

**Swiftpage ACT! LLC**

**act! 2019 (v 21.1)**

**May 16, 2019**



Table(s) of "TBL_ATTACHMENT" Picture Object	
<b>Name</b>	TBL_ATTACHMENT
<b>Comment</b>	Table contains references to files stored externally in the \Attachments folder of the Supplemental File System (aka Datastore). Both Attachements and Library documents are persisted here. Attachments can be associated exclusively to one of the following records: Note History Activity

Column(s) of "TBL_ATTACHMENT" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
ATTACHMENTID	uniqueidentifier	Primary Key.	NOT NULL	Yes	No
FILENAME	nvarchar(255)	The name of the physical file on disk.	NOT NULL	No	No
DISPLAYNAME	nvarchar(255)	The logical, original name of the file.	NOT NULL	No	No
NOTEID	uniqueidentifier	Optional, exclusive FOREIGN KEY to TBL_NOTE when the attached file is for a Note.	NULL	No	Yes
ACTIVITYID	uniqueidentifier	Optional, exclusive FOREIGN KEY to TBL_ACTIVITY when the attached file is for an Activity.	NULL	No	Yes
HISTORYID	uniqueidentifier	Optional, exclusive FOREIGN KEY to TBL_HISTORY when the attached file is for a History.	NULL	No	Yes
MACHINENAME	nvarchar(255)		NULL	No	No
FILEPATH	nvarchar(2048)		NULL	No	No
WORKFLOWDEFID	uniqueidentifier	PRIMARY KEY.	NULL	No	Yes

Index(s) of "TBL_ATTACHMENT" Table		
Name	Type	Unique
TBL_ATTACHMENT_PK	PK	Yes
TBL_ATTACHMENT_IF4	IF4	No
TBL_ATTACHMENT_IF5	IF5	No
TBL_ATTACHMENT_IF6	IF6	No
TBL_ATTACHMENT_IF7	IF7	No

**Member(s) of "TBL\_ATTACHMENT\_PK" Index**

Column
Name
ATTACHMENTID

**Member(s) of "TBL\_ATTACHMENT\_IF4" Index**

Column
Name
NOTEID

**Member(s) of "TBL\_ATTACHMENT\_IF5" Index**

Column
Name
ACTIVITYID

**Member(s) of "TBL\_ATTACHMENT\_IF6" Index**

Column
Name
HISTORYID

**Member(s) of "TBL\_ATTACHMENT\_IF7" Index**

Column
Name

WORKFLOWDEFID

**Trigger(s) of "TBL\_ATTACHMENT" Table**

Name	Type
TBL_ATTACHMENT_TRI1	INSERT



Table(s) of "TBL_ACCESSOR" Picture Object	
<b>Name</b>	TBL_ACCESSOR
<b>Comment</b>	Defines one of these three record types: User Team Resource A super-type record (parent table) which is further described by a sub-type table of only one of the following: TBL_USER TBL_TEAM TBL_RESOURCE

Column(s) of "TBL_ACCESSOR" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
TYPENUM	tinyint	ENUMERATOR. An internal-use field to identify the record type. Valid values are: 0 = User 1 = Team 2 = Resource	NOT NULL	No	No
STATUSNUM	tinyint	An ENUMERATOR. An internal-use field to identify the record status. Valid values are: 0 = Active 1 = Inactive 2 = Deleted (a soft delete)	NOT NULL	No	No
CREATEDATE	datetime	Date and Time the record was created.	NOT NULL	No	No
NAME	nvarchar(128)	The logical and displayed name to the User and application. For a User, this is a denormalized, 'shadow' field containing the FULLNAME value from the User's 'My Record' (in TBL_CONTACT).	NOT NULL	No	No
EDITDATE	datetime	Date and Time the record was last edited - either directly or indirectly via the creation or edit of an associated record	NULL	No	No
ACCESSORID	uniqueidentifier		NOT NULL	Yes	No

Validation(s) of "TYPENUM" Column				
Name	Type	Min	Max	Rule
TBL_ACCESSOR_TY-PENUM_CHK	TBL_ACCESSOR_TY-PENUM_CHK	0	2	TYPENUM BETWEEN 0 AND 2

Validation(s) of "STATUSNUM" Column				
Name	Type	Min	Max	Rule
TBL_ACCESSOR_ST-ATUSNUM_CHK	TBL_ACCESSOR_ST-ATUSNUM_CHK	0	2	STATUSNUM BETWEEN 0 AND 2

Index(s) of "TBL_ACCESSOR" Table			
Name	Type	Unique	
TBL_ACCESSOR_PK	PK	Yes	
TBL_ACCESSOR_IE1	IE1	No	
TBL_ACCESSOR_IE2	IE2	No	
TBL_ACCESSOR_IE3	IE3	No	
TBL_ACCESSOR_IF1	IF1	No	
TBL_ACCESSOR_IF2	IF2	No	

Member(s) of "TBL_ACCESSOR PK" Index

Column
Name

ACCESSORID
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<b>Member(s) of "TBL_ACCESSOR_IE1" Index</b>
--

Column
Name
NAME

<b>Member(s) of "TBL_ACCESSOR_IE2" Index</b>
--

Column
Name
TYPENUM

<b>Member(s) of "TBL_ACCESSOR_IE3" Index</b>
--

Column
Name
STATUSNUM

<b>Member(s) of "TBL_ACCESSOR_IF1" Index</b>
--

Column
Name
ACCESSORID

<b>Member(s) of "TBL_ACCESSOR_IF2" Index</b>
--

Column
Name
ACCESSORID

Trigger(s) of "TBL_ACCESSOR" Table	
Name	Type
TBL_ACCESSOR_TRI1	INSERT
TBL_ACCESSOR_TRU1	UPDATE

Table(s) of "TBL_ACTIVITY" Picture Object	
<b>Name</b>	TBL_ACTIVITY
<b>Comment</b>	<p>Core/Primary table for Activities. Contains the base fields for an Activity whether Recurring or Non-Recurring as well as "Global Events" (Holidays, etc.). Contains primary/core attributes such as Regarding, Details, Start and End time, Timezone and Recurrence patterns as applicable. Supported by these tables to fully materialize Activities:            TBL_ACCESSOR_ACTIVITY            TBL_ACCESSOR_ACTIVITY_CLEARED            TBL_CONTACT_ACTIVITY</p> <p>Examples for MASTERACTIVITYID and PARENTACTIVITYID assume the changes to the Activity are reflected in chronological order from top to bottom:            ACTIVITYID           MASTERACTIVITYID            A1                    A1            A2                    A1            A3                    A1            A4                    A1            PARENTACTIVITYID REGARDING            NULL                Original Activity            A1                    First Change            A2                    Second Change            A3                    Third Change</p>

Column(s) of "TBL_ACTIVITY" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
ACTIVITYID	uniqueidentifier	Primary Key.	NOT NULL	Yes	No
RECURSOURCEACTIVITYID	uniqueidentifier	Optional FOREIGN KEY - self referencing to TBL_ACTIVITY.ACTIVITYID. When an update is applied only to a single instance of a Recurring Activity, we create a deletion exception on that Activity for the date of the change, and create a new Activity for that date and time that reflects the single instance changes. The new Activity has its RecurSourceActivityId set to ActivityId of the Activity upon which it is based (the recurring Activity that was updated).	NULL	No	Yes
PARENTACTIVITYID	uniqueidentifier	Optional FOREIGN KEY - self referencing to TBL_ACTIVITY.ACTIVITYID. The Activityid of the original Activity when inserted. ParentActivityId can be NULL	NULL	No	Yes
ISPRIVATE	tinyint	Specifies if the Activity is Public or Private. Values are: 0 = Public 1 = Private. If Private, only the following Users may view it: a. the Activity's Organizer b. any other attendee (User) participant  Reference the Security Spec for details.	NOT NULL	No	No

LOCATION	nvarchar(128)	A free-form Text field to note any location information for the Activity. Intended behavior is that any/all RESOURCE records that are selected for the Activity are pushed into this string field. This value can be overwritten.	NULL	No	No
REGARDING	nvarchar(256)	The subject of the Activity record.	NULL	No	No
EXTERNALID	varchar(1024)	Field for records imported from (or exported to) Outlook or other external sources/ systems.	NULL	No	No
STARTTIME	smalldatetime	The Date and Time the Activity is scheduled to start.	NOT NULL	No	No
ENDTIME	smalldatetime	The Date and Time the Activity is scheduled to end.	NOT NULL	No	No
DURATION	int	A CALCULATED COLUMN. Formula: DATEDIFF(MINUTE, STARTTIME, ENDTIME)  This value is the number of minutes between the STARTTIME and ENDTIME.	NOT NULL	No	No
ORIGINALTIME	smalldatetime	The DateTime value from the STARTTIME field when the Activity was first created. This is used to assist in Rollovers and reconciling cleared and other exceptions in Recurring Activities, etc.	NOT NULL	No	No
RECURFREQ	tinyint	An Optional enumeration field to support Recurring Activities; if field RECURPERIOD > 0, this field value will contain the value for how often for each Period the Activity is to recur. Valid values are integers of 1 or greater. For example, every 1 Week, every 6 Months...	NULL	No	No
CREATEDATE	datetime	Date and Time the record was created.	NOT NULL	No	No
RECURPERIOD	tinyint	A Mandatory enumeration field; Used to determine if the Activity record is Recurring, and if so, the unit for which the recurrence occurs. Valid values: 0 = Single Occurance (Not Recurring) 1 = Daily 2 = Weekly 3 = Monthly 4 = Yearly All NON-	NOT NULL	No	No

		RECURRING Activity records will have a value of 0 (zero) for this field.			
ISTIMELESS	bit	Timeless status for the start time of the Activity. Values are: 0 = Not timeless 1 = Timeless	NOT NULL	No	No
RECURMODIFIER	tinyint	An Optional enumeration field to support Recurring Activities; if field RECURPERIOD > 0, this field value will contain the qualifier for the 'day value' which could be a: Numbered Day (integer value 1-31) Named Day (Sunday-Saturday) Typed Day (Day, Weekday, Weekend Day)  Valid values: 0 = Only 1 = First 2 = Second 3 = Third 4 = Fourth 5 = Last	NULL	No	No
EDITDATE	datetime	Date and Time the record was last edited - either directly or indirectly via the creation or edit of an associated record	NULL	No	No
RECURDAY	tinyint	An Optional enumeration field to support Recurring Activities; if field RECURPERIOD > 0, this field value will contain ONE OF THE THREE possible Day Values below:  Numbered Day: integer value 1-31  Named Day: 1 = Sunday 2 = Monday 4 = Tuesday 8 = Wednesday 16 = Thursday 32 = Friday 64 = Saturday  Typed Day: 1 = Day 2 = Weekday 3 = Weekend Day  0 = N/A	NULL	No	No

RECURENDDATE	datetime	Datetime field to identify the date through which the Activity, either Recurring or non-Recurring, is to occur (an inclusive value). A value of 01/31/2079 on a Recurring Activity record indicates a "no end date" item. Rules for this field: 1. If non-recurring, RECURENDDATE is equal to ENDTIME. 2. If recurring and ISREQUIRENDDATE is true, RECURENDDATE is set to max (smalldatetime). 3. If recurring and not ISREQUIRENDDATE, RECURENDDATE is set to the user-specified date.	NOT NULL	No	No
ACTIVITYSERIE-SAPPLIEDID	uniqueidentifier	A FOREIGN KEY to the ACTIVITYSERIE-SAPPLIED table. If NULL, the ACTIVITY record was not generated from an Activity Series.	NULL	No	Yes
RECURDAYTYPE	tinyint	An Optional enumeration field to support Recurring Activities; if field RECURPERIOD > 0, this field value will contain a modifier/qualifier value for RECURDAY. Valid values: 0 = N/A 1 = Numbered Day (1-31) 2 = Named Day (Sunday-Saturday) 3 = Typed Day (Day, Weekday, Weekend)	NULL	No	No
DETAILS	nvarchar(max)	Details contains the full details/narrative associated with the Activity.	NULL	No	No
ISREQUIRENDDATE	bit	A BOOLEAN. For a Recurring Activity, identifies if the value in RECURENDDATE represents a 'No Ending Date' value (never-ending). Values: 0 = Recurrence is not Endless 1 = Recurrence is Endless	NOT NULL	No	No

RECURMONTH	tinyint	An Optional enumeration field to support Recurring Activities; if field RECURPERIOD = 4 (YEARLY), this field value will contain the value for the month in which the annually-recurring Activity occurs. Value represents the month such as: 0 = N/A 1 = January 12 = December	NULL	No	No
MASTERACTIVITYID	uniqueidentifier	Mandatory FOREIGN KEY - self referencing to TBL_ACTIVITY.ACTIVITYID. The activityid of the original Activity when inserted. MasterActivityId can NEVER be NULL. The original Activity record is defined as the record for which the ActivityId and MasterActivityId are the same.	NOT NULL	No	Yes
ACTIVITYTYPEID	smallint	FOREIGN KEY to TBL_ACTIVITYTYPE. Specifies the type of Activity such as Call, Meeting, ToDo or a custom type.	NOT NULL	No	Yes
ISEVENT	bit	BOOLEAN. Identifies whether the Activity represents a global Calendar Event. On such an Event, the system Everyone Team is the Organizer and the only association in ACCESSOR_ACTIVITY. Valid values are: 0 = Not a Event 1 = Is an Event	NOT NULL	No	No
ISDELETED	bit	BOOLEAN. System field primarily for Sync. Indicates if the future occurrences of the Activity have been deleted. Used so that each of the individual OCCUR records do not have to be deleted individually - rather, can be performed in batch. Valid values: 0 - Future Occurrences Not Deleted 1 - Future Occurrences Deleted	NOT NULL	No	No

SOURCENUM	tinyint	System Enumeration field. Indicates the origination source of the Activity record. Used in conjunction with EXTERNALID. Valid values: 0 = ACT! 1 = Outlook Appointment Sync 2 = Outlook Task Sync 3 = Outlook Appointment Imported 4 = Outlook Task Imported	NOT NULL	No	No
DELETED_DATES	nvarchar(max)	A denormalized, System field. A string containing zero-one-or-more dates for which the Activity has been deleted (in the case of Recurring).	NULL	No	No
TZ_DAYLIGHT_BIAS	smallint	Timezone information field.	NOT NULL	No	No
TZ_STANDARD_BIAS	smallint	Timezone information field.	NOT NULL	No	No
TZ_BIAS	smallint	The number of minutes of the UTC offset (i.e. AZ is UTC +7 hours, or 420 minutes) for the Activity when it was created or last edited...where the edit affected the scheduled time	NOT NULL	No	No
TZ_DAYLIGHT_DOW	tinyint	Timezone information field.	NOT NULL	No	No
TZ_DAYLIGHT_DAY	tinyint	Timezone information field.	NOT NULL	No	No
TZ_DAYLIGHT_HOUR	tinyint	Timezone information field.	NOT NULL	No	No
TZ_DAYLIGHT_MINUTE	tinyint	Timezone information field.	NOT NULL	No	No
TZ_DAYLIGHT_MONTH	tinyint	Timezone information field.	NOT NULL	No	No
TZ_STANDARD_DOW	tinyint	Timezone information field.	NOT NULL	No	No
TZ_STANDARD_DAY	tinyint	Timezone information field.	NOT NULL	No	No
TZ_STANDARD_HOUR	tinyint	Timezone information field.	NOT NULL	No	No
TZ_STANDARD_MINUTE	tinyint	Timezone information field.	NOT NULL	No	No
TZ_STANDARD_MONTH	tinyint	Timezone information field.	NOT NULL	No	No
ISINVITATIONSENT	bit	Indicates whether the user chose to send an invitation for an activity.	NOT NULL	No	No
WF_CONTEXTID	uniqueidentifier	For workflow tracking	NULL	No	No
WF_INSTANCEID	uniqueidentifier	For Workflow tracking	NULL	No	No
ACCESSORID	uniqueidentifier		NULL	No	Yes

#### Validation(s) of "ISPRIVATE" Column

Name	Type	Min	Max	Rule
TBL_ACTIVITY_ISPRIVATE_CHK	TBL_ACTIVITY_ISPRIVATE_CHK			ISPRIVATE IN (0, 1)

#### Validation(s) of "RECURPERIOD" Column

Name	Type	Min	Max	Rule
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TBL_ACTIVITY_REC- URPERIOD_CHK	TBL_ACTIVITY_REC- URPERIOD_CHK	0	4	RECURPERIOD BETWEEN 0 AND 4
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**Validation(s) of "RECURMODIFIER" Column**

Name	Type	Min	Max	Rule
TBL_ACTIVITY_REC- URMODIFIER_CHK	TBL_ACTIVITY_REC- URMODIFIER_CHK			RECURMODIFIER IN (0, 1, 2, 3, 4, 5)

**Validation(s) of "RECURDAYTYPE" Column**

Name	Type	Min	Max	Rule
TBL_ACTIVITY_REC- URDAYTYPE_CHK	TBL_ACTIVITY_REC- URDAYTYPE_CHK			RECURDAYTYPE IN (0, 1, 2, 3)

**Validation(s) of "RECURMONTH" Column**

Name	Type	Min	Max	Rule
TBL_ACTIVITY_REC- URMONTH_CHK	TBL_ACTIVITY_REC- URMONTH_CHK	0	12	RECURMONTH BETWEEN 0 AND 12

**Default(s) of "ISEVENT" Column**

Name	Default
TBL_ACTIVITY_ISEVENT_DEF	0

**Default(s) of "ISDELETED" Column**

Name	Default
TBL_ACTIVITY_ISDELETED_DEF	0

**Default(s) of "SOURCENUM" Column**

Name	Default
TBL_ACTIVITY_SOURCENUM_DEF	0

**Validation(s) of "SOURCENUM" Column**

Name	Type	Min	Max	Rule
TBL_ACTIVITY_SOU- RCENUM_CHK	TBL_ACTIVITY_SOU- RCENUM_CHK			SOURCENUM IN (0, 1, 2, 3, 4, 6)

**Default(s) of "TZ\_DAYLIGHT\_BIAS" Column**

Name	Default
TBL_ACTIVITY_TZ_DAYLIGHT_BIAS_DEF	0

**Default(s) of "TZ\_STANDARD\_BIAS" Column**

Name	Default
TBL_ACTIVITY_TZ_STANDARD_BIAS_DEF	0

**Default(s) of "TZ\_BIAS" Column**

Name	Default
TBL_ACTIVITY_TZ_BIAS_DEF	420

**Default(s) of "TZ\_DAYLIGHT\_DOW" Column**

Name	Default
TBL_ACTIVITY_TZ_DAYLIGHT_DOW_DEF	0

**Default(s) of "TZ\_DAYLIGHT\_DAY" Column**

Name	Default
TBL_ACTIVITY_TZ_DAYLIGHT_DAY_DEF	0

**Default(s) of "TZ\_DAYLIGHT\_HOUR" Column**

Name	Default
TBL_ACTIVITY_TZ_DAYLIGHT_HOUR_DEF	0

**Default(s) of "TZ\_DAYLIGHT\_MINUTE" Column**

Name	Default
TBL_ACTIVITY_TZ_DAYLIGHT_MINUTE_DEF	0

**Default(s) of "TZ\_DAYLIGHT\_MONTH" Column**

Name	Default

TBL_ACTIVITY_TZ_DAYLIGHT_MONTH_DEF	0
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**Default(s) of "TZ\_STANDARD\_DOW" Column**

Name	Default
TBL_ACTIVITY_TZ_STANDARD_DOW_DEF	0

**Default(s) of "TZ\_STANDARD\_DAY" Column**

Name	Default
TBL_ACTIVITY_TZ_STANDARD_DAY_DEF	0

**Default(s) of "TZ\_STANDARD\_HOUR" Column**

Name	Default
TBL_ACTIVITY_TZ_STANDARD_HOUR_DEF	0

**Default(s) of "TZ\_STANDARD\_MINUTE" Column**

Name	Default
TBL_ACTIVITY_TZ_STANDARD_MINUTE_DEF	0

**Default(s) of "TZ\_STANDARD\_MONTH" Column**

Name	Default
TBL_ACTIVITY_TZ_STANDARD_MONTH_DEF	0

**Default(s) of "ISINVITATIONSENT" Column**

Name	Default
TBL_ACTIVITY_ISINVITATIONSENT_DEF	0

**Index(s) of "TBL\_ACTIVITY" Table**

Name	Type	Unique
TBL_ACTIVITY_PK	PK	Yes
TBL_ACTIVITY_IE3	IE3	No
TBL_ACTIVITY_IE4	IE4	No
TBL_ACTIVITY_IF121	IF121	No
TBL_ACTIVITY_IF251	IF251	No
TBL_ACTIVITY_IF252	IF252	No
TBL_ACTIVITY_IF253	IF253	No
TBL_ACTIVITY_IF254	IF254	No
TBL_ACTIVITY_IF255	IF255	No
TBL_ACTIVITY_IF256	IF256	No

**Member(s) of "TBL\_ACTIVITY\_PK" Index**

**Column**

Name
ACTIVITYID

**Physical Property(s) of "TBL\_ACTIVITY\_PK" Index**

FILLFACTOR
75

**Member(s) of "TBL\_ACTIVITY\_IE3" Index**

**Column**

Name
CREATEDATE

**Column**

Name
EDITDATE

**Column**

Name
SOURCENUM

**Physical Property(s) of "TBL\_ACTIVITY\_IE3" Index**

FILLFACTOR
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75

**Member(s) of "TBL\_ACTIVITY\_IE4" Index**

**Column**

**Name**

STARTTIME

**Column**

**Name**

RECURENDDATE

**Column**

**Name**

ISPRIVATE

**Column**

**Name**

SOURCENUM

**Column**

**Name**

ACTIVITYID

**Physical Property(s) of "TBL\_ACTIVITY\_IE4" Index**

**FILLFACTOR**

75

**Member(s) of "TBL\_ACTIVITY\_IF121" Index**

**Column**

**Name**

MASTERACTIVITYID

**Physical Property(s) of "TBL\_ACTIVITY\_IF121" Index**

**FILLFACTOR**

75

**Member(s) of "TBL\_ACTIVITY\_IF251" Index**

**Column**

**Name**

ACTIVITYSERIESAPPLIEDID

**Physical Property(s) of "TBL\_ACTIVITY\_IF251" Index**

**FILLFACTOR**

75

**Member(s) of "TBL\_ACTIVITY\_IF252" Index**

**Column**

**Name**

PARENTACTIVITYID

**Member(s) of "TBL\_ACTIVITY\_IF253" Index**

**Column**

**Name**

RECURSOURCEACTIVITYID

**Member(s) of "TBL\_ACTIVITY\_IF254" Index**

**Column**

**Name**

ACCESSORID
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<b>Member(s) of "TBL_ACTIVITY_IF255" Index</b>
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<b>Column</b>
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<b>Name</b>
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ACCESSORID
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<b>Member(s) of "TBL_ACTIVITY_IF256" Index</b>
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<b>Column</b>
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<b>Name</b>
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ACCESSORID
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<b>Trigger(s) of "TBL_ACTIVITY" Table</b>
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<b>Name</b>	<b>Type</b>
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TBL_ACTIVITY_TRIU1	INSERTUPDATE
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Table(s) of "TBL_ACCESSOR_ACTIVITY" Picture Object	
<b>Name</b>	TBL_ACCESSOR_ACTIVITY
<b>Comment</b>	Contains a record for each Attendee/Participant on an Activity. At a minimum, the Activity Organizer (TBL_ACTIVITY.ORGANIZEUSERID) will have an entry in this table. This table is analogous to an ACL for Activities and supports the workgroup model for scheduling and calendars. Records in this table can represent: Users Resources Teams Additional fields store the "per user" values for each Accessor/User such as Priority, Color and Alarm settings.

Column(s) of "TBL_ACCESSOR_ACTIVITY" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
ACTIVITYID	uniqueidentifier	Alternate Key, Foreign Key to TBL_ACTIVITY.	NOT NULL	No	Yes
ACCESSOR_ACTIVITYID	uniqueidentifier	PRIMARY KEY. Implemented to support Task List.	NOT NULL	Yes	No
ISBASERECORD	bit	BOOLEAN datatype. Used to determine the first/original record for an Activity-Accessor pair. Each ACCESSOR must have ONE row with a value set to True(1). Exception rows will contain a value of False(0). True records are used to identify the attendee list for the ACTIVITY. Values: 0 = Not the base record 1 = The base record	NOT NULL	No	No
ISACKNOWLEDGED	bit	BOOLEAN. Value determines if the Accessor, or his/her Delegate, has taken action on the Activity. This is most applicable to workgroup Activities where an Invitation model prevails. Once an acceptance or decline has been taken, the base record (ISBASERECORD=1) for the Accessor is set to True(1). Values: 0 = Not Acknowledged 1 = Acknowledged	NOT NULL	No	No
ISALARMED	bit	BOOLEAN. Indicates whether the User is to receive an Alarm for an Activity.	NOT NULL	No	No
LEADMINUTES	int	An Integer value representing the number of MINUTES to invoke an Alarm prior to the STARTTIME of the Activity.	NULL	No	No
BANNERCOLOR	int	An Integer value for color representation	NULL	No	No
ISBANNER	bit	BOOLEAN. Used to determine if the Activity will display as/with a full-day banner in the monthly Calendar view. This attribute	NOT NULL	No	No

		can be set explicitly by the user in the Activity dialog, and it can also be set as default behavior in User Preferences. Values: 0 = No Full-Day Banner 1 = Display Full-Day Banner			
ACTIVITYPRIORITYID	tinyint	Foreign Key to TBL_ACTIVITYPRIORITY.	NOT NULL	No	Yes
ALARMCLEARED_DATES	nvarchar(max)	SYSTEM FIELD. A string containing zero-one-or-more dates for which the Activity Alarm has been cleared for the given Accessor (User). The string format is: MMDDYYYY	NULL	No	No
CLEARED_DATES	nvarchar(max)	SYSTEM FIELD. A string containing zero-one-or-more dates for which the Activity has been cleared for the given Accessor (User). The string format is: MMDDYYYY,	NULL	No	No
STATUSEXCEPTION_DATES	nvarchar(max)	SYSTEM FIELD. A string containing zero-one-or-more dates for which the Activity Status (accepted, declined, etc.) has been changed for the given Accessor (User). The string format is: MMDDYYYY#, Where # is the STATUSNUM value indicating what/why the status exception.	NULL	No	No
STATUSNUM	tinyint	Enumerator status value indicating the Status of the Activity for a given User or Resource. Valid values are: 0 = ACCEPTED / ACTIVE 1 = TENTATIVE 2 = DECLINED 3 = CANCELED 9 = DELETED  Note: DELETED records are largely to support the STATUS_EXCEPTIONDATES for setting when Data Purge is performed	NOT NULL	No	No

ACCESSORID	uniqueidentifier		NOT NULL	No	Yes
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**Default(s) of "STATUSNUM" Column**

Name	Default
TBL_ACCESSOR_ACTIVITY_STATUSNUM_DEF	0

**Validation(s) of "STATUSNUM" Column**

Name	Type	Min	Max	Rule
TBL_ACCESSOR_ACTIVITY_STATUSNUM_CHK	TBL_ACCESSOR_ACTIVITY_STATUSNUM_CHK			STATUSNUM IN (0, 1, 2, 3, 9)

**Index(s) of "TBL\_ACCESSOR\_ACTIVITY" Table**

Name	Type	Unique
TBL_ACCESSOR_ACTIVITY_PK	PK	Yes
TBL_ACCESSOR_ACTIVITY_AK1	AK1	Yes
TBL_ACCESSOR_ACTIVITY_IE1	IE1	No
TBL_ACCESSOR_ACTIVITY_IF90	IF90	No

**Member(s) of "TBL\_ACCESSOR\_ACTIVITY\_PK" Index**

**Column**

Name
ACCESSOR_ACTIVITYID

**Physical Property(s) of "TBL\_ACCESSOR\_ACTIVITY\_PK" Index**

FILLFACTOR
75

**Member(s) of "TBL\_ACCESSOR\_ACTIVITY\_AK1" Index**

**Column**

Name
ACTIVITYID

**Physical Property(s) of "TBL\_ACCESSOR\_ACTIVITY\_AK1" Index**

FILLFACTOR
75

**Member(s) of "TBL\_ACCESSOR\_ACTIVITY\_IE1" Index**

**Column**

Name
ACTIVITYID

**Column**

Name
ACCESSOR_ACTIVITYID

**Column**

Name
ACTIVITYPRIORITYID

**Physical Property(s) of "TBL\_ACCESSOR\_ACTIVITY\_IE1" Index**

FILLFACTOR
75

**Member(s) of "TBL\_ACCESSOR\_ACTIVITY\_IF90" Index**

**Column**

Name
ACCESSORID

Table(s) of "TBL_HISTORY" Picture Object	
<b>Name</b>	TBL_HISTORY
<b>Comment</b>	Contains the History record which can be associated to any combination of: Contact Group Company Opportunity The Details field is RTF-encoded by the Framework.

Column(s) of "TBL_HISTORY" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
HISTORYID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	No
DETAILS	nvarchar(max)	A full, RTF-formatted, textual description of the history event.	NULL	No	No
ISPRIVATE	tinyint	TINYINT. Specifies if the record is Public or Private. Values are: 0 = Public 1 = Private. If Private, only the Record Manager may view it.	NOT NULL	No	No
CREATEDATE	datetime	Date and Time the record was created. This value does not change; for conversion and import (from another ACT! database) this value will be the value of the source record.	NOT NULL	No	No
ENDTIME	smalldatetime	If applicable, event Ending Date and Time displayed to the User. When the History is a result of a Cleared Activity, that Activity's ENDTIME is put in this value.  This field is used in the DURATION field calculation.	NOT NULL	No	No
DURATION	int	CALCULATED COLUMN. Formula: DATEDIFF(MINUTE, STARTTIME, ENDTIME)  This value is the number of minutes between the STARTTIME and ENDTIME.	NOT NULL	No	No
STARTTIME	smalldatetime	Date and Time the displayed to the User. This value represents the date and time when the History record occurred. By default, it is system-generated but can be edited by the User if the Edit History feature is enabled in Define Fields.  When the History is a result of a Cleared Activity, that Activity's STARTTIME is put in this value.  This field is used in the DURATION	NOT NULL	No	No



		field calculation.			
REGARDING	nvarchar(256)	The subject description of the History record. If created from a Cleared Activity, it is the Regarding of that Activity.	NULL	No	No
EDITDATE	datetime	Date and Time the record was last edited.	NULL	No	No
HISTORYTYPEID	smallint	Foreign Key to TBL_HISTORYTYPE. Identifies the User-specified type of History record (also referred to as the Result Type) such as Call Completed, etc.	NOT NULL	No	Yes
ACCESSOR_ACTIVITY_CLEAREDID	uniqueidentifier	Optional Foreign Key to TBL_ACCESSOR_ACTIVITY_CLEARED. Populated when the record is the direct result of clearing an Activity.	NULL	No	Yes
ACCESSORID	uniqueidentifier		NOT NULL	No	Yes

#### Validation(s) of "ISPRIVATE" Column

Name	Type	Min	Max	Rule
TBL_HISTORY_ISPRIVATE_CHK	TBL_HISTORY_ISPRIVATE_CHK			ISPRIVATE IN (0, 1)

#### Index(s) of "TBL\_HISTORY" Table

Name	Type	Unique
TBL_HISTORY_PK	PK	Yes
TBL_HISTORY_IE1	IE1	No
TBL_HISTORY_IE2	IE2	No
TBL_HISTORY_IF4	IF4	No
TBL_HISTORY_IF9	IF9	No
TBL_HISTORY_IF10	IF10	No
TBL_HISTORY_IF11	IF11	No
TBL_HISTORY_IF12	IF12	No

#### Member(s) of "TBL\_HISTORY\_PK" Index

##### Column

Name
HISTORYID

#### Physical Property(s) of "TBL\_HISTORY\_PK" Index

##### FILLFACTOR

75

#### Member(s) of "TBL\_HISTORY\_IE1" Index

##### Column

Name
STARTTIME

##### Column

Name
ENDTIME

#### Physical Property(s) of "TBL\_HISTORY\_IE1" Index

##### FILLFACTOR

75

#### Member(s) of "TBL\_HISTORY\_IE2" Index

<b>Column</b>
<b>Name</b>
ISPRIVATE

<b>Column</b>
<b>Name</b>
HISTORYTYPEID

<b>Column</b>
<b>Name</b>
STARTTIME

<b>Physical Property(s) of "TBL_HISTORY_IE2" Index</b>
<b>FILLFACTOR</b>
75

<b>Member(s) of "TBL_HISTORY_IF4" Index</b>
---

<b>Column</b>
<b>Name</b>
HISTORYTYPEID

<b>Physical Property(s) of "TBL_HISTORY_IF4" Index</b>
<b>FILLFACTOR</b>
75

<b>Member(s) of "TBL_HISTORY_IF9" Index</b>
---

<b>Column</b>
<b>Name</b>
ACCESSOR_ACTIVITY_CLEAREDID

<b>Member(s) of "TBL_HISTORY_IF10" Index</b>
--

<b>Column</b>
<b>Name</b>
ACCESSORID

<b>Member(s) of "TBL_HISTORY_IF11" Index</b>
--

<b>Column</b>
<b>Name</b>
ACCESSORID

<b>Member(s) of "TBL_HISTORY_IF12" Index</b>
--

<b>Column</b>
<b>Name</b>
ACCESSORID

**Table(s) of "TBL\_ACTIVITYSERIES" Picture Object**

<b>Name</b>	TBL_ACTIVITYSERIES
<b>Comment</b>	Base table for storing Activity Series. Defines the name and ownership.

**Column(s) of "TBL\_ACTIVITYSERIES" Table**

Name	Datatype	Comment	Null Option	Is PK	Is FK
ACTIVITYSERIESID	uniqueidentifier	Primary Key.	NOT NULL	Yes	No
NAME	nvarchar(64)	A UNIQUE CONSTRAINT. The simple name reference for the record.	NOT NULL	No	No
DESCRIPTION	nvarchar(256)	Optional narrative description of the record.	NULL	No	No
MANAGEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the Record Manager, or Owner, of the record.	NOT NULL	No	No
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.	NOT NULL	No	No
CREATEDATE	datetime	Date and Time the record was created.	NOT NULL	No	No
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.	NULL	No	No
EDITDATE	datetime	Date and Time the record was last edited - either directly or indirectly via the creation or edit of an associated record	NULL	No	No
ISPRIVATE	bit	BOOLEAN. Specifies if the record is Public or Private. Values are: 0 = Public 1 = Private. If Private, only the Record Manager may view it. Only the Record Manager can change this value.	NOT NULL	No	No

**Index(s) of "TBL\_ACTIVITYSERIES" Table**

Name	Type	Unique
TBL_ACTIVITYSERIES_PK	PK	Yes
TBL_ACTIVITYSERIES_AK1	AK1	Yes

**Member(s) of "TBL\_ACTIVITYSERIES\_PK" Index**

**Column**

Name
ACTIVITYSERIESID

**Member(s) of "TBL\_ACTIVITYSERIES\_AK1" Index**

**Column**

Name
NAME

Table(s) of "TBL_ACTIVITYSERIESAPPLIED" Picture Object	
<b>Name</b>	TBL_ACTIVITYSERIESAPPLIED
<b>Comment</b>	A record is written to this table each time an Activity Series is applied, resulting in one or more Activities.

Column(s) of "TBL_ACTIVITYSERIESAPPLIED" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
ACTIVITYSERIE-SAPPLIEDID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	No
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.	NOT NULL	No	No
CREATEDATE	datetime	Date and Time the record was created.	NOT NULL	No	No
ACTIVITYSERIESID	uniqueidentifier	Primary Key.	NULL	No	Yes
NAME	nvarchar(64)	The simple name reference for the record.	NOT NULL	No	No

Index(s) of "TBL_ACTIVITYSERIESAPPLIED" Table		
Name	Type	Unique
TBL_ACTIVITYSERIESAPPLIED_PK	PK	Yes
TBL_ACTIVITYSERIESAPPLIED_IF250	IF250	No

**Member(s) of "TBL\_ACTIVITYSERIESAPPLIED\_PK" Index**

Column
Name
ACTIVITYSERIESAPPLIEDID

**Member(s) of "TBL\_ACTIVITYSERIESAPPLIED\_IF250" Index**

Column
Name
ACTIVITYSERIESID

Table(s) of "TBL_ACTIVITYSERIESITEM" Picture Object	
<b>Name</b>	TBL_ACTIVITYSERIESITEM
<b>Comment</b>	A one-to-many child table to TBL_ACTIVITYSERIES; stores each "step" in the Activity Series which is to become an Activity once applied.

Column(s) of "TBL_ACTIVITYSERIESITEM" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
ACTIVITYSERIE-SITEMID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	No
REGARDING	nvarchar(256)	Becomes the REGARDING of the resulting Activity.	NULL	No	No
LEADMINUTES	int		NULL	No	No
ISTIMELESS	bit	BOOLEAN.	NOT NULL	No	No
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.	NOT NULL	No	No
CREATEDATE	datetime	Date and Time the record was created.	NOT NULL	No	No
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.	NULL	No	No
EDITDATE	datetime	Date and Time the record was last edited - either directly or indirectly via the creation or edit of an associated record	NULL	No	No
ACTIVITYSERIESID	uniqueidentifier	Primary Key.	NOT NULL	No	Yes
BANNERCOLOR	int	Integer representation for color	NULL	No	No
ISALARMED	bit	BOOLEAN.	NOT NULL	No	No
ISNOWEAKENDS	bit	BOOLEAN. Supports the 'If Activity falls on a weekend, schedule on the following Monday' checkbox.	NOT NULL	No	No
ANCHOROFFSET	smallint	Number of days, either positive or negative, to offset the Start or End date when applying the Activity Series.	NOT NULL	No	No
DURATION	int	The number of minutes the Activity is to last.	NOT NULL	No	No
ACTIVITYTYPEID	smallint		NULL	No	Yes
ACTIVITYPRIORITYID	tinyint	Alternate Key. This field/value is foreign keyed in the referencing table instead of the primary key.	NOT NULL	No	Yes
ANCHOROFFSET-PERIOD	tinyint	Value to represent days, week, months, years (0, 1, 2, 3) so the ANCHOROFFSET can be offset by something other than days. Valid values are: 0 = Days 1 = Weeks 2 = Months 3 = Years	NOT NULL	No	No

ACCESSORID	uniqueidentifier		NULL	No	Yes
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**Default(s) of "ANCHOROFFSETPERIOD" Column**

Name	Default
TBL_ACTIVITYSERIESITEM_ANCHOROFFSETPERIOD_DEF	0

**Index(s) of "TBL\_ACTIVITYSERIESITEM" Table**

Name	Type	Unique
TBL_ACTIVITYSERIESITEM_PK	PK	Yes
TBL_ACTIVITYSERIESITEM_IF2	IF2	No
TBL_ACTIVITYSERIESITEM_IF249	IF249	No
TBL_ACTIVITYSERIESITEM_IF3	IF3	No
TBL_ACTIVITYSERIESITEM_IF250	IF250	No

**Member(s) of "TBL\_ACTIVITYSERIESITEM\_PK" Index**

**Column**

Name
ACTIVITYSERIESITEMID

**Member(s) of "TBL\_ACTIVITYSERIESITEM\_IF2" Index**

**Column**

Name
ACTIVITYTYPEID

**Member(s) of "TBL\_ACTIVITYSERIESITEM\_IF249" Index**

**Column**

Name
ACTIVITYSERIESID

**Member(s) of "TBL\_ACTIVITYSERIESITEM\_IF3" Index**

**Column**

Name
ACTIVITYPRIORITYID

**Member(s) of "TBL\_ACTIVITYSERIESITEM\_IF250" Index**

**Column**

Name
ACCESSORID

Table(s) of "TBL_ACTIVITYTYPE" Picture Object	
<b>Name</b>	TBL_ACTIVITYTYPE
<b>Comment</b>	A characteristic/definition table. Records define both stock and user-defined Activity Types (i.e. Call, Meeting, To-do).

Column(s) of "TBL_ACTIVITYTYPE" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
ACTIVITYTYPEID	smallint		NOT NULL	No	No
NAME	nvarchar(64)	The ALTERNATE KEY. Unique value which contains the actual string name for the Activity Type, i.e. Call, Meeting, To-Do.	NOT NULL	No	No
DESCRIPTION	nvarchar(128)	An Optional string to describe the purpose, meaning or intent of the Activity Type.	NULL	No	No
ISACTIVE	bit		NOT NULL	No	No
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.	NOT NULL	No	No
TYPEIMAGE	varbinary(max)	IMAGE/BLOB content. Contains the binary image of the Icon for the Activity Type	NULL	No	No
ISCUSTOM	bit	BOOLEAN field. Represents whether the record has been added by the User. Values: 0 = Not added by the User 1 = Added by the User	NOT NULL	No	No
CREATEDATE	datetime	Date and Time the record was created.	NOT NULL	No	No
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.	NULL	No	No
EDITDATE	datetime	Date and Time the record was last edited.	NULL	No	No
ACTIVITYTYPEGUID	uniqueidentifier	Primary Key.	NOT NULL	Yes	No
REGARDING_PICKLISTID	uniqueidentifier	FOREIGN KEY to PICKLIST. A mandatory relationship to a System Picklist for the REGARDING values for the Activity Type.	NOT NULL	No	Yes

Index(s) of "TBL_ACTIVITYTYPE" Table		
Name	Type	Unique
TBL_ACTIVITYTYPE_PK	PK	Yes
TBL_ACTIVITYTYPE_AK1	AK1	Yes
TBL_ACTIVITYTYPE_AK2	AK2	Yes
TBL_ACTIVITYTYPE_IF1	IF1	No

**Member(s) of "TBL\_ACTIVITYTYPE PK" Index**

Column
Name

ACTIVITYTYPEGUID
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<b>Member(s) of "TBL_ACTIVITYTYPE_AK1" Index</b>
--

<b>Column</b>
---------------

<b>Name</b>
-------------

ACTIVITYTYPEID
----------------

<b>Member(s) of "TBL_ACTIVITYTYPE_AK2" Index</b>
--

<b>Column</b>
---------------

<b>Name</b>
-------------

NAME
------

<b>Member(s) of "TBL_ACTIVITYTYPE_IF1" Index</b>
--

<b>Column</b>
---------------

<b>Name</b>
-------------

REGARDING_PICKLISTID
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Table(s) of "TBL_ACTIVITYPRIORITY" Picture Object	
<b>Name</b>	TBL_ACTIVITYPRIORITY
<b>Comment</b>	A characteristic/definition table. Records define both stock and user-defined Activity Priorities (i.e. High, Medium, Low).

Column(s) of "TBL_ACTIVITYPRIORITY" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
ACTIVITYPRIORITYID	tinyint	Alternate Key. This field/value is foreign keyed in the referencing table instead of the primary key.	NOT NULL	No	No
NAME	nvarchar(64)	The identifying name of the Priority, such as 'High', 'Medium', etc.	NOT NULL	No	No
DESCRIPTION	nvarchar(64)		NULL	No	No
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.	NOT NULL	No	No
CREATEDATE	datetime	Date and Time the record was created.	NOT NULL	No	No
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.	NULL	No	No
EDITDATE	datetime	Date and Time the record was last edited - either directly or indirectly via the creation or edit of an associated record	NULL	No	No
ACTIVITYPRIORITYGUID	uniqueidentifier	Primary Key.	NOT NULL	Yes	No
ISACTIVE	bit		NOT NULL	No	No
ORDINAL	tinyint	SORT ORDINAL. Value determines the fixed sort order of the Activity Priority records. The default Priority order is: 0 = High 1 = Medium-High 2 = Medium 3 = Medium-Low 4 = Low	NOT NULL	No	No

Index(s) of "TBL_ACTIVITYPRIORITY" Table		
Name	Type	Unique
TBL_ACTIVITYPRIORITY_PK	PK	Yes
TBL_ACTIVITYPRIORITY_AK1	AK1	Yes
TBL_ACTIVITYPRIORITY_AK2	AK2	Yes

**Member(s) of "TBL\_ACTIVITYPRIORITY\_PK" Index**

Column
Name
ACTIVITYPRIORITYGUID

**Member(s) of "TBL\_ACTIVITYPRIORITY\_AK1" Index**

Column
Name
ACTIVITYPRIORITYID

**Member(s) of "TBL\_ACTIVITYPRIORITY\_AK2" Index**

<b>Column</b>
<b>Name</b>
NAME

Table(s) of "TBL_HISTORYTYPE" Picture Object	
Name	TBL_HISTORYTYPE
Comment	A characteristic/definition table. Records define both stock and user-defined History Types (aka Result Types).

Column(s) of "TBL_HISTORYTYPE" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
HISTORYTYPEID	smallint	Alternate Key. This field is referenced by the foreign key in TBL_HISTORY.	NOT NULL	No	No
NAME	nvarchar(64)	A Mandatory value for a general name/reference of the History Type.	NOT NULL	No	No
ISACTIVE	bit	Boolean. Identifies whether the History Type (aka Result Type) can be used when creating new History records.	NOT NULL	No	No
DESCRIPTION	nvarchar(128)	An optional narrative description of the record.	NULL	No	No
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.	NOT NULL	No	No
CREATEDATE	datetime	Date and Time the record was created.	NOT NULL	No	No
ISUSERRECORDABLE	bit	BOOLEAN. Identifies which History Type records are directly recordable by the User in the History grid list. Values are: 0 = not directly recordable 1 = directly recordable  Records which are not directly recordable by the User are generally System History events (such as Sync Sent, Contact deleted, etc.).	NOT NULL	No	No
CLEARTYPENUM	tinyint	Internal-use enumeration. Identifies one of three possible types of History for Clearing purposes: 0 = Other 1 = Completed 2 = Not Completed 3 = Erase  The application framework will enforce the business rule that for each Activity Type, there must be one (only one) Default and Erase History types. The purpose of this attribute/value is to define with absolute knowledge of a 'close' type for any Activity via the SDK	NOT NULL	No	No

ISCUSTOM	bit	Boolean. Represents whether the record has been added by the User. Values: 0 = Not added by the User 1 = Added by the User	NOT NULL	No	No
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.	NULL	No	No
EDITDATE	datetime	Date and Time the record was last edited.	NULL	No	No
HISTORYTYPEGUID	uniqueidentifier	Primary Key.	NOT NULL	Yes	No
ACTIVITYTYPEID	smallint		NULL	No	Yes
ISDEFAULT	bit	BOOLEAN. Identifies if the History Type is the default type for clearing a given Activity. Valid values are: 0 = Not the default 1 = Is the default	NOT NULL	No	No
HISTORYTYPEGROUPID	smallint		NOT NULL	No	Yes

#### Validation(s) of "CLEARTYPENUM" Column

Name	Type	Min	Max	Rule
TBL_HISTORYTYPE_-CLEARTYPENUM_CHK	TBL_HISTORYTYPE_-CLEARTYPENUM_CHK			CLEARTYPENUM IN (0, 1, 2, 3)

#### Index(s) of "TBL\_HISTORYTYPE" Table

Name	Type	Unique
TBL_HISTORYTYPE_PK	PK	Yes
TBL_HISTORYTYPE_AK1	AK1	Yes
TBL_HISTORYTYPE_IF2	IF2	No

#### Member(s) of "TBL\_HISTORYTYPE\_PK" Index

##### Column

###### Name

HISTORYTYPEGUID

#### Member(s) of "TBL\_HISTORYTYPE\_AK1" Index

##### Column

###### Name

HISTORYTYPEID

#### Member(s) of "TBL\_HISTORYTYPE\_IF2" Index

##### Column

###### Name

HISTORYTYPEGROUPID

Table(s) of "TBL_ACCESSOR_ACTIVITY_CLEARED" Picture Object	
Name	TBL_ACCESSOR_ACTIVITY_CLEARED
Comment	Supporting table for the Activity record/entity. Each record represents a cleared instance of a record (even if non-Recurring) per User which is associated to the Activity.

Column(s) of "TBL_ACCESSOR_ACTIVITY_CLEARED" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
ACCESSOR_ACTIVITY_CLEAREDID	uniqueidentifier		NOT NULL	Yes	No
CLEARED_DATE	smalldatetime		NOT NULL	No	No
ACCESSOR_ACTIVITYID	uniqueidentifier	PRIMARY KEY. Implemented to support Task List.	NOT NULL	No	Yes
ACTIVITYID	uniqueidentifier	Primary Key.	NOT NULL	No	Yes

Index(s) of "TBL_ACCESSOR_ACTIVITY_CLEARED" Table		
Name	Type	Unique
TBL_ACCESSOR_ACTIVITY_CLEARED_PK	PK	Yes
TBL_ACCESSOR_ACTIVITY_CLEARED_AK1	AK1	Yes
TBL_ACCESSOR_ACTIVITY_CLEARED_IF2	IF2	No

**Member(s) of "TBL\_ACCESSOR\_ACTIVITY\_CLEARED\_PK" Index**

Column
Name
ACCESSOR_ACTIVITY_CLEAREDID

Physical Property(s) of "TBL_ACCESSOR_ACTIVITY_CLEARED_PK" Index
FILLFACTOR
80

**Member(s) of "TBL\_ACCESSOR\_ACTIVITY\_CLEARED\_AK1" Index**

Column
Name
ACCESSOR_ACTIVITYID

Column
Name
CLEARED_DATE

Physical Property(s) of "TBL_ACCESSOR_ACTIVITY_CLEARED_AK1" Index
FILLFACTOR
80

**Member(s) of "TBL\_ACCESSOR\_ACTIVITY\_CLEARED\_IF2" Index**

Column
Name
ACTIVITYID

Physical Property(s) of "TBL_ACCESSOR_ACTIVITY_CLEARED_IF2" Index
FILLFACTOR
80

Trigger(s) of "TBL_ACCESSOR_ACTIVITY_CLEARED" Table	
Name	Type
TBL_ACCESSOR_ACTIVITY_CLEARED_TRID1	DELETEINSERT

**CTL\_BI\_CALENDARDATE\_DIM**

📅 CALENDARDATE: datetime NOT NULL

YEAR: nvarchar(64) NULL  
MONTH: nvarchar(64) NULL  
QUARTER: nvarchar(64) NULL  
DAYOFWEEK: nvarchar(64) NULL

**CTL\_BI\_HISTORYTYPE\_DIM**

📅 HISTORYTYPEID: int NOT NULL

HISTORYTYPENAME: nvarchar(255) NULL  
HISTORYTYPEGROUPNAME: nvarchar(255) NULL  
HISTORYTYPESUPERGROUPNAME: nvarchar(255) NULL

**CTL\_BI\_CONTACT\_DIM**

📅 CONTACTID: int NOT NULL

CONTACTNAME: nvarchar(255) NULL

**CTL\_BI\_GEOGRAPHY\_DIM**

📅 GEOGRAPHYID: int NOT NULL

COUNTRYNAME: nvarchar(255) NULL  
STATEORPROVINCE: nvarchar(255) NULL  
CITY: nvarchar(255) NULL  
ZIPORPOSTALCODE: nvarchar(255) NULL

**CTL\_BI\_COMPANY\_DIM**

📅 COMPANYID: int NOT NULL

COMPANYNAME: nvarchar(255) NULL

**CTL\_BI OPPORTUNITYSTATUS\_DIM**

📅 OPPORTUNITYSTATUSID: int NOT NULL

OPPORTUNITYSTATUSNAME: nvarchar(255) NULL

**CTL\_BI\_INDUSTRY\_DIM**

📅 INDUSTRYID: int NOT NULL

INDUSTRYNAME: nvarchar(255) NULL

**CTL\_BI OPPORTUNITY\_DIM**

📅 OPPORTUNITYID: int NOT NULL

OPPORTUNITYNAME: nvarchar(255) NULL

**CTL\_BI\_USER\_DIM**

📅 USERID: int NOT NULL

USERNAME: nvarchar(255) NULL

**CTL\_BI OPPORTUNITY\_FACT**

📅 INDUSTRYID: int NOT NULL  
📅 CALENDARDATE: datetime NOT NULL  
📅 USERID: int NOT NULL  
📅 COMPANYID: int NOT NULL  
📅 GEOGRAPHYID: int NOT NULL  
📅 OPPORTUNITYSTATUSID: int NOT NULL

COUNT: int NOT NULL  
AMOUNT: money NOT NULL  
GROSSMARGIN: money NOT NULL

**CTL\_BI\_HISTORY\_FACT**

📅 CALENDARDATE: datetime NOT NULL  
📅 COMPANYID: int NOT NULL  
📅 OPPORTUNITYID: int NOT NULL  
📅 HISTORYTYPEID: int NOT NULL  
📅 CONTACTID: int NOT NULL  
📅 GROUPID: int NOT NULL  
📅 USERID: int NOT NULL

COUNT: bigint NOT NULL  
DURATION: bigint NOT NULL

**CTL\_BI\_GROUP\_DIM**

📅 GROUPID: int NOT NULL

GROUPNAME: nvarchar(255) NULL

**Table(s) of "CTL BI CALENDARDATE DIM" Picture Object**

<b>Name</b>	CTL_BI_CALENDARDATE_DIM
<b>Comment</b>	A BI (Business Intelligence) calendar Dimension. At each BI refresh, the minimum date in this calendar gets set to the earliest date in either TBL_HISTORY or TBL_OPPORTUNITY; the maximum date is never later than today's date. In Sage ACT! ver 15, future dates are not included in BI reports. Past Activities are included, but not scheduled future Activities; past Opportunities, both Won and Lost are included, but not Open Opportunities, since those are in the future, and their final resolution is ambiguous.

**Column(s) of "CTL BI CALENDARDATE DIM" Table**

Name	Datatype	Comment	Null Option	Is PK	Is FK
CALENDARDATE	datetime	Primary Key	NOT NULL	Yes	No
YEAR	nvarchar(64)	A calculated column	NULL	No	No
MONTH	nvarchar(64)	A calculated column	NULL	No	No
QUARTER	nvarchar(64)	A calculated column	NULL	No	No
DAYOFWEEK	nvarchar(64)	A calculated column	NULL	No	No

**Index(s) of "CTL BI CALENDARDATE DIM" Table**

Name	Type	Unique
CTL_BI_CALENDARDATE_DIM_PK	PK	Yes

**Member(s) of "CTL BI CALENDARDATE DIM\_PK" Index**

Column
Name
CALENDARDATE

Table(s) of "CTL BI CONTACT DIM" Picture Object	
<b>Name</b>	CTL BI CONTACT DIM
<b>Comment</b>	A BI (Business Intelligence) Contact Dimension.

Column(s) of "CTL BI CONTACT DIM" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
CONTACTID	int	Primary Key. This is a generated integer, not the ACT GUID.	NOT NULL	Yes	No
CONTACTNAME	nvarchar(255)	The Contact name as it appears in ACT!	NULL	No	No

Index(s) of "CTL BI CONTACT DIM" Table		
Name	Type	Unique
CTL BI CONTACT DIM_PK	PK	Yes

**Member(s) of "CTL BI CONTACT DIM\_PK" Index**

Column
Name
CONTACTID



Table(s) of "CTL BI COMPANY DIM" Picture Object	
<b>Name</b>	CTL_BI_COMPANY_DIM
<b>Comment</b>	A BI (Business Intelligence) Company Dimension.

Column(s) of "CTL BI COMPANY DIM" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
COMPANYID	int	Primary Key. This is a generated integer, not the ACT GUID.	NOT NULL	Yes	No
COMPANYNAME	nvarchar(255)	The Company name as it appears in ACT!	NULL	No	No

Index(s) of "CTL BI COMPANY DIM" Table		
Name	Type	Unique
CTL_BI_COMPANY_DIM_PK	PK	Yes

**Member(s) of "CTL BI COMPANY DIM PK" Index**

Column
Name
COMPANYID

**Table(s) of "CTL BI GEOGRAPHY DIM" Picture Object**

<b>Name</b>	CTL_BI_GEOGRAPHY_DIM
<b>Comment</b>	A BI (Business Intelligence) Geographic Dimension.

**Column(s) of "CTL BI GEOGRAPHY DIM" Table**

<b>Name</b>	<b>Datatype</b>	<b>Comment</b>	<b>Null Option</b>	<b>Is PK</b>	<b>Is FK</b>
GEOGRAPHYID	int	Primary Key. A generated integer.	NOT NULL	Yes	No
COUNTRYNAME	nvarchar(255)		NULL	No	No
STATEORPROVINCE	nvarchar(255)		NULL	No	No
CITY	nvarchar(255)		NULL	No	No
ZIPORPOSTALCODE	nvarchar(255)		NULL	No	No

**Index(s) of "CTL BI GEOGRAPHY DIM" Table**

<b>Name</b>	<b>Type</b>	<b>Unique</b>
CTL_BI_GEOGRAPHY_PK	PK	Yes

**Member(s) of "CTL BI GEOGRAPHY PK" Index****Column**

<b>Name</b>
GEOGRAPHYID

**Table(s) of "CTL BI GROUP DIM" Picture Object**

<b>Name</b>	CTL_BI_GROUP_DIM
<b>Comment</b>	A BI (Business Intelligence) Group Dimension.

**Column(s) of "CTL BI GROUP DIM" Table**

<b>Name</b>	<b>Datatype</b>	<b>Comment</b>	<b>Null Option</b>	<b>Is PK</b>	<b>Is FK</b>
GROUPID	int	Primary Key. This is a generated integer, not the ACT GUID.	NOT NULL	Yes	No
GROUPNAME	nvarchar(255)	The Group name as it appears in ACT!	NULL	No	No

**Index(s) of "CTL BI GROUP DIM" Table**

<b>Name</b>	<b>Type</b>	<b>Unique</b>
CTL_BI_GROUP_DIM_PK	PK	Yes

**Member(s) of "CTL BI GROUP\_DIM\_PK" Index****Column**

<b>Name</b>
GROUPID

Table(s) of "CTL BI HISTORYTYPE_DIM" Picture Object	
<b>Name</b>	CTL BI HISTORYTYPE_DIM
<b>Comment</b>	The BI (Business Intelligence) Dimension categorizing History Types. Contains a hierarchy of SuperGroup, Group and Type.

Column(s) of "CTL BI HISTORYTYPE_DIM" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
HISTORYTYPEID	int	Primary Key. This is a generated integer, it does not come from another table.	NOT NULL	Yes	No
HISTORYTYPENAME	nvarchar(255)	The third and lowest level in the hierarchy for categorizing Activity History. User extensible. Sample values: Meeting Held, Meeting Erased; Call Attempted, Call Received, Call Completed.	NULL	No	No
HISTORYTYPEGROUPNAME	nvarchar(255)	The second level in the hierarchy for categorizing Activity History. User extensible. Sample values: Meeting, Call, To-Do, etc.	NULL	No	No
HISTORYTYPEUPERGROUPNAME	nvarchar(255)	The highest level in the hierarchy for categorizing Activity History. Not user extensible.	NULL	No	No

Index(s) of "CTL BI HISTORYTYPE_DIM" Table		
Name	Type	Unique
CTL BI HISTORYTYPE_DIM_PK	PK	Yes

**Member(s) of "CTL BI HISTORYTYPE\_DIM\_PK" Index**

Column
Name
HISTORYTYPEID

Table(s) of "CTL BI INDUSTRY DIM" Picture Object	
<b>Name</b>	CTL BI INDUSTRY_DIM
<b>Comment</b>	A BI (Business Intelligence) Industry Dimension. The quality of this data depends on whether ACT! is used to faithfully categorize companies according to their industry, and whether companies are related to ACT! Opporunities.

Column(s) of "CTL BI INDUSTRY_DIM" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
INDUSTRYID	int	Primary Key. This is a generated integer, it does not come from another table.	NOT NULL	Yes	No
INDUSTRYNAME	nvarchar(255)	The Industry column from the ACT! table TBL_COMPANY.	NULL	No	No

Index(s) of "CTL BI INDUSTRY_DIM" Table		
Name	Type	Unique
CTL BI INDUSTRY_DIM_PK	PK	Yes

Member(s) of "CTL BI INDUSTRY_DIM_PK" Index

Column
Name
INDUSTRYID

Table(s) of "CTL BI OPPORTUNITY_DIM" Picture Object	
<b>Name</b>	CTL_BI_OPPORTUNITY_DIM
<b>Comment</b>	A BI (Business Intelligence) Opportunity Dimension, containing just the Opportunity Name.

Column(s) of "CTL BI OPPORTUNITY_DIM" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
OPPORTUNITYID	int	Primary Key. This is a generated integer, not the ACT GUID.	NOT NULL	Yes	No
OPPORTUNITYNAME	nvarchar(255)		NULL	No	No

Index(s) of "CTL BI OPPORTUNITY_DIM" Table		
Name	Type	Unique
CTL_BI_OPPORTUNITY_DIM_PK	PK	Yes

**Member(s) of "CTL BI OPPORTUNITY\_DIM\_PK" Index**

Column
Name
OPPORTUNITYID

Table(s) of "CTL BI OPPORTUNITYSTATUS_DIM" Picture Object	
<b>Name</b>	CTL_BI_OPPORTUNITYSTATUS_DIM
<b>Comment</b>	The BI (Business Intelligence) Opportunity Status Dimension. Possible values are 'Won' or 'Lost'. Only Closed Opportunities are represented in the BI model.

Column(s) of "CTL BI OPPORTUNITYSTATUS_DIM" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
OPPORTUNITYSTATUSID	int	Primary Key. This is a generated integer, it does not come from another table.	NOT NULL	Yes	No
OPPORTUNITYSTATUSNAME	nvarchar(255)	Generated character value. One of: Won, Lost.	NULL	No	No

Index(s) of "CTL BI OPPORTUNITYSTATUS_DIM" Table		
Name	Type	Unique
CTL_BI_OPPORTUNITYSTATUS_DIM_PK	PK	Yes

**Member(s) of "CTL BI \_ OPPORTUNITYSTATUS\_DIM\_PK" Index**

Column
Name
OPPORTUNITYSTATUSID

Table(s) of "CTL_BI_USER_DIM" Picture Object	
<b>Name</b>	CTL_BI_USER_DIM
<b>Comment</b>	A BI (Business Intelligence) User Dimension, containing just the ACT! User. Users can be related to both Opportunities or History FACTs.

Column(s) of "CTL_BI_USER_DIM" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
USERID	int	Primary Key. This is a generated integer, it does not come from another table.	NOT NULL	Yes	No
USERNAME	nvarchar(255)	The full name of the Contact / User, as it appears in ACT!	NULL	No	No

Index(s) of "CTL_BI_USER_DIM" Table		
Name	Type	Unique
CTL_BI_USER_DIM_PK	PK	Yes

**Member(s) of "CTL\_BI\_USER\_DIM\_PK" Index**

Column
Name
USERID



Table(s) of "CTL BI HISTORY FACT" Picture Object	
<b>Name</b>	CTL_BI_HISTORY_FACT
<b>Comment</b>	The BI (Business Intelligence) History FACT table, holding Count and Duration.Participating Dimension tables are: User, Company, Group, Contact, Opportunity and Calendar. Plus, each Activity FACT contains a History Type hierarchy. See the CTL_BI_HISTORY_TYPE_DIM table for further notes.

Column(s) of "CTL BI HISTORY FACT" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
CALENDARDATE	datetime	Primary Key	NOT NULL	Yes	No
COMPANYID	int	Primary Key	NOT NULL	Yes	No
OPPORTUNITYID	int	Primary Key	NOT NULL	Yes	No
HISTORYTYPEID	int	Primary Key	NOT NULL	Yes	No
CONTACTID	int	Primary Key	NOT NULL	Yes	No
GROUPID	int	Primary Key	NOT NULL	Yes	No
USERID	int	Primary Key	NOT NULL	Yes	No
COUNT	bigint	Simple count of the Activities, aggregated under the Dimension keys.	NOT NULL	No	No
DURATION	bigint	Total Duration in seconds, of the Activities aggregated under the Dimension keys.	NOT NULL	No	No

Index(s) of "CTL BI HISTORY FACT" Table		
Name	Type	Unique
CTL_BI_HISTORY_FACT_PK	PK	Yes

**Member(s) of "CTL BI HISTORY FACT\_PK" Index**

Column
Name
CALENDARDATE

Column
Name
COMPANYID

Column
Name
OPPORTUNITYID

Column
Name
HISTORYTYPEID

Column
Name
CONTACTID

Column
Name
GROUPID

Column
Name
USERID

Table(s) of "CTL BI OPPORTUNITY FACT" Picture Object	
<b>Name</b>	CTL BI OPPORTUNITY_FACT
<b>Comment</b>	The BI (Business Intelligence) Opportunity FACT table, holding Count, Amount and Gross Margin. Participating Dimension tables are: Calendar, Opportunity Status, Geography, Company, User and Industry. Only Closed Opportunities are captured, either Won or Lost.

Column(s) of "CTL BI OPPORTUNITY_FACT" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
INDUSTRYID	int	Primary Key	NOT NULL	Yes	No
CALENDARDATE	datetime	Primary Key	NOT NULL	Yes	No
USERID	int	Primary Key	NOT NULL	Yes	No
COMPANYID	int	Primary Key	NOT NULL	Yes	No
GEOGRAPHYID	int	Primary Key	NOT NULL	Yes	No
OPPORTUNITYSTATUSID	int	Primary Key	NOT NULL	Yes	No
COUNT	int	Simple count of the Opportunities aggregated under the Dimension keys.	NOT NULL	No	No
AMOUNT	money	Total dollar amount of the Opportunities aggregated under the Dimension keys.	NOT NULL	No	No
GROSSMARGIN	money	Total gross margin, in dollars, of the Opportunities aggregated under the Dimension keys.	NOT NULL	No	No

Index(s) of "CTL BI OPPORTUNITY_FACT" Table		
Name	Type	Unique
CTL BI OPPORTUNITY_FACT_PK	PK	Yes

**Member(s) of "CTL BI OPPORTUNITY\_FACT\_PK" Index**

Column
Name
INDUSTRYID

Column
Name
CALENDARDATE

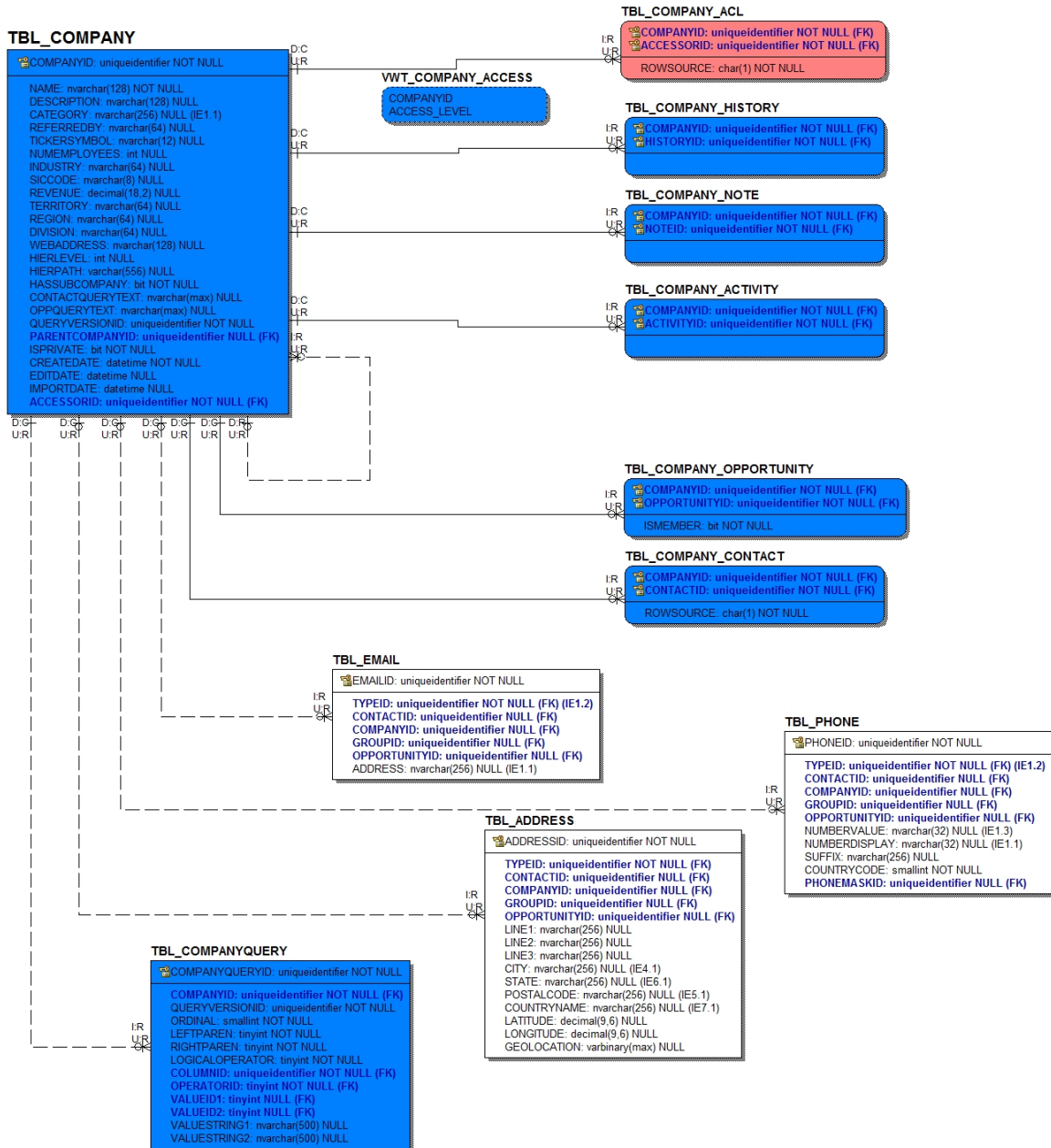
Column
Name
USERID

Column
Name
COMPANYID

Column
Name
GEOGRAPHYID

Column
Name
OPPORTUNITYSTATUSID

# COMPANY / Attributes - Physical



Table(s) of "TBL_COMPANY" Picture Object	
<b>Name</b>	TBL_COMPANY
<b>Comment</b>	A COMPANY represents a high-level Entity which can be associated to one or more Contacts, or none. Contains self-referencing information specific to hierarchy. Has a supporting child table for dynamic queries TBL_GROUPQUERY. A Company record can have associated data such as Notes, Histories, etc. not associated with any Contact. Contact membership can be either static, dynamic or both. The base table for the user-extensible Entity "Company".

Column(s) of "TBL_COMPANY" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
COMPANYID	uniqueidentifier	PRIMARY KEY. Optional Foreign Key in the Contact table (TBL_CONTACT) when a Contact is Linked.	NOT NULL	Yes	No
PARENTCOMPANYID	uniqueidentifier	Optional self-referencing foreign key. Will be populated if the Company is a sub-Company (division) of another Company record in the table.	NULL	No	Yes
NAME	nvarchar(128)	Core field, mandatory, UNIQUE. The name of the Company.	NOT NULL	No	No
CATEGORY	nvarchar(256)	Category assigned to the Account. This is known as the ID/Status field.	NULL	No	No
REFERREDBY	nvarchar(64)	The Referral Source of the record.	NULL	No	No
TICKERSYMBOL	nvarchar(12)	Optional Stock Ticker Symbol.	NULL	No	No
INDUSTRY	nvarchar(64)	Optional Name/title of the type of Industry for the Company.	NULL	No	No
SICCODE	nvarchar(8)	The SIC (Standard Industrial Classification) code of the Company.	NULL	No	No
NUMEMPLOYEES	int	Optional Number of employees in the Company.	NULL	No	No
WEBADDRESS	nvarchar(128)	Core Field. Web address (URL) for the Company. Note that this is a default Company-Contact Linked field.	NULL	No	No
TERRITORY	nvarchar(64)	A geographical assignment for the Company.	NULL	No	No
REVENUE	decimal(18,2)	Annual Revenue value for the Company.	NULL	No	No
DIVISION	nvarchar(64)	If the Company record is a sub-unit of some other Company record, whether it resides in the database or not.	NULL	No	No
DESCRIPTION	nvarchar(128)	Optional narrative description text for the Company record.	NULL	No	No
REGION	nvarchar(64)	A geographical assignment for the Company.	NULL	No	No

CREATEDATE	datetime	Date and Time the record was created. This value does not change; for conversion and import (from another ACT! database) this value will be the value of the source record.	NOT NULL	No	No
EDITDATE	datetime	Date and Time the record was last edited - either directly or indirectly via the creation or edit of an associated record	NULL	No	No
OPPQUERYTEXT	nvarchar(max)	A system field containing the pre-constructed SQL query to identify and retrieve associated Opportunities as defined by dynamic criteria.	NULL	No	No
CONTACTQUERYTEXT	nvarchar(max)	A system field containing the pre-constructed SQL query to identify and retrieve member Contacts as defined by dynamic criteria.	NULL	No	No
HASSUBCOMPANY	bit	Boolean system field. Indicates whether the Company record has other Company records below it in the hierarchical structure.	NOT NULL	No	No
HIERPATH	varchar(556)	A system field used to identify hierarchical information for the Company.	NULL	No	No
HIERLEVEL	int	A system field used to identify hierarchical information for the Company.	NULL	No	No
ISPRIVATE	bit	Boolean. Specifies if the record is Private to one User or not. Values are: 0 = Not Private 1 = Private If Private, only the Record Manager may view the record. Only the Record Manager, or another user with Manage Others Users [recordtype] can change this value. A Private record will have only one ACL record, and that is for the Record Manager.	NOT NULL	No	No

QUERYVERSIONID	uniqueidentifier	System field (GUID). A unique id generated each time a record's query Criteria has been added, changed or removed. This id is used to verify/validate it's child TBL_XXXXXQUERY records which comprise the QUERYTEXT field in this table.	NOT NULL	No	No
IMPORTDATE	datetime	Optional Date and Time that the record was last Imported and/or Merged via the Import Process/Task.	NULL	No	No
ACCESSORID	uniqueidentifier		NOT NULL	No	Yes

#### Default(s) of "HASSUBCOMPANY" Column

Name	Default
TBL_COMPANY_HASSUBCOMPANY_DEF	0

#### Default(s) of "ISPRIVATE" Column

Name	Default
TBL_COMPANY_ISPRIVATE_DEF	0

#### Index(s) of "TBL\_COMPANY" Table

Name	Type	Unique
TBL_COMPANY_PK	PK	Yes
TBL_COMPANY_IE1	IE1	No
TBL_COMPANY_IF1	IF1	No
TBL_COMPANY_IF2	IF2	No
TBL_COMPANY_IF3	IF3	No
TBL_COMPANY_IF4	IF4	No

#### Member(s) of "TBL\_COMPANY\_PK" Index

##### Column

Name
COMPANYID

#### Physical Property(s) of "TBL\_COMPANY\_PK" Index

FILLFACTOR
85

#### Member(s) of "TBL\_COMPANY\_IE1" Index

##### Column

Name
CATEGORY

#### Physical Property(s) of "TBL\_COMPANY\_IE1" Index

FILLFACTOR
85

#### Member(s) of "TBL\_COMPANY\_IF1" Index

##### Column

Name
PARENTCOMPANYID

#### Physical Property(s) of "TBL\_COMPANY\_IF1" Index

FILLFACTOR
85

#### Member(s) of "TBL\_COMPANY\_IF2" Index

Column
Name
ACCESSORID

**Member(s) of "TBL\_COMPANY\_IF3" Index**

Column
Name
ACCESSORID

**Member(s) of "TBL\_COMPANY\_IF4" Index**

Column
Name
ACCESSORID

**Trigger(s) of "TBL\_COMPANY" Table**

Name	Type
TBL_COMPANY_TRD1	DELETE
TBL_COMPANY_TRI1	INSERT
TBL_COMPANY_TRU1	UPDATE
TBL_COMPANY_TRI2	INSERT
TBL_COMPANY_TRU2	UPDATE

**Table(s) of "TBL\_COMPANY\_NOTE" Picture Object**

<b>Name</b>	TBL_COMPANY_NOTE
<b>Comment</b>	An associative table relating one or more COMPANY records with one or more NOTE records.

**Column(s) of "TBL\_COMPANY\_NOTE" Table**

Name	Datatype	Comment	Null Option	Is PK	Is FK
COMPANYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Company record.	NOT NULL	Yes	Yes
NOTEID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Note record.	NOT NULL	Yes	Yes

**Index(s) of "TBL\_COMPANY\_NOTE" Table**

Name	Type	Unique
TBL_COMPANY_NOTE_PK	PK	Yes
TBL_COMPANY_NOTE_IF144	IF144	No

**Member(s) of "TBL\_COMPANY\_NOTE\_PK" Index****Column**

<b>Name</b>
COMPANYID

**Column**

<b>Name</b>
NOTEID

**Physical Property(s) of "TBL\_COMPANY\_NOTE\_PK" Index****FILLFACTOR**

75

**Member(s) of "TBL\_COMPANY\_NOTE\_IF144" Index****Column**

<b>Name</b>
NOTEID

**Physical Property(s) of "TBL\_COMPANY\_NOTE\_IF144" Index****FILLFACTOR**

75



Table(s) of "TBL_COMPANY_HISTORY" Picture Object	
<b>Name</b>	TBL_COMPANY_HISTORY
<b>Comment</b>	An associative table relating one or more COMPANY records with one or more HISTORY records.

Column(s) of "TBL_COMPANY_HISTORY" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
COMPANYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Company record.	NOT NULL	Yes	Yes
HISTORYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the History record.	NOT NULL	Yes	Yes

Index(s) of "TBL_COMPANY_HISTORY" Table		
Name	Type	Unique
TBL_COMPANY_HISTORY_PK	PK	Yes
TBL_COMPANY_HISTORY_IF147	IF147	No

**Member(s) of "TBL\_COMPANY\_HISTORY\_PK" Index**

Column
Name
COMPANYID

Column
Name
HISTORYID

Physical Property(s) of "TBL_COMPANY_HISTORY_PK" Index
FILLFACTOR
75

**Member(s) of "TBL\_COMPANY\_HISTORY\_IF147" Index**

Column
Name
HISTORYID

Physical Property(s) of "TBL_COMPANY_HISTORY_IF147" Index
FILLFACTOR
75

Table(s) of "TBL_ADDRESS" Picture Object	
<b>Name</b>	TBL_ADDRESS
<b>Comment</b>	The base table for all Address records for the three extensible Entities: Contact, Group, Company, Opportunity A child table which has an exclusive, one of three possible relationships back to the associated Entity base table. These records are flattened and presented as "Virtual" columns on the associated Entity record.

Column(s) of "TBL_ADDRESS" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
ADDRESSID	uniqueidentifier	Primary Key.	NOT NULL	Yes	No
LINE1	nvarchar(256)	Address Line 1	NULL	No	No
CONTACTID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Contact record (TBL_CONTACT).	NULL	No	Yes
LINE2	nvarchar(256)	Address Line 2	NULL	No	No
LINE3	nvarchar(256)	Address Line 3	NULL	No	No
CITY	nvarchar(256)	The City value	NULL	No	No
STATE	nvarchar(256)	The State/County/Province value.	NULL	No	No
POSTALCODE	nvarchar(256)	Zip code (United States) of the address, otherwise an international Postal Code.	NULL	No	No
TYPEID	uniqueidentifier	RECORDTYPE. Foreign Keys to TBL_PICKLISTITEM to identify the instance of the record. It has a companion field of TYPENUM as a recordtype enumerator. An example may be Home or Billing.	NOT NULL	No	Yes
COUNTRYNAME	nvarchar(256)	The string value of the Country in table TBL_COUNTRY. Denormalized attribute.	NULL	No	No
COMPANYID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Company record.	NULL	No	Yes
GROUPID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Group record.	NULL	No	Yes
OPPORTUNITYID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Opportunity record.	NULL	No	Yes
LATITUDE	decimal(9,6)		NULL	No	No
LONGITUDE	decimal(9,6)		NULL	No	No
GEOLOCATION	varbinary(max)	Computed Column, based on Latitude and Longitude	NULL	No	No

Index(s) of "TBL_ADDRESS" Table		
Name	Type	Unique
TBL_ADDRESS_PK	PK	Yes
TBL_ADDRESS_IE4	IE4	No
TBL_ADDRESS_IE5	IE5	No
TBL_ADDRESS_IE6	IE6	No
TBL_ADDRESS_IE7	IE7	No
TBL_ADDRESS_IF20	IF20	No
TBL_ADDRESS_IF4	IF4	No
TBL_ADDRESS_IF5	IF5	No
TBL_ADDRESS_IF701	IF701	No
TBL_ADDRESS_IF702	IF702	No

Member(s) of "TBL_ADDRESS PK" Index
-------------------------------------

<b>Column</b>
<b>Name</b>
ADDRESSID

**Member(s) of "TBL\_ADDRESS\_IE4" Index**

<b>Column</b>
<b>Name</b>
CITY

<b>Physical Property(s) of "TBL_ADDRESS_IE4" Index</b>
<b>FILLFACTOR</b>
75

**Member(s) of "TBL\_ADDRESS\_IE5" Index**

<b>Column</b>
<b>Name</b>
POSTALCODE

<b>Physical Property(s) of "TBL_ADDRESS_IE5" Index</b>
<b>FILLFACTOR</b>
75

**Member(s) of "TBL\_ADDRESS\_IE6" Index**

<b>Column</b>
<b>Name</b>
STATE

<b>Physical Property(s) of "TBL_ADDRESS_IE6" Index</b>
<b>FILLFACTOR</b>
75

**Member(s) of "TBL\_ADDRESS\_IE7" Index**

<b>Column</b>
<b>Name</b>
COUNTRYNAME

<b>Physical Property(s) of "TBL_ADDRESS_IE7" Index</b>
<b>FILLFACTOR</b>
75

**Member(s) of "TBL\_ADDRESS\_IF20" Index**

<b>Column</b>
<b>Name</b>
CONTACTID

**Member(s) of "TBL\_ADDRESS\_IF4" Index**

<b>Column</b>
<b>Name</b>
COMPANYID

**Member(s) of "TBL\_ADDRESS\_IF5" Index**

<b>Column</b>
<b>Name</b>
GROUPID

**Member(s) of "TBL\_ADDRESS\_IF701" Index**

<b>Column</b>
<b>Name</b>

TYPEID
--------

<b>Member(s) of "TBL_ADDRESS_IF702" Index</b>
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<b>Column</b>
---------------

<b>Name</b>
-------------

OPPORTUNITYID
---------------

<b>Trigger(s) of "TBL_ADDRESS" Table</b>
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<b>Name</b>	<b>Type</b>
-------------	-------------

TBL_ADDRESS_TRI1	INSERT
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TBL_ADDRESS_TRU1	UPDATE
------------------	--------

Table(s) of "TBL_EMAIL" Picture Object	
<b>Name</b>	TBL_EMAIL
<b>Comment</b>	The base table for all Email records for the three extensible Entities: Contact, Group, Company, Opportunity A child table which has an exclusive, one of three possible relationships back to the associated Entity base table. These records are flattened and presented as "Virtual" columns on the associated Entity record.

Column(s) of "TBL_EMAIL" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
EMAILID	uniqueidentifier	Primary Key.	NOT NULL	Yes	No
CONTACTID	uniqueidentifier	Foreign Key. Relates to the PRIMARY KEY for the Contact record.	NULL	No	Yes
ADDRESS	nvarchar(256)	The full string value of the Email address value, i.e. jsmith@aol.com	NULL	No	No
TYPEID	uniqueidentifier	RECORDTYPE. Foreign Keys to PICKLISTITEM to identify the instance of the record. It has a companion field of TYPENUM as a recordtype enumerator. An example may be Work or Personal	NOT NULL	No	Yes
COMPANYID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Company record.	NULL	No	Yes
GROUPID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Group record.	NULL	No	Yes
OPPORTUNITYID	uniqueidentifier	PRIMARY KEY.	NULL	No	Yes

Index(s) of "TBL_EMAIL" Table		
Name	Type	Unique
TBL_EMAIL_PK	PK	Yes
TBL_EMAIL_IE1	IE1	No
TBL_EMAIL_IF3	IF3	No
TBL_EMAIL_IF4	IF4	No
TBL_EMAIL_IF699	IF699	No
TBL_EMAIL_IF700	IF700	No
TBL_EMAIL_IF80	IF80	No

**Member(s) of "TBL\_EMAIL\_PK" Index**

Column
Name
EMAILID

**Member(s) of "TBL\_EMAIL\_IE1" Index**

Column
Name
ADDRESS

Column
Name
TYPEID

Physical Property(s) of "TBL_EMAIL_IE1" Index
FILLFACTOR
75

**Member(s) of "TBL\_EMAIL\_IF3" Index**

Column
Name
COMPANYID

**Member(s) of "TBL\_EMAIL\_IF4" Index**

Column
Name
GROUPID

**Member(s) of "TBL\_EMAIL\_IF699" Index**

Column
Name
TYPEID

**Member(s) of "TBL\_EMAIL\_IF700" Index**

Column
Name
OPPORTUNITYID

**Member(s) of "TBL\_EMAIL\_IF80" Index**

Column
Name
CONTACTID

**Physical Property(s) of "TBL\_EMAIL\_IF80" Index**

FILLFACTOR
75

**Trigger(s) of "TBL\_EMAIL" Table**

Name	Type
TBL_EMAIL_TRI1	INSERT
TBL_EMAIL_TRU1	UPDATE

Table(s) of "TBL_PHONE" Picture Object	
<b>Name</b>	TBL_PHONE
<b>Comment</b>	The base table for all Phone records for the extensible Entities, including: Contact, Group, Company, Opportunity A child table which has an exclusive, one of three possible relationships back to the associated Entity base table. These records are flattened and presented as "Virtual" columns on the associated Entity record.

Column(s) of "TBL_PHONE" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
PHONEID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	No
CONTACTID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Contact record.	NULL	No	Yes
NUMBERVALUE	nvarchar(32)	INTERNAL SYSTEM FIELD. The numeric storage of the phone number.	NULL	No	No
SUFFIX	nvarchar(256)	Any value to append to the Phone Number field. This could include a value for: - Extension - Pager Pin	NULL	No	No
TYPEID	uniqueidentifier	RECORDTYPE. Foreign Keys to PICKLISTITEM to identify the instance of the record. It has a companion field of TYPENUM as a Recordtype Enumerator. An example may be Work or Home	NOT NULL	No	Yes
NUMBERDISPLAY	nvarchar(32)	The string formatted representation of the phone number including any Phonemask which has been applied.	NULL	No	No
COMPANYID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Company record	NULL	No	Yes
GROUPID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Group record.	NULL	No	Yes
COUNTRYCODE	smallint	FOREIGN KEY. Relates to the PRIMARY KEY for the Country record - used to support Phonemasks.	NOT NULL	No	No
PHONEMASKID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Phonemask (TBL_PHONEMASK) record.	NULL	No	Yes
OPPORTUNITYID	uniqueidentifier	PRIMARY KEY.	NULL	No	Yes

Default(s) of "COUNTRYCODE" Column	
Name	Default
TBL_PHONE_COUNTRYCODE_DEF	1

Index(s) of "TBL_PHONE" Table		
Name	Type	Unique
TBL_PHONE_PK	PK	Yes
TBL_PHONE_IE1	IE1	No
TBL_PHONE_IF4	IF4	No
TBL_PHONE_IF5	IF5	No

TBL_PHONE_IF700	IF700	No
TBL_PHONE_IF701	IF701	No
TBL_PHONE_IF702	IF702	No
TBL_PHONE_IF75	IF75	No

**Member(s) of "TBL\_PHONE\_PK" Index**

**Column**

**Name**

PHONEID

**Member(s) of "TBL\_PHONE\_IE1" Index**

**Column**

**Name**

NUMBERDISPLAY

**Column**

**Name**

TYPEID

**Column**

**Name**

NUMBERVALUE

**Physical Property(s) of "TBL\_PHONE\_IE1" Index**

**FILLFACTOR**

75

**Member(s) of "TBL\_PHONE\_IF4" Index**

**Column**

**Name**

COMPANYID

**Member(s) of "TBL\_PHONE\_IF5" Index**

**Column**

**Name**

GROUPID

**Member(s) of "TBL\_PHONE\_IF700" Index**

**Column**

**Name**

TYPEID

**Member(s) of "TBL\_PHONE\_IF701" Index**

**Column**

**Name**

PHONEMASKID

**Member(s) of "TBL\_PHONE\_IF702" Index**

**Column**

**Name**

OPPORTUNITYID

**Member(s) of "TBL\_PHONE\_IF75" Index**

**Column**

**Name**



CONTACTID
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Trigger(s) of "TBL_PHONE" Table	
Name	Type
TBL_PHONE_TRI1	INSERT
TBL_PHONE_TRU1	UPDATE

Table(s) of "TBL_COMPANYQUERY" Picture Object	
<b>Name</b>	TBL_COMPANYQUERY
<b>Comment</b>	A child/supporting table to TBL_COMPANY; identifies each row of a dynamic query for determining Contact membership (optional).

Column(s) of "TBL_COMPANYQUERY" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
COMPANYQUERYID	uniqueidentifier	Primary Key.	NOT NULL	Yes	No
ORDINAL	smallint	The line number (sequence) of where this record falls within the overall query; important for purposes of nesting (ANDs and ORs).	NOT NULL	No	No
LEFTPAREN	tinyint		NOT NULL	No	No
RIGHTPAREN	tinyint		NOT NULL	No	No
LOGICALOPERATOR	tinyint		NOT NULL	No	No
VALUESTRING1	nvarchar(500)		NULL	No	No
VALUESTRING2	nvarchar(500)		NULL	No	No
COLUMNID	uniqueidentifier	Foreign Key.	NOT NULL	No	Yes
OPERATORID	tinyint	Foreign Key.	NOT NULL	No	Yes
VALUEID2	tinyint		NULL	No	Yes
VALUEID1	tinyint		NULL	No	Yes
COMPANYID	uniqueidentifier	PRIMARY KEY. Optional Foreign Key in the CONTACT table.	NOT NULL	No	Yes
QUERYVERSIONID	uniqueidentifier	SYSTEM Field (GUID). A unique id generated each time a record's query Criteria has been added, changed or removed. This id is used to verify/validate it's child TBL_XXXXXQUERY records which comprise the QUERYTEXT field in this table.	NOT NULL	No	No

Index(s) of "TBL_COMPANYQUERY" Table		
Name	Type	Unique
TBL_COMPANYQUERY_PK	PK	Yes
TBL_COMPANYQUERY_IF1	IF1	No
TBL_COMPANYQUERY_IF2	IF2	No
TBL_COMPANYQUERY_IF3	IF3	No
TBL_COMPANYQUERY_IF4	IF4	No
TBL_COMPANYQUERY_IF5	IF5	No

**Member(s) of "TBL\_COMPANYQUERY\_PK" Index**

Column
<b>Name</b>
COMPANYQUERYID

**Member(s) of "TBL\_COMPANYQUERY\_IF1" Index**

Column
<b>Name</b>
COLUMNID

**Member(s) of "TBL\_COMPANYQUERY\_IF2" Index**

Column
<b>Name</b>

OPERATORID
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<b>Member(s) of "TBL_COMPANYQUERY_IF3" Index</b>
--

<b>Column</b>
---------------

<b>Name</b>
-------------

VALUEID2
----------

<b>Member(s) of "TBL_COMPANYQUERY_IF4" Index</b>
--

<b>Column</b>
---------------

<b>Name</b>
-------------

VALUEID1
----------

<b>Member(s) of "TBL_COMPANYQUERY_IF5" Index</b>
--

<b>Column</b>
---------------

<b>Name</b>
-------------

COMPANYID
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Table(s) of "TBL_COMPANY_ACL" Picture Object	
Name	TBL_COMPANY_ACL
Comment	

Column(s) of "TBL_COMPANY_ACL" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
COMPANYID	uniqueidentifier	PRIMARY KEY. Optional Foreign Key in the Contact table (TBL_CONTACT) when a Contact is Linked.	NOT NULL	Yes	Yes
ROWSOURCE	char(1)	SYSTEM FIELD. Used to optimize Synchronization (if enabled). Identifies whether the record was inserted by: A - the Application T - a Trigger Trigger-inserted records are not Sync'd	NOT NULL	No	No
ACCESSORID	uniqueidentifier		NOT NULL	Yes	Yes

Default(s) of "ROWSOURCE" Column	
Name	Default
TBL_COMPANY_ACL_ROWSOURCE_DEF	'A'

Validation(s) of "ROWSOURCE" Column				
Name	Type	Min	Max	Rule
TBL_COMPANY_ACL_ROWSOURCE_CHK	TBL_COMPANY_ACL_ROWSOURCE_CHK			ROWSOURCE IN ('A', 'T')

Index(s) of "TBL_COMPANY_ACL" Table		
Name	Type	Unique
TBL_COMPANY_ACL_PK	PK	Yes
TBL_COMPANY_ACL_IF2	IF2	No

**Member(s) of "TBL\_COMPANY\_ACL\_PK" Index**

Column
Name
COMPANYID

Column
Name
ACCESSORID

**Member(s) of "TBL\_COMPANY\_ACL\_IF2" Index**

Column
Name
ACCESSORID

Table(s) of "TBL_COMPANY_CONTACT" Picture Object	
<b>Name</b>	TBL_COMPANY_CONTACT
<b>Comment</b>	An associative table relating one or more COMPANY records with one or more CONTACT records. These records represent static Contacts for a Company (NOT Linked Contacts).

Column(s) of "TBL_COMPANY_CONTACT" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
COMPANYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Company record.	NOT NULL	Yes	Yes
CONTACTID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Company record.	NOT NULL	Yes	Yes
ROWSOURCE	char(1)	System field used to determine the source/origin of the record. Used by Sync.	NOT NULL	No	No

Default(s) of "ROWSOURCE" Column	
Name	Default
TBL_COMPANY_CONTACT_ROWSOURCE_DEF	'A'

Validation(s) of "ROWSOURCE" Column				
Name	Type	Min	Max	Rule
TBL_COMPANY_CONTACT_ROWSOURCE_CHK	TBL_COMPANY_CONTACT_ROWSOURCE_CHK			ROWSOURCE IN ('A', 'T')

Index(s) of "TBL_COMPANY_CONTACT" Table		
Name	Type	Unique
TBL_COMPANY_CONTACT_PK	PK	Yes
TBL_COMPANY_CONTACT_IF2	IF2	No

**Member(s) of "TBL\_COMPANY\_CONTACT\_PK" Index**

Column
Name
COMPANYID

Column
Name
CONTACTID

Physical Property(s) of "TBL_COMPANY_CONTACT_PK" Index
FILLFACTOR
75

**Member(s) of "TBL\_COMPANY\_CONTACT\_IF2" Index**

Column
Name
CONTACTID

Table(s) of "TBL_COMPANY_ACTIVITY" Picture Object	
<b>Name</b>	TBL_COMPANY_ACTIVITY
<b>Comment</b>	An associative table relating one or more COMPANY records with one or more ACTIVITY records.

Column(s) of "TBL_COMPANY_ACTIVITY" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
COMPANYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Company record.	NOT NULL	Yes	Yes
ACTIVITYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Activity record.	NOT NULL	Yes	Yes

Index(s) of "TBL_COMPANY_ACTIVITY" Table		
Name	Type	Unique
TBL_COMPANY_ACTIVITY_PK	PK	Yes
TBL_COMPANY_ACTIVITY_IF2	IF2	No

**Member(s) of "TBL\_COMPANY\_ACTIVITY\_PK" Index**

Column
Name
COMPANYID

Column
Name
ACTIVITYID

Physical Property(s) of "TBL_COMPANY_ACTIVITY_PK" Index
FILLFACTOR
75

**Member(s) of "TBL\_COMPANY\_ACTIVITY\_IF2" Index**

Column
Name
ACTIVITYID

Physical Property(s) of "TBL_COMPANY_ACTIVITY_IF2" Index
FILLFACTOR
75

Table(s) of "TBL_COMPANY OPPORTUNITY" Picture Object	
<b>Name</b>	TBL_COMPANY_OPPORTUNITY
<b>Comment</b>	An associative table relating one or more COMPANY records with one or more OPPORTUNITY records.

Column(s) of "TBL_COMPANY OPPORTUNITY" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
COMPANYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Company record.	NOT NULL	Yes	Yes
OPPORTUNITYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Opportunity record.	NOT NULL	Yes	Yes
ISMEMBER	bit	BOOLEAN. Determines if the Opportunity is associated with the COMPANY as a Member or just associated on the fly. Values: 0 = Not a Company Member 1 = Is a Company Member A Contact for which an Opportunity is a Member also appears in the Contact members list (on the fly).	NOT NULL	No	No

Default(s) of "ISMEMBER" Column	
Name	Default
TBL_COMPANY_OPPORTUNITY_ISMEMBER_DEF	0

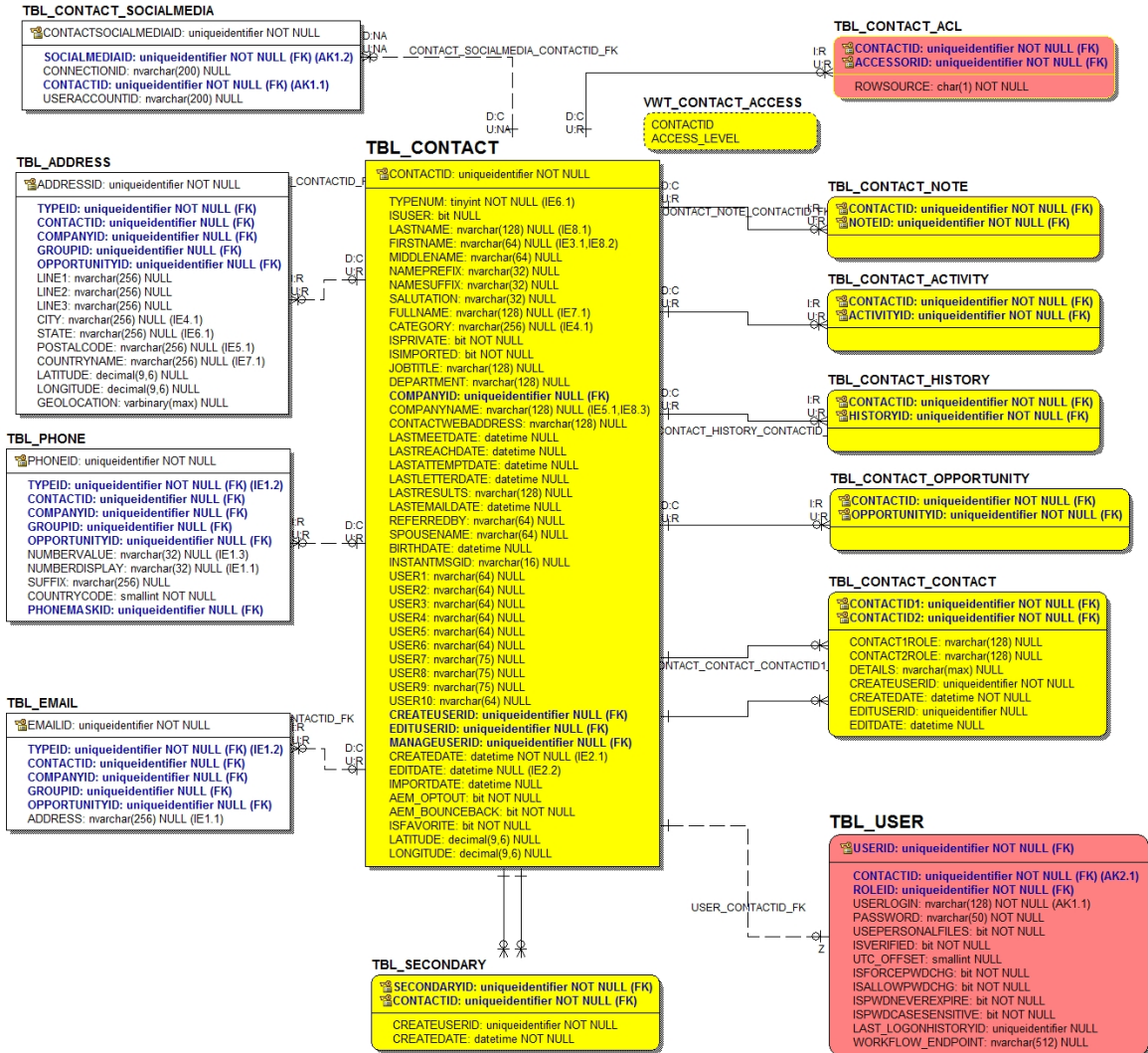
Index(s) of "TBL_COMPANY OPPORTUNITY" Table		
Name	Type	Unique
TBL_COMPANY_OPPORTUNITY_PK	PK	Yes

**Member(s) of "TBL\_COMPANY\_OPPORTUNITY\_PK" Index**

Column
Name
COMPANYID

Column
Name
OPPORTUNITYID

# CONTACT / Attributes - Physical





Table(s) of "TBL_SECONDARY" Picture Object	
<b>Name</b>	TBL_SECONDARY
<b>Comment</b>	An associative table referencing the TBL_CONTACT record. This record identifies the relationship between a Contact and a Secondary Contact. Currently the Framework supports/allows a Secondary Contact to have only one primary Contact association.

Column(s) of "TBL_SECONDARY" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
CONTACTID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Contact record. ** Represents the (parent/main) Contact record.	NOT NULL	Yes	Yes
CREATEDATE	datetime	Date and Time the record was created.	NOT NULL	No	No
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.	NOT NULL	No	No
SECONDARYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Contact record. ** Represents the Secondary Contact.	NOT NULL	Yes	Yes

Index(s) of "TBL_SECONDARY" Table		
Name	Type	Unique
TBL_SECONDARY_PK	PK	Yes
TBL_SECONDARY_IF67	IF67	No

**Member(s) of "TBL\_SECONDARY\_PK" Index**

Column
Name
SECONDARYID

Column
Name
CONTACTID

**Member(s) of "TBL\_SECONDARY\_IF67" Index**

Column
Name
CONTACTID

Trigger(s) of "TBL_SECONDARY" Table	
Name	Type
TBL_SECONDARY_TRI1	INSERT

Table(s) of "TBL_EMAIL" Picture Object	
<b>Name</b>	TBL_EMAIL
<b>Comment</b>	The base table for all Email records for the three extensible Entities: Contact, Group, Company, Opportunity A child table which has an exclusive, one of three possible relationships back to the associated Entity base table. These records are flattened and presented as "Virtual" columns on the associated Entity record.

Column(s) of "TBL_EMAIL" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
EMAILID	uniqueidentifier	Primary Key.	NOT NULL	Yes	No
CONTACTID	uniqueidentifier	Foreign Key. Relates to the PRIMARY KEY for the Contact record.	NULL	No	Yes
ADDRESS	nvarchar(256)	The full string value of the Email address value, i.e. jsmith@aol.com	NULL	No	No
TYPEID	uniqueidentifier	RECORDTYPE. Foreign Keys to PICKLISTITEM to identify the instance of the record. It has a companion field of TYPENUM as a recordtype enumerator. An example may be Work or Personal	NOT NULL	No	Yes
COMPANYID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Company record.	NULL	No	Yes
GROUPID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Group record.	NULL	No	Yes
OPPORTUNITYID	uniqueidentifier	PRIMARY KEY.	NULL	No	Yes

Index(s) of "TBL_EMAIL" Table		
Name	Type	Unique
TBL_EMAIL_PK	PK	Yes
TBL_EMAIL_IE1	IE1	No
TBL_EMAIL_IF3	IF3	No
TBL_EMAIL_IF4	IF4	No
TBL_EMAIL_IF699	IF699	No
TBL_EMAIL_IF700	IF700	No
TBL_EMAIL_IF80	IF80	No

**Member(s) of "TBL\_EMAIL\_PK" Index**

Column
Name
EMAILID

**Member(s) of "TBL\_EMAIL\_IE1" Index**

Column
Name
ADDRESS

Column
Name
TYPEID

Physical Property(s) of "TBL_EMAIL_IE1" Index
FILLFACTOR
75

**Member(s) of "TBL\_EMAIL\_IF3" Index**

Column
Name
COMPANYID

**Member(s) of "TBL\_EMAIL\_IF4" Index**

Column
Name
GROUPID

**Member(s) of "TBL\_EMAIL\_IF699" Index**

Column
Name
TYPEID

**Member(s) of "TBL\_EMAIL\_IF700" Index**

Column
Name
OPPORTUNITYID

**Member(s) of "TBL\_EMAIL\_IF80" Index**

Column
Name
CONTACTID

**Physical Property(s) of "TBL\_EMAIL\_IF80" Index**

FILLFACTOR
75

**Trigger(s) of "TBL\_EMAIL" Table**

Name	Type
TBL_EMAIL_TRI1	INSERT
TBL_EMAIL_TRU1	UPDATE

Table(s) of "TBL_CONTACT_ACL" Picture Object	
<b>Name</b>	TBL_CONTACT_ACL
<b>Comment</b>	An associative table relating one or more CONTACT records with one or more ACCESSOR records. This Access Control List serves as the primary table for securing Contact queries.

Column(s) of "TBL_CONTACT_ACL" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
CONTACTID	uniqueidentifier	Primary Key, Foreign Key. Relates to the PRIMARY KEY for the Contact record.	NOT NULL	Yes	Yes
ROWSOURCE	char(1)	SYSTEM FIELD. Used to optimize Synchronization (if enabled). Identifies whether the record was inserted by: A - the Application T - a Trigger Trigger-inserted records are not Sync'd	NOT NULL	No	No
ACCESSORID	uniqueidentifier		NOT NULL	Yes	Yes

Default(s) of "ROWSOURCE" Column	
Name	Default
TBL_CONTACT_ACL_ROWSOURCE_DEF	'A'

Validation(s) of "ROWSOURCE" Column				
Name	Type	Min	Max	Rule
TBL_CONTACT_ACL_ROWSOURCE_CHK	TBL_CONTACT_ACL_ROWSOURCE_CHK			ROWSOURCE IN ('A', 'T')

Index(s) of "TBL_CONTACT_ACL" Table		
Name	Type	Unique
TBL_CONTACT_ACL_PK	PK	Yes
TBL_CONTACT_ACL_IF59	IF59	No

**Member(s) of "TBL\_CONTACT\_ACL\_PK" Index**

Column
Name
CONTACTID

Column
Name
ACCESSORID

Physical Property(s) of "TBL_CONTACT_ACL_PK" Index
FILLFACTOR
75

**Member(s) of "TBL\_CONTACT\_ACL\_IF59" Index**

Column
Name
ACCESSORID

Table(s) of "TBL_USER" Picture Object	
<b>Name</b>	TBL_USER
<b>Comment</b>	CHILD/DEPENDENT TABLE TO ACCESSOR. A User represents a person who can actually login and use the ACT! application. Users can optionally belong to one or more Teams which is stored in the TEAM_USER table. The User-specific information, such as LOGIN and PASSWORD, etc. is stored in this table while the "Contact/person-related" information is stored in the CONTACT table. A USER record cannot exist without a reference to it's corresponding CONTACT record.

Column(s) of "TBL_USER" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
CONTACTID	uniqueidentifier	The PRIMARY KEY for the Contact record. This is required as the My Record information is physically stored in the Contact table (TBL_CONTACT).	NOT NULL	No	Yes
ROLEID	uniqueidentifier	Primary Key.	NOT NULL	No	Yes
USERLOGIN	nvarchar(128)	This is the LOGIN name/account which a User will type-into the credentials dialog when attempting to connect to the database. This value does not have to match the User's Name (stored in the TBL_CONTACT table).	NOT NULL	No	No
PASSWORD	nvarchar(50)	Contains the hashed string value of the User's password.	NOT NULL	No	No
USEPERSONALFILES	bit	BOOLEAN. Determines if the User can use the Personal Supplemental File System (Personal Datastore).	NOT NULL	No	No
ISVERIFIED	bit	BOOLEAN. Indicates whether the User has been verified via their product Serial Number.	NOT NULL	No	No
UTC_OFFSET	smallint	Used to support external Reporting (via the ACT! OLE-DB provider). Set by the OLE-DB provider upon connection, contains the UTC off-set (in number of hours, either positive or negative) as determined by the client machine running the application. This is needed as all datetime values in the database are stored as UTC.	NULL	No	No

ISFORCEPWDCHG	bit	BOOLEAN. Determines if the User will be forced to change his/her password upon subsequent logon to the database. Valid values: 0 = User will not be forced 1 = User will be forced	NOT NULL	No	No
ISALLOWPWDCHG	bit	BOOLEAN. When true(1), the User is allowed to change their password (or another Admin on their behalf). When false(0), an Administrator is the only one allowed to change the password. When true, the menu option File>Set Password is disabled. Valid values: 0 = User cannot change their password 1 = User can change their password	NOT NULL	No	No
ISPWDNEVEREXPIRE	bit	BOOLEAN. Toggles setting that if the Password Policy for the database has Expiration on for passwords, that will be ignored for this user. Valid values: 0 = User does not have to change password in accordance with Database Password Policy 1 = User must comply with Database Password Policy, password can expire.	NOT NULL	No	No
ISPWDCASESENSITIVE	bit	BOOLEAN. Indicates whether the user's password is stored as case-sensitive or not. Valid values: 0 = not case-sensitive 1 = case-sensitive	NOT NULL	No	No
LAST_LOGONHISTORYID	uniqueidentifier	OPTIONAL - Foreign Key to TBL_LOGONHISTORY. Identifies the record representing the last/current User Logon for the User.	NULL	No	No
WORKFLOW_ENDDPOINT	nvarchar(512)	512 in length to match the configvalue in the database, where this is also stored.	NULL	No	No
USERID	uniqueidentifier		NOT NULL	Yes	Yes

**Default(s) of "ISVERIFIED" Column**

Name	Default
TBL_USER_ISVERIFIED_DEF	0

**Default(s) of "UTC\_OFFSET" Column**

Name	Default
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TBL_USER_UTC_OFFSET_DEF	0
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**Default(s) of "ISFORCEPWDCHG" Column**

Name	Default
TBL_USER_ISFORCEPWDCHG_DEF	0

**Default(s) of "ISALLOWPWDCHG" Column**

Name	Default
TBL_USER_ISALLOWPWDCHG_DEF	1

**Default(s) of "ISPWDNEVEREXPIRE" Column**

Name	Default
TBL_USER_ISPWDNEVEREXPIRE_DEF	1

**Default(s) of "ISPWD\_CASESENSITIVE" Column**

Name	Default
TBL_USER_ISPWD_CASESENSITIVE_DEF	0

**Index(s) of "TBL\_USER" Table**

Name	Type	Unique
TBL_USER_PK	PK	Yes
TBL_USER_AK1	AK1	Yes
TBL_USER_AK2	AK2	Yes
TBL_USER_IF99	IF99	No
TBL_USER_IF100	IF100	Yes

**Member(s) of "TBL\_USER\_PK" Index**

**Column**

Name
USERID

**Member(s) of "TBL\_USER\_AK1" Index**

**Column**

Name
USERLOGIN

**Member(s) of "TBL\_USER\_AK2" Index**

**Column**

Name
CONTACTID

**Member(s) of "TBL\_USER\_IF99" Index**

**Column**

Name
ROLEID

**Member(s) of "TBL\_USER\_IF100" Index**

**Column**

Name
USERID

**Trigger(s) of "TBL\_USER" Table**

Name	Type
TBL_USER_TRI1	INSERT
TBL_USER_TRU1	UPDATE
TBL_USER_TRD1	DELETE

Table(s) of "TBL_CONTACT" Picture Object	
<b>Name</b>	TBL_CONTACT
<b>Comment</b>	A Contact represents the primary, central entity to the database and application. Typically represents a person or thing that you need to keep track of. When a Contact's Company field is linked with a Company record, it is known as a "linked Contact". Three types of Contact records are stored: Contacts Users (My Records) Secondary Contacts The base table for the user-extensible Entity "Contact".

Column(s) of "TBL_CONTACT" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
CONTACTID	uniqueidentifier	Primary Key.	NOT NULL	Yes	No
CREATEDATE	datetime	Date and Time the record was created. This value does not change; for conversion and import (from another ACT! database) this value will be the value of the source record	NOT NULL	No	No
TYPENUM	tinyint	An ENUMERATION. An internal-use field for identifying the record type. Valid values are: 0 = Contact 1 = User My Record 2 = Secondary	NOT NULL	No	No
SALUTATION	nvarchar(32)	The Contact letter greeting name (i.e. John, Mr. Smith)	NULL	No	No
LASTNAME	nvarchar(128)	Last name.	NULL	No	No
CATEGORY	nvarchar(256)	Category assigned to the Contact. This is the ID/Status field.	NULL	No	No
EDITDATE	datetime	Date and Time the record was last edited - either directly or indirectly via the creation or edit of an associated record	NULL	No	No
ISPRIVATE	bit	Boolean. Specifies if the record is Private to one User or not. Values are: 0 = Not Private 1 = Private If Private, only the Record Manager may view the record. Only the Record Manager, or another user with Manage Others Users [recordtype] can change this value. A Private record will have only one ACL record, and that is for the Record Manager.	NOT NULL	No	No



FIRSTNAME	nvarchar(64)	First name.	NULL	No	No
MIDDLENAME	nvarchar(64)	Middle name (or initial).	NULL	No	No
NAMEPREFIX	nvarchar(32)	Contains the string value of the Contact name prefix (i.e. Mr., Dr.)	NULL	No	No
NAMESUFFIX	nvarchar(32)	Contains the string value of the Contact name suffix (i.e. Sr., III)	NULL	No	No
JOBTITLE	nvarchar(128)	Contact's Job Title.	NULL	No	No
DEPARTMENT	nvarchar(128)	Contact's Department.	NULL	No	No
BIRTHDATE	datetime	ANNUAL EVENT datatype. Birthday of the Contact.	NULL	No	No
LASTMEETDATE	datetime	Date of the last Meeting Held with the Contact. Triggered by the system via the corresponding History (aka Clearing) Type.	NULL	No	No
LASTREACHDATE	datetime	Date of the last Call Completed to the Contact. Triggered by the system via the corresponding History (aka Clearing) Type.	NULL	No	No
LASTATTEMPTDATE	datetime	Date of the last Call Attempted to the Contact. Triggered by the system via the corresponding History (aka Clearing) Type.	NULL	No	No
LASTLETTERDATE	datetime	The date of the Last Letter Sent to the Contact. Triggered by the system via the corresponding History (aka Clearing) Type.	NULL	No	No
LASTRESULTS	nvarchar(128)	Description of the Last Results with the Contact.	NULL	No	No
REFERREDBY	nvarchar(64)	Description of the Contact's Referral Source.	NULL	No	No
SPOUSENAME	nvarchar(64)	Full Name of the Contact's spouse. Note that there is no name parsing for this field.	NULL	No	No
USER5	nvarchar(64)	A User-definable field	NULL	No	No
USER7	nvarchar(75)	A User-definable field	NULL	No	No
USER8	nvarchar(75)	A User-definable field	NULL	No	No
USER1	nvarchar(64)	A User-definable field	NULL	No	No
USER9	nvarchar(75)	A User-definable field	NULL	No	No
USER3	nvarchar(64)	A User-definable field	NULL	No	No
USER10	nvarchar(64)	A User-definable field	NULL	No	No
CONTACTWEBA- DDRESS	nvarchar(128)	Web address (URL) for the Contact. Note that this is a default 'Linked' Company-Contact mapped field for updating values to Linked Contacts.	NULL	No	No

USER2	nvarchar(64)	A User-definable field	NULL	No	No
USER4	nvarchar(64)	A User-definable field	NULL	No	No
USER6	nvarchar(64)	A User-definable field	NULL	No	No
ISIMPORTED	bit	Boolean. Values are: 1 = Private 0 = Public Identifies if the record originated via the Import feature of the application.	NOT NULL	No	No
FULLNAME	nvarchar(128)	A read-only, denormalized field composed by the name parsing feature of the ACT! Framework. Value is derived from the individual name component field (FIRSTNAME, LASTNAME, etc.)	NULL	No	No
COMPANYNAME	nvarchar(128)	Contact's Company name. This field will be populated with the NAME value of the TBL_COMPANY record if the COMPANYID field is populated (this denotes a Linked Contact/Company).	NULL	No	No
COMPANYID	uniqueidentifier	Foreign Key. Optional Foreign Key which identifies the 'Linked' Company record (in TBL_COMPANY). This field will only be populated when the Contact is Linked to the Company.	NULL	No	Yes
INSTANTMSGID	nvarchar(16)	Instant Messaging Id/name for the Contact.	NULL	No	No
LASTEMAILDATE	datetime	Date of the last E-mail sent to the Contact. Triggered by the system via the corresponding History (aka Clearing) Type.	NULL	No	No
ISUSER	bit	COMPUTED COLUMN - based upon TYPENUM enumeration value.	NULL	No	No
IMPORTDATE	datetime	Optional Date and Time that the record was last Imported and/or Merged via the Import Process/Task.	NULL	No	No
AEM_OPTOUT	bit	Boolean system field. Indicates whether the Contact has opted out of <u>emarketing</u>	NOT NULL	No	No
AEM_BOUNCEBACK	bit	Boolean system field. Indicates whether the Contact email has bounced back.	NOT NULL	No	No

ISFAVORITE	bit	Boolean system field. Indicates whether the Contact was marked as favorite	NOT NULL	No	No
LATITUDE	decimal(9,6)		NULL	No	No
LONGITUDE	decimal(9,6)		NULL	No	No
CREATEUSERID	uniqueidentifier		NULL	No	Yes
MANAGEUSERID	uniqueidentifier		NULL	No	Yes
EDITUSERID	uniqueidentifier		NULL	No	Yes

#### Validation(s) of "TYPENUM" Column

Name	Type	Min	Max	Rule
TBL_CONTACT_TYP-ENUM_CHK	TBL_CONTACT_TYP-ENUM_CHK	0	2	TYPENUM BETWEEN 0 AND 2

#### Default(s) of "AEM\_OPTOUT" Column

Name	Default
TBL_CONTACT_AEM_OPTOUT_DEF	0

#### Default(s) of "AEM\_BOUNCEBACK" Column

Name	Default
TBL_CONTACT_AEM_BOUNCEBACK_DEF	0

#### Default(s) of "ISFAVORITE" Column

Name	Default
TBL_CONTACT_ISFAVORITE_DEF	0

#### Index(s) of "TBL\_CONTACT" Table

Name	Type	Unique
TBL_CONTACT_PK	PK	Yes
TBL_CONTACT_IE7	IE2	No
TBL_CONTACT_IE2	IE3	No
TBL_CONTACT_IE4	IE4	No
TBL_CONTACT_IE5	IE5	No
TBL_CONTACT_IE6	IE6	No
TBL_CONTACT_IE8	IE7	No
TBL_CONTACT_IE1	IE8	No
TBL_CONTACT_IF125	IF125	No
TBL_CONTACT_IF126	IF126	No
TBL_CONTACT_IF127	IF127	No
TBL_CONTACT_IF128	IF128	No

#### Member(s) of "TBL\_CONTACT\_PK" Index

##### Column

Name
CONTACTID

#### Physical Property(s) of "TBL\_CONTACT\_PK" Index

FILLFACTOR
75

#### Member(s) of "TBL\_CONTACT\_IE7" Index

##### Column

Name
CREATEDATE

##### Column

Name
EDITDATE

#### Physical Property(s) of "TBL\_CONTACT\_IE7" Index

FILLFACTOR
75

#### Member(s) of "TBL\_CONTACT\_IE2" Index

<b>Column</b>
<b>Name</b>
FIRSTNAME

<b>Physical Property(s) of "TBL_CONTACT_IE2" Index</b>
<b>FILLFACTOR</b>
75

<b>Member(s) of "TBL_CONTACT_IE4" Index</b>
---

<b>Column</b>
<b>Name</b>
CATEGORY

<b>Physical Property(s) of "TBL_CONTACT_IE4" Index</b>
<b>FILLFACTOR</b>
75

<b>Member(s) of "TBL_CONTACT_IE5" Index</b>
---

<b>Column</b>
<b>Name</b>
COMPANYNAME

<b>Physical Property(s) of "TBL_CONTACT_IE5" Index</b>
<b>FILLFACTOR</b>
75

<b>Member(s) of "TBL_CONTACT_IE6" Index</b>
---

<b>Column</b>
<b>Name</b>
TYPENUM

<b>Physical Property(s) of "TBL_CONTACT_IE6" Index</b>
<b>FILLFACTOR</b>
75

<b>Member(s) of "TBL_CONTACT_IE8" Index</b>
---

<b>Column</b>
<b>Name</b>
FULLNAME

<b>Physical Property(s) of "TBL_CONTACT_IE8" Index</b>
<b>FILLFACTOR</b>
75

<b>Member(s) of "TBL_CONTACT_IE1" Index</b>
---

<b>Column</b>
<b>Name</b>
LASTNAME

<b>Column</b>
<b>Name</b>
FIRSTNAME

<b>Column</b>
<b>Name</b>
COMPANYNAME

<b>Member(s) of "TBL_CONTACT_IF125" Index</b>
---

<b>Column</b>
<b>Name</b>

COMPANYID
-----------

<b>Physical Property(s) of "TBL_CONTACT_IF125" Index</b>
--

<b>FILLFACTOR</b>
-------------------

75
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<b>Member(s) of "TBL_CONTACT_IF126" Index</b>
---

<b>Column</b>
---------------

<b>Name</b>
-------------

CREATEUSERID
--------------

<b>Member(s) of "TBL_CONTACT_IF127" Index</b>
---

<b>Column</b>
---------------

<b>Name</b>
-------------

MANAGEUSERID
--------------

<b>Member(s) of "TBL_CONTACT_IF128" Index</b>
---

<b>Column</b>
---------------

<b>Name</b>
-------------

EDITUSERID
------------

<b>Trigger(s) of "TBL_CONTACT" Table</b>
--

<b>Name</b>
-------------

<b>Type</b>
-------------

TBL_CONTACT_TRI1
------------------

INSERT
--------

TBL_CONTACT_TRU1
------------------

UPDATE
--------

TBL_CONTACT_TRD1
------------------

DELETE
--------

Table(s) of "TBL_ADDRESS" Picture Object	
<b>Name</b>	TBL_ADDRESS
<b>Comment</b>	The base table for all Address records for the three extensible Entities: Contact, Group, Company, Opportunity A child table which has an exclusive, one of three possible relationships back to the associated Entity base table. These records are flattened and presented as "Virtual" columns on the associated Entity record.

Column(s) of "TBL_ADDRESS" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
ADDRESSID	uniqueidentifier	Primary Key.	NOT NULL	Yes	No
LINE1	nvarchar(256)	Address Line 1	NULL	No	No
CONTACTID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Contact record (TBL_CONTACT).	NULL	No	Yes
LINE2	nvarchar(256)	Address Line 2	NULL	No	No
LINE3	nvarchar(256)	Address Line 3	NULL	No	No
CITY	nvarchar(256)	The City value	NULL	No	No
STATE	nvarchar(256)	The State/County/Province value.	NULL	No	No
POSTALCODE	nvarchar(256)	Zip code (United States) of the address, otherwise an international Postal Code.	NULL	No	No
TYPEID	uniqueidentifier	RECORDTYPE. Foreign Keys to TBL_PICKLISTITEM to identify the instance of the record. It has a companion field of TYPENUM as a recordtype enumerator. An example may be Home or Billing.	NOT NULL	No	Yes
COUNTRYNAME	nvarchar(256)	The string value of the Country in table TBL_COUNTRY. Denormalized attribute.	NULL	No	No
COMPANYID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Company record.	NULL	No	Yes
GROUPID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Group record.	NULL	No	Yes
OPPORTUNITYID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Opportunity record.	NULL	No	Yes
LATITUDE	decimal(9,6)		NULL	No	No
LONGITUDE	decimal(9,6)		NULL	No	No
GEOLOCATION	varbinary(max)	Computed Column, based on Latitude and Longitude	NULL	No	No

Index(s) of "TBL_ADDRESS" Table		
Name	Type	Unique
TBL_ADDRESS_PK	PK	Yes
TBL_ADDRESS_IE4	IE4	No
TBL_ADDRESS_IE5	IE5	No
TBL_ADDRESS_IE6	IE6	No
TBL_ADDRESS_IE7	IE7	No
TBL_ADDRESS_IF20	IF20	No
TBL_ADDRESS_IF4	IF4	No
TBL_ADDRESS_IF5	IF5	No
TBL_ADDRESS_IF701	IF701	No
TBL_ADDRESS_IF702	IF702	No

Member(s) of "TBL_ADDRESS PK" Index
-------------------------------------

<b>Column</b>
<b>Name</b>
ADDRESSID

**Member(s) of "TBL\_ADDRESS\_IE4" Index**

<b>Column</b>
<b>Name</b>
CITY

<b>Physical Property(s) of "TBL_ADDRESS_IE4" Index</b>
<b>FILLFACTOR</b>
75

**Member(s) of "TBL\_ADDRESS\_IE5" Index**

<b>Column</b>
<b>Name</b>
POSTALCODE

<b>Physical Property(s) of "TBL_ADDRESS_IE5" Index</b>
<b>FILLFACTOR</b>
75

**Member(s) of "TBL\_ADDRESS\_IE6" Index**

<b>Column</b>
<b>Name</b>
STATE

<b>Physical Property(s) of "TBL_ADDRESS_IE6" Index</b>
<b>FILLFACTOR</b>
75

**Member(s) of "TBL\_ADDRESS\_IE7" Index**

<b>Column</b>
<b>Name</b>
COUNTRYNAME

<b>Physical Property(s) of "TBL_ADDRESS_IE7" Index</b>
<b>FILLFACTOR</b>
75

**Member(s) of "TBL\_ADDRESS\_IF20" Index**

<b>Column</b>
<b>Name</b>
CONTACTID

**Member(s) of "TBL\_ADDRESS\_IF4" Index**

<b>Column</b>
<b>Name</b>
COMPANYID

**Member(s) of "TBL\_ADDRESS\_IF5" Index**

<b>Column</b>
<b>Name</b>
GROUPID

**Member(s) of "TBL\_ADDRESS\_IF701" Index**

<b>Column</b>
<b>Name</b>

TYPEID
--------

<b>Member(s) of "TBL_ADDRESS_IF702" Index</b>
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<b>Column</b>
---------------

<b>Name</b>
-------------

OPPORTUNITYID
---------------

<b>Trigger(s) of "TBL_ADDRESS" Table</b>
--

<b>Name</b>	<b>Type</b>
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TBL_ADDRESS_TRI1	INSERT
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TBL_ADDRESS_TRU1	UPDATE
------------------	--------



Table(s) of "TBL_PHONE" Picture Object	
<b>Name</b>	TBL_PHONE
<b>Comment</b>	The base table for all Phone records for the extensible Entities, including: Contact, Group, Company, Opportunity A child table which has an exclusive, one of three possible relationships back to the associated Entity base table. These records are flattened and presented as "Virtual" columns on the associated Entity record.

Column(s) of "TBL_PHONE" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
PHONEID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	No
CONTACTID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Contact record.	NULL	No	Yes
NUMBERVALUE	nvarchar(32)	INTERNAL SYSTEM FIELD. The numeric storage of the phone number.	NULL	No	No
SUFFIX	nvarchar(256)	Any value to append to the Phone Number field. This could include a value for: - Extension - Pager Pin	NULL	No	No
TYPEID	uniqueidentifier	RECORDTYPE. Foreign Keys to PICKLISTITEM to identify the instance of the record. It has a companion field of TYPENUM as a Recordtype Enumerator. An example may be Work or Home	NOT NULL	No	Yes
NUMBERDISPLAY	nvarchar(32)	The string formatted representation of the phone number including any Phonemask which has been applied.	NULL	No	No
COMPANYID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Company record	NULL	No	Yes
GROUPID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Group record.	NULL	No	Yes
COUNTRYCODE	smallint	FOREIGN KEY. Relates to the PRIMARY KEY for the Country record - used to support Phonemasks.	NOT NULL	No	No
PHONEMASKID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Phonemask (TBL_PHONEMASK) record.	NULL	No	Yes
OPPORTUNITYID	uniqueidentifier	PRIMARY KEY.	NULL	No	Yes

Default(s) of "COUNTRYCODE" Column	
Name	Default
TBL_PHONE_COUNTRYCODE_DEF	1

Index(s) of "TBL_PHONE" Table		
Name	Type	Unique
TBL_PHONE_PK	PK	Yes
TBL_PHONE_IE1	IE1	No
TBL_PHONE_IF4	IF4	No
TBL_PHONE_IF5	IF5	No

TBL_PHONE_IF700	IF700	No
TBL_PHONE_IF701	IF701	No
TBL_PHONE_IF702	IF702	No
TBL_PHONE_IF75	IF75	No

**Member(s) of "TBL\_PHONE\_PK" Index**

**Column**

**Name**

PHONEID

**Member(s) of "TBL\_PHONE\_IE1" Index**

**Column**

**Name**

NUMBERDISPLAY

**Column**

**Name**

TYPEID

**Column**

**Name**

NUMBERVALUE

**Physical Property(s) of "TBL\_PHONE\_IE1" Index**

**FILLFACTOR**

75

**Member(s) of "TBL\_PHONE\_IF4" Index**

**Column**

**Name**

COMPANYID

**Member(s) of "TBL\_PHONE\_IF5" Index**

**Column**

**Name**

GROUPID

**Member(s) of "TBL\_PHONE\_IF700" Index**

**Column**

**Name**

TYPEID

**Member(s) of "TBL\_PHONE\_IF701" Index**

**Column**

**Name**

PHONEMASKID

**Member(s) of "TBL\_PHONE\_IF702" Index**

**Column**

**Name**

OPPORTUNITYID

**Member(s) of "TBL\_PHONE\_IF75" Index**

**Column**

**Name**

CONTACTID
-----------

Trigger(s) of "TBL_PHONE" Table	
Name	Type
TBL_PHONE_TRI1	INSERT
TBL_PHONE_TRU1	UPDATE

Table(s) of "TBL_CONTACT_CONTACT" Picture Object	
Name	TBL_CONTACT_CONTACT
Comment	

Column(s) of "TBL_CONTACT_CONTACT" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
CONTACT1ROLE	nvarchar(128)	Optional; The Role/ Relationship of CONTACTID1 to CONTACTID2.	NULL	No	No
CONTACT2ROLE	nvarchar(128)	Optional; The Role/ Relationship of CONTACTID2 to CONTACTID1.	NULL	No	No
DETAILS	nvarchar(max)	Optional comments for the Relationship.	NULL	No	No
CREATEDATE	datetime	Datetime the record was created.	NOT NULL	No	No
EDITDATE	datetime	Datetime the record was last edited.	NULL	No	No
CONTACTID1	uniqueidentifier	Primary Key.	NOT NULL	Yes	Yes
CREATEUSERID	uniqueidentifier		NOT NULL	No	No
CONTACTID2	uniqueidentifier	Primary Key.	NOT NULL	Yes	Yes
EDITUSERID	uniqueidentifier		NULL	No	No

Index(s) of "TBL_CONTACT_CONTACT" Table		
Name	Type	Unique
TBL_CONTACT_CONTACT_PK	PK	Yes

**Member(s) of "TBL\_CONTACT\_CONTACT\_PK" Index**

Column
Name
CONTACTID1

Column
Name
CONTACTID2

Table(s) of "TBL_CONTACT_OPPORTUNITY" Picture Object	
Name	TBL_CONTACT_OPPORTUNITY
Comment	

Column(s) of "TBL_CONTACT_OPPORTUNITY" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
CONTACTID	uniqueidentifier	Primary Key.	NOT NULL	Yes	Yes
OPPORTUNITYID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	Yes

Index(s) of "TBL_CONTACT_OPPORTUNITY" Table		
Name	Type	Unique
TBL_CONTACT_OPPORTUNITY_PK	PK	Yes

**Member(s) of "TBL\_CONTACT\_OPPORTUNITY\_PK" Index**

Column
Name
CONTACTID

Column
Name
OPPORTUNITYID

Table(s) of "TBL_CONTACT_ACTIVITY" Picture Object	
<b>Name</b>	TBL_CONTACT_ACTIVITY
<b>Comment</b>	An associative table relating one or more CONTACT records with one or more ACTIVITY records. This will include any Users on an Activity, but not necessarily the Organizer unless explicitly added to the Contact List.

Column(s) of "TBL_CONTACT_ACTIVITY" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
CONTACTID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Contact record.	NOT NULL	Yes	Yes
ACTIVITYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Activity record.	NOT NULL	Yes	Yes

Index(s) of "TBL_CONTACT_ACTIVITY" Table		
Name	Type	Unique
TBL_CONTACT_ACTIVITY_PK	PK	Yes
TBL_CONTACT_ACTIVITY_IF42	IF42	No

**Member(s) of "TBL\_CONTACT\_ACTIVITY\_PK" Index**

Column
Name
CONTACTID

Column
Name
ACTIVITYID

Physical Property(s) of "TBL_CONTACT_ACTIVITY_PK" Index
FILLFACTOR
75

**Member(s) of "TBL\_CONTACT\_ACTIVITY\_IF42" Index**

Column
Name
ACTIVITYID

Physical Property(s) of "TBL_CONTACT_ACTIVITY_IF42" Index
FILLFACTOR
75

**Table(s) of "TBL\_CONTACT\_NOTE" Picture Object**

<b>Name</b>	TBL_CONTACT_NOTE
<b>Comment</b>	An associative table relating one or more CONTACT records with one or more NOTE records.

**Column(s) of "TBL\_CONTACT\_NOTE" Table**

Name	Datatype	Comment	Null Option	Is PK	Is FK
CONTACTID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Contact record	NOT NULL	Yes	Yes
NOTEID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Note record	NOT NULL	Yes	Yes

**Index(s) of "TBL\_CONTACT\_NOTE" Table**

Name	Type	Unique
TBL_CONTACT_NOTE_PK	PK	Yes
TBL_CONTACT_NOTE_IF36	IF36	No

**Member(s) of "TBL\_CONTACT\_NOTE\_PK" Index****Column**

Name
CONTACTID

**Column**

Name
NOTEID

**Physical Property(s) of "TBL\_CONTACT\_NOTE\_PK" Index**

FILLFACTOR
75

**Member(s) of "TBL\_CONTACT\_NOTE\_IF36" Index****Column**

Name
NOTEID

**Physical Property(s) of "TBL\_CONTACT\_NOTE\_IF36" Index**

FILLFACTOR
75

**Table(s) of "TBL\_CONTACT\_HISTORY" Picture Object**

<b>Name</b>	TBL_CONTACT_HISTORY
<b>Comment</b>	An associative table relating one or more CONTACT records with one or more HISTORY records.

**Column(s) of "TBL\_CONTACT\_HISTORY" Table**

Name	Datatype	Comment	Null Option	Is PK	Is FK
CONTACTID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Contact record	NOT NULL	Yes	Yes
HISTORYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the History record	NOT NULL	Yes	Yes

**Index(s) of "TBL\_CONTACT\_HISTORY" Table**

Name	Type	Unique
TBL_CONTACT_HISTORY_PK	PK	Yes
TBL_CONTACT_HISTORY_IF33	IF33	No

**Member(s) of "TBL\_CONTACT\_HISTORY\_PK" Index****Column**

Name
CONTACTID

**Column**

Name
HISTORYID

**Physical Property(s) of "TBL\_CONTACT\_HISTORY\_PK" Index**

FILLFACTOR
75

**Member(s) of "TBL\_CONTACT\_HISTORY\_IF33" Index****Column**

Name
HISTORYID

**Physical Property(s) of "TBL\_CONTACT\_HISTORY\_IF33" Index**

FILLFACTOR
75



Table(s) of "TBL_CONTACT_SOCIALMEDIA" Picture Object	
Name	TBL_CONTACT_SOCIALMEDIA
Comment	

Column(s) of "TBL_CONTACT_SOCIALMEDIA" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
CONTACTID	uniqueidentifier	Primary Key.	NOT NULL	No	Yes
SOCIALMEDIAID	uniqueidentifier		NOT NULL	No	Yes
CONTACTSOCIALMEDIAID	uniqueidentifier		NOT NULL	Yes	No
CONNECTIONID	nvarchar(200)		NULL	No	No
USERACCOUNTID	nvarchar(200)		NULL	No	No

Index(s) of "TBL_CONTACT_SOCIALMEDIA" Table		
Name	Type	Unique
TBL_CONTACT_SOCIALMEDIA_PK	PK	Yes
TBL_CONTACT_SOCIALMEDIA_IF1	IF1	No
TBL_CONTACT_SOCIALMEDIA_IF2	IF2	No
TBL_CONTACT_SOCIALMEDIA_AK1	AK1	Yes

**Member(s) of "TBL\_CONTACT\_SOCIALMEDIA\_PK" Index**

Column
Name
CONTACTSOCIALMEDIAID

**Member(s) of "TBL\_CONTACT\_SOCIALMEDIA\_IF1" Index**

Column
Name
CONTACTID

**Member(s) of "TBL\_CONTACT\_SOCIALMEDIA\_IF2" Index**

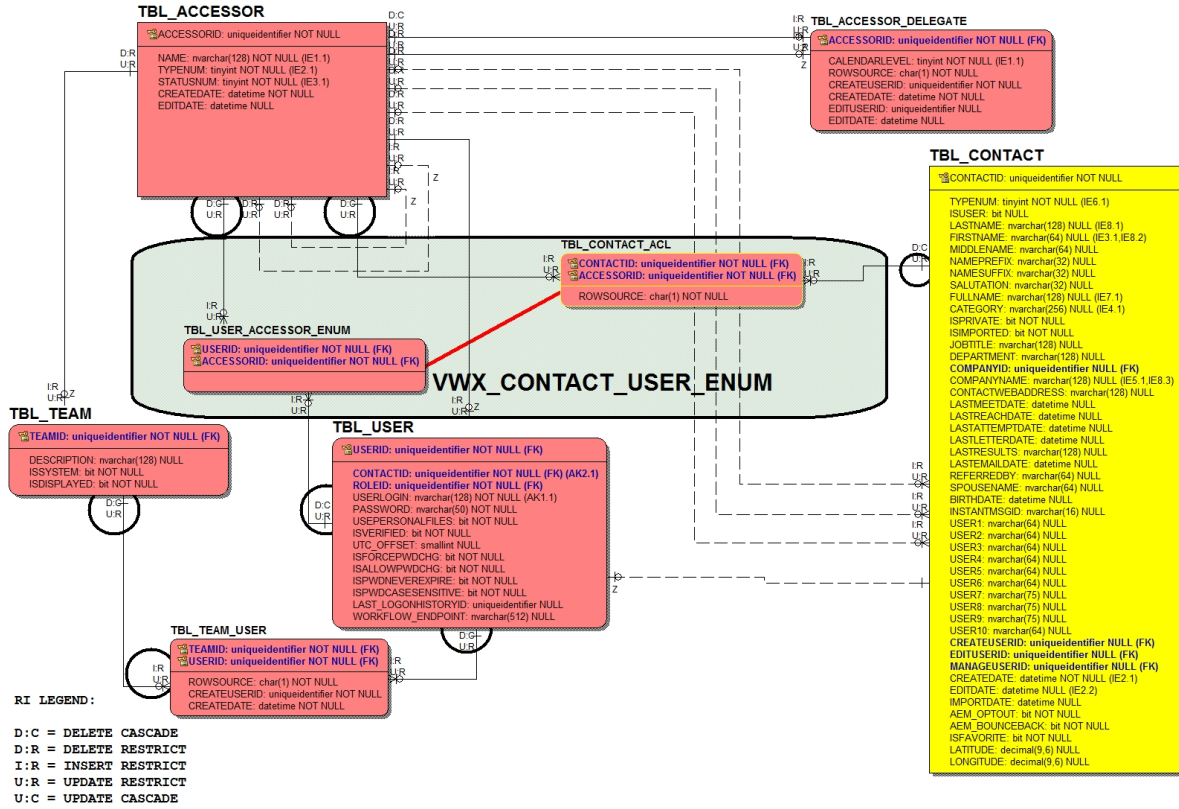
Column
Name
SOCIALMEDIAID

**Member(s) of "TBL\_CONTACT\_SOCIALMEDIA\_AK1" Index**

Column
Name
CONTACTID

Column
Name
SOCIALMEDIAID

# CONTACT SECURITY / Display1



Table(s) of "TBL_CONTACT_ACL" Picture Object	
<b>Name</b>	TBL_CONTACT_ACL
<b>Comment</b>	An associative table relating one or more CONTACT records with one or more ACCESSOR records. This Access Control List serves as the primary table for securing Contact queries.

Column(s) of "TBL_CONTACT_ACL" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
CONTACTID	uniqueidentifier	Primary Key, Foreign Key. Relates to the PRIMARY KEY for the Contact record.	NOT NULL	Yes	Yes
ROWSOURCE	char(1)	SYSTEM FIELD. Used to optimize Synchronization (if enabled). Identifies whether the record was inserted by: A - the Application T - a Trigger Trigger-inserted records are not Sync'd	NOT NULL	No	No
ACCESSORID	uniqueidentifier		NOT NULL	Yes	Yes

Default(s) of "ROWSOURCE" Column	
Name	Default
TBL_CONTACT_ACL_ROWSOURCE_DEF	'A'

Validation(s) of "ROWSOURCE" Column				
Name	Type	Min	Max	Rule
TBL_CONTACT_ACL_ROWSOURCE_CHK	TBL_CONTACT_ACL_ROWSOURCE_CHK			ROWSOURCE IN ('A', 'T')

Index(s) of "TBL_CONTACT_ACL" Table		
Name	Type	Unique
TBL_CONTACT_ACL_PK	PK	Yes
TBL_CONTACT_ACL_IF59	IF59	No

**Member(s) of "TBL\_CONTACT\_ACL\_PK" Index**

Column
Name
CONTACTID

Column
Name
ACCESSORID

Physical Property(s) of "TBL_CONTACT_ACL_PK" Index
FILLFACTOR
75

**Member(s) of "TBL\_CONTACT\_ACL\_IF59" Index**

Column
Name
ACCESSORID

Table(s) of "TBL_USER_ACCESSOR_ENUM" Picture Object	
<b>Name</b>	TBL_USER_ACCESSOR_ENUM
<b>Comment</b>	A shadow, denormalized table used solely for constructing secured queries against the Contact Access Control List (ACL). Every User in the database will have at least one record here, their own record. Additionally, this table will also contain a record for every Team membership, including system, that the User belongs to. Note that this table does NOT Sync.

Column(s) of "TBL_USER_ACCESSOR_ENUM" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
USERID	uniqueidentifier		NOT NULL	Yes	Yes
ACCESSORID	uniqueidentifier		NOT NULL	Yes	Yes

Index(s) of "TBL_USER_ACCESSOR_ENUM" Table		
Name	Type	Unique
TBL_USER_ACCESSOR_ENUM_PK	PK	Yes
TBL_USER_ACCESSOR_ENUM_IF1	IF1	No
TBL_USER_ACCESSOR_ENUM_IF2	IF2	No

**Member(s) of "TBL\_USER\_ACCESSOR\_ENUM\_PK" Index**

Column
Name
USERID

Column
Name
ACCESSORID

**Member(s) of "TBL\_USER\_ACCESSOR\_ENUM\_IF1" Index**

Column
Name
USERID

**Member(s) of "TBL\_USER\_ACCESSOR\_ENUM\_IF2" Index**

Column
Name
ACCESSORID

Table(s) of "TBL_TEAM" Picture Object	
Name	TBL_TEAM
Comment	A sub-type/child table to TBL_ACCESSOR; further defines the Team record with its specific attributes.

Column(s) of "TBL_TEAM" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
DESCRIPTION	nvarchar(128)	An optional narrative description for the record.	NULL	No	No
ISSYSTEM	bit	BOOLEAN. Used to identify special system and non-removeable, non-manageable Team records. Values: 0 = Not a System Team 1 = System Team Examples of System Teams include the 'Administrators' and 'Everyone' Teams.	NOT NULL	No	No
ISDISPLAYED	bit	BOOLEAN. Used to determine which Team records to display in forms, dialog, etc. Values: 0 = do not display 1 = display Generally this value will always be true (1) - an exception is the 'Administrators' Team.	NOT NULL	No	No
TEAMID	uniqueidentifier		NOT NULL	Yes	Yes

Index(s) of "TBL_TEAM" Table		
Name	Type	Unique
TBL_TEAM_PK	PK	Yes
TBL_TEAM_IF1	IF1	Yes

**Member(s) of "TBL\_TEAM\_PK" Index**

Column
Name
TEAMID

**Member(s) of "TBL\_TEAM\_IF1" Index**

Column
Name
TEAMID

Trigger(s) of "TBL_TEAM" Table	
Name	Type
TBL_TEAM_TR11	INSERT

Table(s) of "TBL_ACCESSOR" Picture Object	
<b>Name</b>	TBL_ACCESSOR
<b>Comment</b>	Defines one of these three record types: User Team Resource A super-type record (parent table) which is further described by a sub-type table of only one of the following: TBL_USER TBL_TEAM TBL_RESOURCE

Column(s) of "TBL_ACCESSOR" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
TYPENUM	tinyint	ENUMERATOR. An internal-use field to identify the record type. Valid values are: 0 = User 1 = Team 2 = Resource	NOT NULL	No	No
STATUSNUM	tinyint	An ENUMERATOR. An internal-use field to identify the record status. Valid values are: 0 = Active 1 = Inactive 2 = Deleted (a soft delete)	NOT NULL	No	No
CREATEDATE	datetime	Date and Time the record was created.	NOT NULL	No	No
NAME	nvarchar(128)	The logical and displayed name to the User and application. For a User, this is a denormalized, 'shadow' field containing the FULLNAME value from the User's 'My Record' (in TBL_CONTACT).	NOT NULL	No	No
EDITDATE	datetime	Date and Time the record was last edited - either directly or indirectly via the creation or edit of an associated record	NULL	No	No
ACCESSORID	uniqueidentifier		NOT NULL	Yes	No

Validation(s) of "TYPENUM" Column				
Name	Type	Min	Max	Rule
TBL_ACCESSOR_TY-PENUM_CHK	TBL_ACCESSOR_TY-PENUM_CHK	0	2	TYPENUM BETWEEN 0 AND 2

Validation(s) of "STATUSNUM" Column				
Name	Type	Min	Max	Rule
TBL_ACCESSOR_ST-ATUSNUM_CHK	TBL_ACCESSOR_ST-ATUSNUM_CHK	0	2	STATUSNUM BETWEEN 0 AND 2

Index(s) of "TBL_ACCESSOR" Table		
Name	Type	Unique
TBL_ACCESSOR_PK	PK	Yes
TBL_ACCESSOR_IE1	IE1	No
TBL_ACCESSOR_IE2	IE2	No
TBL_ACCESSOR_IE3	IE3	No
TBL_ACCESSOR_IF1	IF1	No
TBL_ACCESSOR_IF2	IF2	No

Member(s) of "TBL_ACCESSOR PK" Index

Column
Name

ACCESSORID
------------

<b>Member(s) of "TBL_ACCESSOR_IE1" Index</b>
--

Column
Name
NAME

<b>Member(s) of "TBL_ACCESSOR_IE2" Index</b>
--

Column
Name
TYPENUM

<b>Member(s) of "TBL_ACCESSOR_IE3" Index</b>
--

Column
Name
STATUSNUM

<b>Member(s) of "TBL_ACCESSOR_IF1" Index</b>
--

Column
Name
ACCESSORID

<b>Member(s) of "TBL_ACCESSOR_IF2" Index</b>
--

Column
Name
ACCESSORID

Trigger(s) of "TBL_ACCESSOR" Table	
Name	Type
TBL_ACCESSOR_TRI1	INSERT
TBL_ACCESSOR_TRU1	UPDATE

Table(s) of "TBL_USER" Picture Object	
Name	TBL_USER
Comment	CHILD/DEPENDENT TABLE TO ACCESSOR. A User represents a person who can actually login and use the ACT! application. Users can optionally belong to one or more Teams which is stored in the TEAM_USER table. The User-specific information, such as LOGIN and PASSWORD, etc. is stored in this table while the "Contact/person-related" information is stored in the CONTACT table. A USER record cannot exist without a reference to it's corresponding CONTACT record.

Column(s) of "TBL_USER" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
CONTACTID	uniqueidentifier	The PRIMARY KEY for the Contact record. This is required as the My Record information is physically stored in the Contact table (TBL_CONTACT).	NOT NULL	No	Yes
ROLEID	uniqueidentifier	Primary Key.	NOT NULL	No	Yes
USERLOGIN	nvarchar(128)	This is the LOGIN name/account which a User will type-into the creditials dialog when attempting to connect to the database. This value does not have to match the User's Name (stored in the TBL_CONTACT table).	NOT NULL	No	No
PASSWORD	nvarchar(50)	Contains the hashed string value of the User's password.	NOT NULL	No	No
USEPERSONALFILES	bit	BOOLEAN. Determines if the User can use the Persoanl Supplemental File System (Personal Datastore).	NOT NULL	No	No
ISVERIFIED	bit	BOOLEAN. Indicates whether the User has been verified via their product Serial Number.	NOT NULL	No	No
UTC_OFFSET	smallint	Used to support external Reporting (via the ACT! OLE-DB provider). Set by the OLE-DB provider upon connection, contains the UTC off-set (in number of hours, either positive or negative) as determined by the client machine running the application. This is needed as all datetime values in the database are stored as UTC.	NULL	No	No



ISFORCEPWDCHG	bit	BOOLEAN. Determines if the User will be forced to change his/her password upon subsequent logon to the database. Valid values: 0 = User will not be forced 1 = User will be forced	NOT NULL	No	No
ISALLOWPWDCHG	bit	BOOLEAN. When true(1), the User is allowed to change their password (or another Admin on their behalf). When false(0), an Administrator is the only one allowed to change the password. When true, the menu option File>Set Password is disabled. Valid values: 0 = User cannot change their password 1 = User can change their password	NOT NULL	No	No
ISPWDNEVEREXPIRE	bit	BOOLEAN. Toggles setting that if the Password Policy for the database has Expiration on for passwords, that will be ignored for this user. Valid values: 0 = User does not have to change password in accordance with Database Password Policy 1 = User must comply with Database Password Policy, password can expire.	NOT NULL	No	No
ISPWDCASESENSITIVE	bit	BOOLEAN. Indicates whether the user's password is stored as case-sensitive or not. Valid values: 0 = not case-sensitive 1 = case-sensitive	NOT NULL	No	No
LAST_LOGONHISTORYID	uniqueidentifier	OPTIONAL - Foreign Key to TBL_LOGONHISTORY. Identifies the record representing the last/current User Logon for the User.	NULL	No	No
WORKFLOW_ENPOINT	nvarchar(512)	512 in length to match the configvalue in the database, where this is also stored.	NULL	No	No
USERID	uniqueidentifier		NOT NULL	Yes	Yes

Default(s) of "ISVERIFIED" Column	
Name	Default
TBL_USER_ISVERIFIED_DEF	0

Default(s) of "UTC_OFFSET" Column	
Name	Default

TBL_USER_UTC_OFFSET_DEF	0
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**Default(s) of "ISFORCEPWDCHG" Column**

Name	Default
TBL_USER_ISFORCEPWDCHG_DEF	0

**Default(s) of "ISALLOWPWDCHG" Column**

Name	Default
TBL_USER_ISALLOWPWDCHG_DEF	1

**Default(s) of "ISPWDNEVEREXPIRE" Column**

Name	Default
TBL_USER_ISPWDNEVEREXPIRE_DEF	1

**Default(s) of "ISPWD\_CASESENSITIVE" Column**

Name	Default
TBL_USER_ISPWD_CASESENSITIVE_DEF	0

**Index(s) of "TBL\_USER" Table**

Name	Type	Unique
TBL_USER_PK	PK	Yes
TBL_USER_AK1	AK1	Yes
TBL_USER_AK2	AK2	Yes
TBL_USER_IF99	IF99	No
TBL_USER_IF100	IF100	Yes

**Member(s) of "TBL\_USER\_PK" Index**

**Column**

Name
USERID

**Member(s) of "TBL\_USER\_AK1" Index**

**Column**

Name
USERLOGIN

**Member(s) of "TBL\_USER\_AK2" Index**

**Column**

Name
CONTACTID

**Member(s) of "TBL\_USER\_IF99" Index**

**Column**

Name
ROLEID

**Member(s) of "TBL\_USER\_IF100" Index**

**Column**

Name
USERID

**Trigger(s) of "TBL\_USER" Table**

Name	Type
TBL_USER_TRI1	INSERT
TBL_USER_TRU1	UPDATE
TBL_USER_TRD1	DELETE

Table(s) of "TBL_CONTACT" Picture Object	
<b>Name</b>	TBL_CONTACT
<b>Comment</b>	A Contact represents the primary, central entity to the database and application. Typically represents a person or thing that you need to keep track of. When a Contact's Company field is linked with a Company record, it is known as a "linked Contact". Three types of Contact records are stored: Contacts Users (My Records) Secondary Contacts The base table for the user-extensible Entity "Contact".

Column(s) of "TBL_CONTACT" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
CONTACTID	uniqueidentifier	Primary Key.	NOT NULL	Yes	No
CREATEDATE	datetime	Date and Time the record was created. This value does not change; for conversion and import (from another ACT! database) this value will be the value of the source record	NOT NULL	No	No
TYPENUM	tinyint	An ENUMERATION. An internal-use field for identifying the record type. Valid values are: 0 = Contact 1 = User My Record 2 = Secondary	NOT NULL	No	No
SALUTATION	nvarchar(32)	The Contact letter greeting name (i.e. John, Mr. Smith)	NULL	No	No
LASTNAME	nvarchar(128)	Last name.	NULL	No	No
CATEGORY	nvarchar(256)	Category assigned to the Contact. This is the ID/Status field.	NULL	No	No
EDITDATE	datetime	Date and Time the record was last edited - either directly or indirectly via the creation or edit of an associated record	NULL	No	No
ISPRIVATE	bit	Boolean. Specifies if the record is Private to one User or not. Values are: 0 = Not Private 1 = Private If Private, only the Record Manager may view the record. Only the Record Manager, or another user with Manage Others Users [recordtype] can change this value. A Private record will have only one ACL record, and that is for the Record Manager.	NOT NULL	No	No

FIRSTNAME	nvarchar(64)	First name.	NULL	No	No
MIDDLENAME	nvarchar(64)	Middle name (or initial).	NULL	No	No
NAMEPREFIX	nvarchar(32)	Contains the string value of the Contact name prefix (i.e. Mr., Dr.)	NULL	No	No
NAMESUFFIX	nvarchar(32)	Contains the string value of the Contact name suffix (i.e. Sr., III)	NULL	No	No
JOBTITLE	nvarchar(128)	Contact's Job Title.	NULL	No	No
DEPARTMENT	nvarchar(128)	Contact's Department.	NULL	No	No
BIRTHDATE	datetime	ANNUAL EVENT datatype. Birthday of the Contact.	NULL	No	No
LASTMEETDATE	datetime	Date of the last Meeting Held with the Contact. Triggered by the system via the corresponding History (aka Clearing) Type.	NULL	No	No
LASTREACHDATE	datetime	Date of the last Call Completed to the Contact. Triggered by the system via the corresponding History (aka Clearing) Type.	NULL	No	No
LASTATTEMPTDATE	datetime	Date of the last Call Attempted to the Contact. Triggered by the system via the corresponding History (aka Clearing) Type.	NULL	No	No
LASTLETTERDATE	datetime	The date of the Last Letter Sent to the Contact. Triggered by the system via the corresponding History (aka Clearing) Type.	NULL	No	No
LASTRESULTS	nvarchar(128)	Description of the Last Results with the Contact.	NULL	No	No
REFERREDBY	nvarchar(64)	Description of the Contact's Referral Source.	NULL	No	No
SPOUSENAME	nvarchar(64)	Full Name of the Contact's spouse. Note that there is no name parsing for this field.	NULL	No	No
USER5	nvarchar(64)	A User-definable field	NULL	No	No
USER7	nvarchar(75)	A User-definable field	NULL	No	No
USER8	nvarchar(75)	A User-definable field	NULL	No	No
USER1	nvarchar(64)	A User-definable field	NULL	No	No
USER9	nvarchar(75)	A User-definable field	NULL	No	No
USER3	nvarchar(64)	A User-definable field	NULL	No	No
USER10	nvarchar(64)	A User-definable field	NULL	No	No
CONTACTWEBADDRESS	nvarchar(128)	Web address (URL) for the Contact. Note that this is a default 'Linked' Company-Contact mapped field for updating values to Linked Contacts.	NULL	No	No

USER2	nvarchar(64)	A User-definable field	NULL	No	No
USER4	nvarchar(64)	A User-definable field	NULL	No	No
USER6	nvarchar(64)	A User-definable field	NULL	No	No
ISIMPORTED	bit	Boolean. Values are: 1 = Private 0 = Public Identifies if the record originated via the Import feature of the application.	NOT NULL	No	No
FULLNAME	nvarchar(128)	A read-only, denormalized field composed by the name parsing feature of the ACT! Framework. Value is derived from the individual name component field (FIRSTNAME, LASTNAME, etc.)	NULL	No	No
COMPANYNAME	nvarchar(128)	Contact's Company name. This field will be populated with the NAME value of the TBL_COMPANY record if the COMPANYID field is populated (this denotes a Linked Contact/Company).	NULL	No	No
COMPANYID	uniqueidentifier	Foreign Key. Optional Foreign Key which identifies the 'Linked' Company record (in TBL_COMPANY). This field will only be populated when the Contact is Linked to the Company.	NULL	No	Yes
INSTANTMSGID	nvarchar(16)	Instant Messaging Id/name for the Contact.	NULL	No	No
LASTEMAILDATE	datetime	Date of the last E-mail sent to the Contact. Triggered by the system via the corresponding History (aka Clearing) Type.	NULL	No	No
ISUSER	bit	COMPUTED COLUMN - based upon TYPENUM enumeration value.	NULL	No	No
IMPORTDATE	datetime	Optional Date and Time that the record was last Imported and/or Merged via the Import Process/Task.	NULL	No	No
AEM_OPTOUT	bit	Boolean system field. Indicates whether the Contact has opted out of <u>emarketing</u>	NOT NULL	No	No
AEM_BOUNCEBACK	bit	Boolean system field. Indicates whether the Contact email has bounced back.	NOT NULL	No	No

ISFAVORITE	bit	Boolean system field. Indicates whether the Contact was marked as favorite	NOT NULL	No	No
LATITUDE	decimal(9,6)		NULL	No	No
LONGITUDE	decimal(9,6)		NULL	No	No
CREATEUSERID	uniqueidentifier		NULL	No	Yes
MANAGEUSERID	uniqueidentifier		NULL	No	Yes
EDITUSERID	uniqueidentifier		NULL	No	Yes

#### Validation(s) of "TYPENUM" Column

Name	Type	Min	Max	Rule
TBL_CONTACT_TYP-ENUM_CHK	TBL_CONTACT_TYP-ENUM_CHK	0	2	TYPENUM BETWEEN 0 AND 2

#### Default(s) of "AEM\_OPTOUT" Column

Name	Default
TBL_CONTACT_AEM_OPTOUT_DEF	0

#### Default(s) of "AEM\_BOUNCEBACK" Column

Name	Default
TBL_CONTACT_AEM_BOUNCEBACK_DEF	0

#### Default(s) of "ISFAVORITE" Column

Name	Default
TBL_CONTACT_ISFAVORITE_DEF	0

#### Index(s) of "TBL\_CONTACT" Table

Name	Type	Unique
TBL_CONTACT_PK	PK	Yes
TBL_CONTACT_IE7	IE2	No
TBL_CONTACT_IE2	IE3	No
TBL_CONTACT_IE4	IE4	No
TBL_CONTACT_IE5	IE5	No
TBL_CONTACT_IE6	IE6	No
TBL_CONTACT_IE8	IE7	No
TBL_CONTACT_IE1	IE8	No
TBL_CONTACT_IF125	IF125	No
TBL_CONTACT_IF126	IF126	No
TBL_CONTACT_IF127	IF127	No
TBL_CONTACT_IF128	IF128	No

#### Member(s) of "TBL\_CONTACT\_PK" Index

##### Column

Name
CONTACTID

#### Physical Property(s) of "TBL\_CONTACT\_PK" Index

FILLFACTOR
75

#### Member(s) of "TBL\_CONTACT\_IE7" Index

##### Column

Name
CREATEDATE

##### Column

Name
EDITDATE

#### Physical Property(s) of "TBL\_CONTACT\_IE7" Index

FILLFACTOR
75

#### Member(s) of "TBL\_CONTACT\_IE2" Index

<b>Column</b>
<b>Name</b>
FIRSTNAME

<b>Physical Property(s) of "TBL_CONTACT_IE2" Index</b>
<b>FILLFACTOR</b>
75

<b>Member(s) of "TBL_CONTACT_IE4" Index</b>
---

<b>Column</b>
<b>Name</b>
CATEGORY

<b>Physical Property(s) of "TBL_CONTACT_IE4" Index</b>
<b>FILLFACTOR</b>
75

<b>Member(s) of "TBL_CONTACT_IE5" Index</b>
---

<b>Column</b>
<b>Name</b>
COMPANYNAME

<b>Physical Property(s) of "TBL_CONTACT_IE5" Index</b>
<b>FILLFACTOR</b>
75

<b>Member(s) of "TBL_CONTACT_IE6" Index</b>
---

<b>Column</b>
<b>Name</b>
TYPENUM

<b>Physical Property(s) of "TBL_CONTACT_IE6" Index</b>
<b>FILLFACTOR</b>
75

<b>Member(s) of "TBL_CONTACT_IE8" Index</b>
---

<b>Column</b>
<b>Name</b>
FULLNAME

<b>Physical Property(s) of "TBL_CONTACT_IE8" Index</b>
<b>FILLFACTOR</b>
75

<b>Member(s) of "TBL_CONTACT_IE1" Index</b>
---

<b>Column</b>
<b>Name</b>
LASTNAME

<b>Column</b>
<b>Name</b>
FIRSTNAME

<b>Column</b>
<b>Name</b>
COMPANYNAME

<b>Member(s) of "TBL_CONTACT_IF125" Index</b>
---

<b>Column</b>
<b>Name</b>

COMPANYID
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<b>Physical Property(s) of "TBL_CONTACT_IF125" Index</b>
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<b>FILLFACTOR</b>
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75
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<b>Member(s) of "TBL_CONTACT_IF126" Index</b>
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<b>Column</b>
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<b>Name</b>
-------------

CREATEUSERID
--------------

<b>Member(s) of "TBL_CONTACT_IF127" Index</b>
---

<b>Column</b>
---------------

<b>Name</b>
-------------

MANAGEUSERID
--------------

<b>Member(s) of "TBL_CONTACT_IF128" Index</b>
---

<b>Column</b>
---------------

<b>Name</b>
-------------

EDITUSERID
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<b>Trigger(s) of "TBL_CONTACT" Table</b>
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<b>Name</b>	<b>Type</b>
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TBL_CONTACT_TRI1	INSERT
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TBL_CONTACT_TRU1	UPDATE
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TBL_CONTACT_TRD1	DELETE
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Table(s) of "TBL_ACCESSOR_DELEGATE" Picture Object	
<b>Name</b>	TBL_ACCESSOR_DELEGATE
<b>Comment</b>	Identifies associations between different Accessors. Currently only supported for Calendar Delegates. Each record determines the User, Team or Resource records which could be permitted to act on behalf of, to proxy.

Column(s) of "TBL_ACCESSOR_DELEGATE" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
CREATEUSERID	uniqueidentifier		NOT NULL	No	No
ROWSOURCE	char(1)	SYSTEM FIELD. Used to optimize Synchronization (if enabled). Identifies whether the record was inserted by: A - the Application T - a Trigger Trigger-inserted records are not Sync'd	NOT NULL	No	No
CREATEDATE	datetime	Date and Time the record was created.	NOT NULL	No	No
CALENDARLEVEL	tinyint	The Access (permission) Level value of the Delegate. Value are cumulative in behavior in that Level 3 also includes Levels 1 and 2. Values are: 0 = No Access (support for possible future versions) 1 = Free/Busy 2 = View Details 3 = Edit	NOT NULL	No	No
EDITDATE	datetime	Date and Time the record was last edited.	NULL	No	No
EDITUSERID	uniqueidentifier		NULL	No	No
ACCESSORID	uniqueidentifier		NOT NULL	Yes	Yes

Default(s) of "ROWSOURCE" Column	
Name	Default
TBL_ACCESSOR_DELEGATE_ROWSOURCE_DEF	'A'

Validation(s) of "ROWSOURCE" Column				
Name	Type	Min	Max	Rule
TBL_ACCESSOR_DELEGATE_ROWSOURCE_CHK	TBL_ACCESSOR_DELEGATE_ROWSOURCE_CHK			ROWSOURCE IN ('A', 'T')

Validation(s) of "CALENDARLEVEL" Column				
Name	Type	Min	Max	Rule
TBL_ACCESSOR_DELEGATE_CALENDARLEVEL_CHK	TBL_ACCESSOR_DELEGATE_CALENDARLEVEL_CHK			CALENDARLEVEL IN (2, 3)

Index(s) of "TBL_ACCESSOR_DELEGATE" Table			
Name	Type	Unique	
TBL_ACCESSOR_DELEGATE_PK	PK	Yes	
TBL_ACCESSOR_DELEGATE_IE1	IE1	No	
TBL_ACCESSOR_DELEGATE_IF1	IF1	Yes	
TBL_ACCESSOR_DELEGATE_IF2	IF2	Yes	

**Member(s) of "TBL\_ACCESSOR\_DELEGATE\_PK" Index**

Column
Name
ACCESSORID

Physical Property(s) of "TBL_ACCESSOR_DELEGATE_PK" Index
FILLFACTOR

75
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<b>Member(s) of "TBL_ACCESSOR_DELEGATE_IE1" Index</b>
---

<b>Column</b>
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<b>Name</b>
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CALENDARLEVEL
---------------

<b>Physical Property(s) of "TBL_ACCESSOR_DELEGATE_IE1" Index</b>
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<b>FILLFACTOR</b>
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75
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<b>Member(s) of "TBL_ACCESSOR_DELEGATE_IF1" Index</b>
---

<b>Column</b>
---------------

<b>Name</b>
-------------

ACCESSORID
------------

<b>Member(s) of "TBL_ACCESSOR_DELEGATE_IF2" Index</b>
---

<b>Column</b>
---------------

<b>Name</b>
-------------

ACCESSORID
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Table(s) of "TBL_TEAM_USER" Picture Object	
<b>Name</b>	TBL_TEAM_USER
<b>Comment</b>	An association table which associates Users (TBL_USER) to Teams (TBL_TEAM). Note that some Team-User associations are system-generated based upon Role (such as Administrator).

Column(s) of "TBL_TEAM_USER" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
CREATEDATE	datetime	Date and Time the record was created.	NOT NULL	No	No
ROWSOURCE	char(1)	SYSTEM FIELD. Used to optimize Synchronization (if enabled). Identifies whether the record was inserted by: A - the Application T - a Trigger Trigger-inserted records are not Sync'd	NOT NULL	No	No
CREATEUSERID	uniqueidentifier		NOT NULL	No	No
TEAMID	uniqueidentifier		NOT NULL	Yes	Yes
USERID	uniqueidentifier		NOT NULL	Yes	Yes

Default(s) of "ROWSOURCE" Column	
Name	Default
TBL_TEAM_USER_ROWSOURCE_DEF	'A'

Validation(s) of "ROWSOURCE" Column				
Name	Type	Min	Max	Rule
TBL_TEAM_USER_ROWSOURCE_CHK	TBL_TEAM_USER_ROWSOURCE_CHK			

Index(s) of "TBL_TEAM_USER" Table		
Name	Type	Unique
TBL_TEAM_USER_PK	PK	Yes
TBL_TEAM_USER_IF1	IF1	No
TBL_TEAM_USER_IF2	IF2	No

#### Member(s) of "TBL\_TEAM\_USER PK" Index

Column
Name
TEAMID

Column
Name
USERID

#### Member(s) of "TBL\_TEAM\_USER IF1" Index

Column
Name
TEAMID

#### Member(s) of "TBL\_TEAM\_USER IF2" Index

Column
Name
USERID

Trigger(s) of "TBL_TEAM_USER" Table	
Name	Type
TBL_TEAM_USER_TRD1	DELETE
TBL_TEAM_USER_TRI1	INSERT



Table(s) of "TBL_GROUPQUERY" Picture Object	
Name	TBL_GROUPQUERY
Comment	A child/supporting table to TBL_GROUP; identifies each row of a dynamic query for determining Contact membership (optional).

Column(s) of "TBL_GROUPQUERY" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
GROUPQUERYID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	No
GROUPID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Group record.	NOT NULL	No	Yes
LEFTPAREN	tinyint	ENUMERATOR. Represents the optional LEFT parenthesis to group/nest lines of a query together. Values: 0 = No Parentheses 1 = One Paren 2 = Two Parentheses 3 = ...and so on Use of a true-valued enumerator enhances logic, readability and allows us to sum both the LEFT and RIGHT PAREN fields to ensure they equal (are in balance)	NOT NULL	No	No
RIGHTPAREN	tinyint	ENUMERATOR. Represents the optional RIGHT parenthesis to group/nest lines of a query together. Values: 0 = No Parentheses 1 = One Paren 2 = Two Parentheses 3 = ...and so on Use of a true-valued enumerator enhances logic, readability and allows us to sum both the LEFT and RIGHT PAREN fields to ensure they equal (are in balance)	NOT NULL	No	No
ORDINAL	smallint		NOT NULL	No	No
COLUMNID	uniqueidentifier	PRIMARY KEY.	NOT NULL	No	Yes
OPERATORID	tinyint	PRIMARY KEY.	NOT NULL	No	Yes
VALUESTRING2	nvarchar(500)	Optional string value of a literal supplied by the user to satisfy a WHERE condition	NULL	No	No
VALUESTRING1	nvarchar(500)	Optional string value of a literal supplied by the user to satisfy a WHERE condition	NULL	No	No
VALUEID1	tinyint	PRIMARY KEY.	NULL	No	Yes
VALUEID2	tinyint	PRIMARY KEY.	NULL	No	Yes
LOGICALOPERATOR	tinyint	ENUMERATOR. Represents the end of line statement for each line of the query. Values: 0 = END 1 = AND 2 = OR	NOT NULL	No	No

QUERYVERSIONID	uniqueidentifier	SYSTEM Field (GUID). A unique id generated each time a record's query Criteria has been added, changed or removed. This id is used to verify/validate it's child TBL_XXXXXQUERY records which comprise the QUERYTEXT field in this table.	NOT NULL	No	No
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Index(s) of "TBL_GROUPQUERY" Table		
Name	Type	Unique
TBL_GROUPQUERY_PK	PK	Yes
TBL_GROUPQUERY_IF27	IF27	No

**Member(s) of "TBL\_GROUPQUERY\_PK" Index**

Column
Name
GROUPQUERYID

**Member(s) of "TBL\_GROUPQUERY\_IF27" Index**

Column
Name
GROUPID

Table(s) of "TBL OPPORTUNITY" Picture Object	
Name	TBL_OPPORTUNITY
Comment	The Opportunity record. Each Opportunity can have zero, one or more Product/Services records associated. The currency field aggregations of the Opportunity's Product/Services records is calculated and stored in the parent Opportunity records.

Column(s) of "TBL_OPPORTUNITY" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
OPPORTUNITYID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	No
NAME	nvarchar(64)	An optional field value to identify the Opportunity.	NULL	No	No
STATUSNUM	tinyint	ENUMERATOR. Identifies the current status or state of the Opportunity. Valid values are: 0 = Open 1 = Closed - Won 2 = Closed - Lost 3 = Inactive	NOT NULL	No	No
ISPRIVATE	bit	Boolean. Specifies if the record is Private to one User or not. Values are: 0 = Not Private 1 = Private If Private, only the Record Manager may view the record. Only the Record Manager, or another user with Manage Others Users [recordtype] can change this value. A Private record will have only one ACL record, and that is for the Record Manager.	NOT NULL	No	No
COMPETITOR	nvarchar(128)	String value for any Competitor to the Opportunity.	NULL	No	No
DAYSOPEN	int	CALCULATED FIELD. Derives the number of days open based upon the OPENDATE and today if Active, otherwise the days between the OPENDATE and ACTUALCLOSEDATE.	NULL	No	No
STAGEID	uniqueidentifier	FOREIGN KEY. References the PRIMARY KEY for the TBL_STAGE record.	NOT NULL	No	Yes
OPENDATE	datetime	User-editable Date and Time the Opportunity was Opened.	NOT NULL	No	No
SOURCE	nvarchar(64)	PICKLIST VALUE. Name or description of the Lead Source, such as magazine or web inquiry, that generated the Opportunity.	NULL	No	No

ESTIMATEDCLOSEDATE	datetime	Required Datetime that the Opportunity is expected or estimated to close.	NOT NULL	No	No
ACTUALCLOSEDATE	datetime	Date and Time the Opportunity was closed whatever the Status (Won, Lost, etc.).	NULL	No	No
PROBABILITYPCT	tinyint	A required percentage value of the probability of the Opportunity closing as Won. Stored as-is, i.e. 100% is stored as 100.00...	NOT NULL	No	No
TOTALEXTENDEDAMT	decimal(18,2)	System Aggregate field. This field represents the total (SUM) of the EXTENDEDAMT field for all associated TBL_PRODUCTS-SERVICE records.	NOT NULL	No	No
WEIGHTEDAMT	decimal(18,2)	CALCULATED FIELD. This field represents the TOTALEXTENDEDAMT field on the record * the PROBABILITYPCT field on this record. For example: TOTALEXTENDEDAMT = 100.00 PROBABILITYPCT = 25.00 (25%) WEIGHTEDAMT = 25.00  This field is not editable/overridable by the User, it's a calculated field	NOT NULL	No	No
CLOSEREASON	nvarchar(128)	PICKLIST VALUE. Identifies the reason for the Opportunity close status.	NULL	No	No
CREATEDATE	datetime	Date and Time the record was created. This value does not change; for conversion and import (from another ACT! database) this value will be the value of the source record	NOT NULL	No	No
USER3	nvarchar(64)	A User-definable field.	NULL	No	No
USER4	nvarchar(64)	A User-definable field.	NULL	No	No
EDITDATE	datetime	Date and Time the record was last edited - either directly or indirectly via the creation or edit of an associated record	NULL	No	No
USER5	nvarchar(64)	A User-definable field.	NULL	No	No
USER1	nvarchar(64)	A User-definable field.	NULL	No	No
USER6	nvarchar(64)	A User-definable field.	NULL	No	No
USER2	nvarchar(64)	A User-definable field.	NULL	No	No



USER7	nvarchar(64)	A User-definable field.	NULL	No	No
USER8	nvarchar(64)	A User-definable field.	NULL	No	No
GROSSMARGINAMT	decimal(18,2)	Represents a value calculated by the Framework code, the difference between the Discounted Price of the Product(s) and their cost. Formula is based upon corresponding records in TBL_OPPORTUNITY_PRODUCT:  ((DISCOUNTPRICE * QUANTITY) - (UNITCOST * QUANTITY))	NULL	No	No
IMPORTDATE	datetime	Optional Date and Time that the record was last Imported and/or Merged via the Import Process/ Task.	NULL	No	No
STATUS	nvarchar(20)		NOT NULL	No	No
STAGESTARTDATE	char(18)		NULL	No	No
DAYSINSTAGE	int	Number of days at the particular stage	NULL	No	No
ACCESSORID	uniqueidentifier		NULL	No	Yes
SOURCEID	uniqueidentifier	No Foreign Key relationships. This field will be used to keep track of the Marketing Campaign that created the Opportunity so we can do reporting back to the number of leads generated by a Campaign and revenue generated.	NULL	No	No

#### Validation(s) of "STATUSNUM" Column

Name	Type	Min	Max	Rule
TBL_OPPORTUNITY_-STATUSNUM_CHK	TBL_OPPORTUNITY_-STATUSNUM_CHK			STATUSNUM IN (0, 1, 2, 3)

#### Validation(s) of "PROBABILITYPCT" Column

Name	Type	Min	Max	Rule
TBL_OPPORTUNITY_-PROBABILITYPCT_CHK	TBL_OPPORTUNITY_-PROBABILITYPCT_CHK	0	100	PROBABILITYPCT BETWEEN 0 AND 100

#### Default(s) of "WEIGHTEDAMT" Column

Name	Default
TBL_OPPORTUNITY_WEIGHTEDAMT_DEF	0

#### Default(s) of "GROSSMARGINAMT" Column

Name	Default
TBL_OPPORTUNITY_GROSSMARGINAMT_DEF	0

#### Index(s) of "TBL\_OPPORTUNITY" Table

Name	Type	Unique
TBL_OPPORTUNITY_PK	PK	Yes
TBL_OPPORTUNITY_IF15	IF15	No
TBL_OPPORTUNITY_IF16	IF16	No
TBL_OPPORTUNITY_IF17	IF17	No
TBL_OPPORTUNITY_IF18	IF18	No
TBL_OPPORTUNITY_IF6	IE1	No

#### Member(s) of "TBL\_OPPORTUNITY\_PK" Index

Column
Name

OPPORTUNITYID
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<b>Physical Property(s) of "TBL_OPPORTUNITY_PK" Index</b>
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<b>FILLFACTOR</b>
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75
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<b>Member(s) of "TBL_OPPORTUNITY_IF15" Index</b>
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<b>Column</b>
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<b>Name</b>
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STAGEID
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<b>Physical Property(s) of "TBL_OPPORTUNITY_IF15" Index</b>
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<b>FILLFACTOR</b>
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75
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<b>Member(s) of "TBL_OPPORTUNITY_IF16" Index</b>
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<b>Column</b>
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<b>Name</b>
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ACCESSORID
------------

<b>Member(s) of "TBL_OPPORTUNITY_IF17" Index</b>
--

<b>Column</b>
---------------

<b>Name</b>
-------------

ACCESSORID
------------

<b>Member(s) of "TBL_OPPORTUNITY_IF18" Index</b>
--

<b>Column</b>
---------------

<b>Name</b>
-------------

ACCESSORID
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<b>Member(s) of "TBL_OPPORTUNITY_IF6" Index</b>
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<b>Column</b>
---------------

<b>Name</b>
-------------

SOURCEID
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<b>Trigger(s) of "TBL_OPPORTUNITY" Table</b>
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<b>Name</b>	<b>Type</b>
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TBL_OPPORTUNITY_TR11	INSERT
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TBL_OPPORTUNITY_TRU1	UPDATE
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Table(s) of "TBL_GROUP" Picture Object	
<b>Name</b>	TBL_GROUP
<b>Comment</b>	The base table for the Group entity records. Contains self-referencing information specific to hierarchy. Has a supporting child table for dynamic queries TBL_GROUPQUERY. Contact membership can be either static, dynamic or both. The base table for the user-extensible Entity "Group".

Column(s) of "TBL_GROUP" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
GROUPID	uniqueidentifier	Primary Key.	NOT NULL	Yes	No
ISPRIVATE	bit	Boolean. Specifies if the record is Private to one User or not. Values are: 0 = Not Private 1 = Private If Private, only the Record Manager may view the record. Only the Record Manager, or another user with Manage Others Users [recordtype] can change this value. A Private record will have only one ACL record, and that is for the Record Manager.	NOT NULL	No	No
NAME	nvarchar(128)	Required UNIQUE. A distinguishing name to identify the record.	NOT NULL	No	No
HIERLEVEL	int	Top-level GROUP, one with no parent GROUP, will have a value of zero (0). otherwise, the value will be it's parent's HIERLEVEL value plus one (+1).	NULL	No	No
DESCRIPTION	nvarchar(128)	An optional narrative description text for the record.	NULL	No	No
HASSUBGROUP	bit	BOOLEAN datatype. True(1) if the Group has one or more Group record beneath it, i.e. sub-Groups.	NOT NULL	No	No
HIERPATH	varchar(556)	The path value always begins with the period '.' character followed by a shortened value of the GROUPID followed by another period '.' character. if the record has a PARENTGROUPID, the hierpath will begin with that parent's hierpath then appended with the current (sub) group's HEIRPATH.	NULL	No	No

OPPQUERYTEXT	nvarchar(max)	For OPPORTUNITY List. For a Dynamic (or Hybrid) Group type, this is the actual SQL syntax to pass into the WHERE clause for query execution. This is a shadowed and de-normalized attribute made up of records (if any) from the GROUPQUERY table.	NULL	No	No
CREATEDATE	datetime	Date and Time the record was created. This value does not change; for conversion and import (from another ACT! database) this value will be the value of the source record	NOT NULL	No	No
EDITDATE	datetime	Date and Time the record was last edited - either directly or indirectly via the creation or edit of an associated record	NULL	No	No
CONTACTQUERYTEXT	nvarchar(max)	For the CONTACT List. For a Dynamic (or Hybrid) Group type, this is the actual SQL syntax to pass into the WHERE clause for query execution. This is a shadowed and de-normalized attribute made up of records (if any) from the GROUPQUERY table.	NULL	No	No
PARENTGROUPID	uniqueidentifier	Self-referencing Foreign Key. Optional field containing a value for any GROUP record which is a child or sub-Group to another GROUP record.	NULL	No	Yes
QUERYVERSIONID	uniqueidentifier	SYSTEM Field (GUID). A unique id generated each time a record's query Criteria has been added, changed or removed. This id is used to verify/validate it's child TBL_XXXXXQUERY records which comprise the QUERYTEXT field in this table.	NOT NULL	No	No

IMPORTDATE	datetime		NULL	No	No
ACCESSORID	uniqueidentifier		NULL	No	Yes

**Default(s) of "HASSUBGROUP" Column**

Name	Default
TBL_GROUP_HASSUBGROUP_DEF	0

**Index(s) of "TBL\_GROUP" Table**

Name	Type	Unique
TBL_GROUP_PK	PK	Yes
TBL_GROUP_IF4	IF4	No
TBL_GROUP_IF5	IF5	No
TBL_GROUP_IF6	IF6	No
TBL_GROUP_IF7	IF7	No

**Member(s) of "TBL\_GROUP\_PK" Index**

**Column**

Name
GROUPID

**Physical Property(s) of "TBL\_GROUP\_PK" Index**

FILLFACTOR
75

**Member(s) of "TBL\_GROUP\_IF4" Index**

**Column**

Name
PARENTGROUPID

**Physical Property(s) of "TBL\_GROUP\_IF4" Index**

FILLFACTOR
75

**Member(s) of "TBL\_GROUP\_IF5" Index**

**Column**

Name
ACCESSORID

**Member(s) of "TBL\_GROUP\_IF6" Index**

**Column**

Name
ACCESSORID

**Member(s) of "TBL\_GROUP\_IF7" Index**

**Column**

Name
ACCESSORID

**Trigger(s) of "TBL\_GROUP" Table**

Name	Type
TBL_GROUP_TRI1	INSERT
TBL_GROUP_TRU1	UPDATE
TBL_GROUP_TRD1	DELETE
TBL_GROUP_TRI2	INSERT
TBL_GROUP_TRU2	UPDATE

Table(s) of "TBL_SYSCOLUMN" Picture Object	
<b>Name</b>	TBL_SYSCOLUMN
<b>Comment</b>	System metadata table. Contains an entry for each field/column in the database. Provides the logical to physical mapping/translation between the application and the RDBMS.

Column(s) of "TBL_SYSCOLUMN" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
COLUMNID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	No
COLUMNNAME	nvarchar(64)	UNIQUE within table. The physical name of the column/field in the database. This is generally not exposed to the user, instead we generally show the DISPLAYNAME which is user-defineable and localizable.	NOT NULL	No	No
DISPLAYNAME	nvarchar(192)	UNIQUE within table. The user-defineable and localizable name of the column/field in the database. This is exposed to the user in the application. The COLUMNNAME represents the physical name of the column/field in the database.	NOT NULL	No	No
ISCUSTOM	bit	BOOLEAN. Represents whether the record has been added by the User. Values: 0 = Not added by the User 1 = Added by the User	NOT NULL	No	No
ISDISPLAYED	bit	BOOLEAN. A value utilized by the application for determining which columns to display to the User in dialogs such as drop-downs for Groups and Lookups. Values: 0 = Do not display 1 = Display A separate field, ISDEFINEFIELD, is used to identify records eligible to be exposed in the Define Fields module/dialog.	NOT NULL	No	No

ALIASNAME	nvarchar(64)	Optional. Introduced to support Custom Tables, a user-provided name (via the SDK) to specify for a column to use for binding on Layouts, Reports, etc. The value for ALIASNAME can either be NULL or not NULL. If not NULL, the value must be unique within its Entity to which it belongs across any/all tables which comprise that Entity (or Sub-Entity).  NOTE: this value is used as the Columnname for the OLE DB Reporting Provider v2.0.	NULL	No	No
ORDINAL	smallint	The column order within the table. For real/physical and Calculated columns (TYPENUM = 0, 4 respectively), this is the actual physical ordinal position/order of the field within the table. For Virtual (TYPENUM = 2) columns it is arbitrary.	NOT NULL	No	No
DATATYPEID	tinyint	PRIMARY KEY.	NOT NULL	No	Yes
ISNULLABLE	bit	BOOLEAN. Represents the physical NULLability of the field in the database. This is not to be confused with the ISALLOWBLANK attribute of this table which is exposed to the User to state the business rule of allowing a field to be left blank.	NOT NULL	No	No
ISPRIMARY	bit	BOOLEAN. Not to be confused with Primary Key. This determines if the user, via Define Fields, has identified the column as a Primary Field. During the Duplicate Record task, one of the options is to copy only Primary Fields - this field identifies those Primary Fields.	NOT NULL	No	No

ISTRACKED	bit	BOOLEAN. Set by the User in Define Fields, determines if a record is written to History when the value in the field changes. When the value is: 0 = Do not write History 1 = Write History record	NOT NULL	No	No
ISREMOVEABLE	bit	BOOLEAN. Probably not directly exposed to the user in Define Fields or elsewhere. Values: 0 = Column cannot be deleted/removed 1 = Column can be deleted/removed This is a system setting for shipped fields. This enforces core fields for a table as defined by Product Mgmt and/or Development. An example of a non-removeable field would be the LASTNAME in TBL_CONTACT.	NOT NULL	No	No
LENGTH	smallint	The physical length of the column. This does not necessarily represent the number of bytes which could be different.	NULL	No	No
DECIMALPRECISION	tinyint	The scale, number of digits supported to the right of the decimal.	NULL	No	No
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.	NOT NULL	No	No
CREATEDATE	datetime	Date and Time the record was created.	NOT NULL	No	No
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.	NULL	No	No
EDITDATE	datetime	Date and Time the record was last edited.	NULL	No	No
TABLEID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the TBL_SYSTABLE record	NOT NULL	No	Yes
TYPENUM	tinyint	ENUMERATOR. An internal-use numeric value representing the type of column. Values: 0 = Real 1 = Real Has Virtuals 2 = Typed Virtual 3 = Non-Typed Virtual 4 = Calculated 5 = Accessor Virtuals Virtual columns are a representation of the real fields in a	NOT NULL	No	No



		table materialized across a record discriminator, generally a TYPEID (of ActDatatype RECORDTYPE).			
REF_TYPEID	uniqueidentifier	FOREIGN KEY to PICKLISTITEM, support for Virtual Columns (TYPENUM=2). Contains the GUID value of the RECORDTYPE for the Virtual Column. This is a value to be used together with REF_TYPECOLUMN for queries. For example, a Virtual Column of 'WORK_CITY' would have a REF_TYPEID that would link to the PICKLISTITEM with a NAME value of 'Work'. Note that PICKLISTS are bound to COLUMNS via the PICKLIST_SYSCOLUMN associative table.	NULL	No	Yes
ALLOWDATATYPECHANGE	bit	BOOLEAN. Determines if the field datatype can be changed in Define Fields. Values: 0 - datatype cannot be changed 1 - datatype can be changed	NOT NULL	No	No
VALIDACCESSLEVELS	tinyint	BITWISE ENUMERATION. Determines the valid/allowable Access Levels for the column that can be set in Define Fields. This applies to both the Default Access as well as User and Team-specific Access.  LEGEND: (NA=NO ACCESS, RO=READ ONLY, RW=READ WRITE) 1 - NA 2 - RO 3 - NA,RO 4 - RW 5 - NA,RW 6 - RO,RW 7 - NA,RO,RW	NOT NULL	No	No

REF_TYPECOLUMN	nvarchar(64)	Support for Virtual Columns (TYPENUM=2,3,5). Contains the fully-qualified physical COLUMN-NAME of the RECORDTYPE field it represents, which should be the same value for all Virtual Columns in the same table. For example, a Virtual Column in the ADDRESS table would have a REF_TYPECOLUMN value of 'dbo.TBL_ADDRESS.TYPEID'	NULL	No	No
CALCDISPLAY	nvarchar(max)	Optional, contains the DISPLAYED source definition of a Calculated Field (TYPENUM=4). The format is TBD, but will need to reference columns by DISPLAYNAME to facilitate showing the column definition to the users.  Each COLUMN that participates in a Calculated Field is also stored in a child table SYSCALCOLUMN. This is for RI and other checks in case the user attempts to modify (via Define Fields or the SDK) any of the underlying base columns/fields.	NULL	No	No
REF_REALCOLUMN	nvarchar(64)	Support for Virtual Columns (TYPENUM=2,3,5). Contains the fully-qualified physical COLUMN-NAME of the field it represents. For example, a Virtual Column of WORK_CITY would have a REF_REALCOLUMN value of 'dbo.TBL_ADDRESS.CITY'	NULL	No	No
FIELDFORMAT	nvarchar(500)	Optional value set by the User in Define Fields, identifies any desired formatting/masking of values in the field. The mask can include literals to be included within the mask, as well. Valid Character Field Mask Symbols: # - Character must be numeric 0-9 @ - Character must be alphabetic % - Character can be either numeric or alphabetic	NULL	No	No

DEFAULTVALUE	nvarchar(500)	Optional value set by the User in Define Fields, determines if a record is to get a pre-determined value upon creation of a new record. Similar to a DEFAULT CONSTRAINT in a database.	NULL	No	No
ISPROTECTED	bit	* DEPRECATED IN 9.0 * BOOLEAN. Set by the User in Define Fields, determines if a the column allows entry. Values: 0 = No data entry 1 = Allow data entry This value must be loaded and respected by the Forms and Layouts of the application for enforcement. This field replaces the Entry Rules in previous versions of ACT! as the 'Only from drop-down' has moved to the PICKLIST_SYSCOLUMN relationship table.	NOT NULL	No	No
ISALLOWBLANK	bit	BOOLEAN. Set by the User in Define Fields, states a business rule whether or not the field can be left blank. Differs from ISNULLABLE which represents the physical NULLability of the field in the database.	NOT NULL	No	No
ISDEFINEFIELD	bit	BOOLEAN. Supports the Define Fields dialog/module. Values: 0 = Do not expose in Define Fields 1 = Show in Define Fields A separate field, ISDISPLAYED, is used to identify records eligible to be exposed in the other areas of the application outside of Define Fields.	NOT NULL	No	No
UPDATETYPE	tinyint	ENUMERATOR, internal-use only field. A system field used by the application framework and database triggers and procs to determine any underlying DDL actions to take. Used specifically in trigger TBL_SYSCOLUMN_TRU1. Valid values: 0 = Logical (no DDL required) 1 = Compatible (can perform ALTER TABLE) 2 = Unload (data scrubed before ALTER TABLE) 3 = Invalid (cannot be updated as	NULL	No	No

		requested)			
CALCDEFINITION	nvarchar(max)	Optional, contains the internal source definition of a Calculated Field (TYPENUM=4). The format is stored in a native format in that it is used as the unaltered source to perform the underlying DDL. It contains columns by COLUMNNAME.  Each COLUMN that participates in a Calculated Field is also stored in a child table SYSCALCCOLUMN. This is for RI and other checks in case the user attempts to modify (via Define Fields or the SDK) any of the underlying base columns/fields.	NULL	No	No
EVENTONCHANGE	nvarchar(512)	Optional field; used to support ACT! Triggers. This value references the file for the Change Event which is exposed to the user as On Change.	NULL	No	No
EVENTONLOSTFOCUS	nvarchar(512)	Optional field; used to support ACT! Triggers. This value references the file for the LostFocus Event which is exposed to the user as On Exit.	NULL	No	No
EVENTONFOCUS	nvarchar(512)	Optional field; used to support ACT! Triggers. This value references the file for the OnFocus Event which is exposed to the user as On Enter.	NULL	No	No
REF_REALCOLUMNID	uniqueidentifier	FOREIGN KEY. This field is applicable only to Virtual Columns (TYPENUM=2,3,5). This foreign keys to the same table, the COLUMNID of the base (real) column that the virtual column is based upon.	NULL	No	Yes
REF_JOINCOLUMN	nvarchar(64)	Support for Virtual Columns (TYPENUM=2,3,5). Contains the fully-qualified name of the column on which to perform the JOIN. An example would be for an Accessor Virtual column: dbo.TBL_ACCESSOR.ACCESSORID The REF_TYPECOLUMN would join to this REF_JOINCOLUMN.	NULL	No	No

MIN_COLUMNLENGTH	smallint	Optional Field. Used to support the sacred fields in the base schema. If NOT NULL, this value represents the smallest/minimum size (length) that the column can be sized.	NULL	No	No
ISRESIZEABLE	bit	BOOLEAN. Identifies if a column can be resized in Define Fields. Some datatypes simply cannot be resized such as datetime fields. Others such as character can. This field is used in conjunction with MIN_COLUMNLENGTH to support and protect the sacred fields. Values: 0 = Column is not resizable 1 = Column is resizable	NOT NULL	No	No
RECORDIDENTIFIER	tinyint	Optional, treated as an ordinal/sequence. Used to set and identify the fields which the user wants as the Record Identifier for an Entity (or Sub-Entity). Introduced to support custom tables (Sub-Entities) and the Track Changes property.  In this event, the History Details will be associated to the Sub-Entities parent record association (s); the Details will include the values of the RECORDIDENTIFIER fields in their numerical order for context	NULL	No	No
DESCRIPTION	nvarchar(max)	An optional narrative description of the field.	NULL	No	No
OLEDBTYPENUM	tinyint	System enumeration. Determines if the column is used to generate the OLE/DB Reporting v1.0 Views (VRP_) and if so, if the OLEDBNAME field is to be updated when the DISPLAYNAME of the column is changed. Valid values: 0 = Not a Reporting column 1 = A non-Renamable Reporting column 2 = A Renamable Reporting column	NOT NULL	No	No

OLEDBNAME	nvarchar(96)	UNIQUE within the table. The user-definable (indirectly) and localizable name of the column/field in the database FOR THE EXTERNAL OLE/DB PROVIDER v1.0; This is exposed to the user only via the OLE/DB Provider v1.0. This field is initially set to the DISPLAYNAME of the column but may be changed as that field is renamed depending upon the OLEDBTYPENUM enum value.	NULL	No	No
SYNCTYPENUM	tinyint	System Enumeration Field. Identifies the how and if the column participates in Synchronization. Valid values include: 0 = Log, Sync 1 = Log, No Sync 2 = No Log, Sync 3 = No Log, No Sync	NOT NULL	No	No

Validation(s) of "TYPENUM" Column				
Name	Type	Min	Max	Rule
TBL_SYSCOLUMN_TYPENUM_CHK	TBL_SYSCOLUMN_TYPENUM_CHK			TYPENUM IN (0, 1, 2, 3, 4, 5)

Default(s) of "ALLOWDATATYPECHANGE" Column	
Name	Default
TBL_SYSCOLUMN_ALLOWDATATYPECHANGE_DEF	1

Default(s) of "VALIDACCESSLEVELS" Column	
Name	Default
TBL_SYSCOLUMN_VALIDACCESSLEVELS_DEF	7

Validation(s) of "VALIDACCESSLEVELS" Column				
Name	Type	Min	Max	Rule
TBL_SYSCOLUMN_VALIDACCESSLEVELS_CHK	TBL_SYSCOLUMN_VALIDACCESSLEVELS_CHK	1	7	VALIDACCESSLEVELS IN (1, 2, 3, 4, 5, 6, 7)

Validation(s) of "UPDATETYPE" Column				
Name	Type	Min	Max	Rule
TBL_SYSCOLUMN_UPDATETYPE_CHK	TBL_SYSCOLUMN_UPDATETYPE_CHK			UPDATETYPE IN (0, 1, 2, 3)

Default(s) of "ISRESIZEABLE" Column	
Name	Default
TBL_SYSCOLUMN_ISRESIZEABLE_DEF	0

Validation(s) of "RECORDIDENTIFIER" Column				
Name	Type	Min	Max	Rule
TBL_SYSCOLUMN_RECORDIDENTIFIER_CHK	TBL_SYSCOLUMN_RECORDIDENTIFIER_CHK	1	3	RECORDIDENTIFIER BETWEEN 1 AND 3

Default(s) of "OLEDBTYPENUM" Column	
Name	Default
TBL_SYSCOLUMN_OLEDBTYPENUM_DEF	0

Default(s) of "SYNCTYPENUM" Column	
Name	Default

TBL_SYSCOLUMN_SYNCTYPENUM_DEF	0
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**Validation(s) of "SYNCTYPENUM" Column**

Name	Type	Min	Max	Rule
TBL_SYSCOLUMN_S- YNCTYPENUM_CHK	TBL_SYSCOLUMN_S- YNCTYPENUM_CHK			SYNCTYPENUM IN (0, 1, 2, 3)

**Index(s) of "TBL\_SYSCOLUMN" Table**

Name	Type	Unique
TBL_SYSCOLUMN_PK	PK	Yes
TBL_SYSCOLUMN_AK1	AK1	Yes
TBL_SYSCOLUMN_AK2	AK2	Yes
TBL_SYSCOLUMN_IE1	IE1	No
TBL_SYSCOLUMN_IE2	IE2	No
TBL_SYSCOLUMN_IE3	IE3	No
TBL_SYSCOLUMN_IF50	IF50	No

**Member(s) of "TBL\_SYSCOLUMN\_PK" Index**

**Column**

**Name**

COLUMNID

**Member(s) of "TBL\_SYSCOLUMN\_AK1" Index**

**Column**

**Name**

TABLEID

**Column**

**Name**

COLUMNNAME

**Member(s) of "TBL\_SYSCOLUMN\_AK2" Index**

**Column**

**Name**

TABLEID

**Column**

**Name**

DISPLAYNAME

**Member(s) of "TBL\_SYSCOLUMN\_IE1" Index**

**Column**

**Name**

TYPENUM

**Member(s) of "TBL\_SYSCOLUMN\_IE2" Index**

**Column**

**Name**

ALIASNAME

**Member(s) of "TBL\_SYSCOLUMN\_IE3" Index**

**Column**

**Name**

REF\_REALCOLUMNID

**Column**

**Name**

TABLEID
---------

Column
Name
REF_TYPEID

<b>Member(s) of "TBL_SYSCOLUMN_IF50" Index</b>
--

Column
Name
DATATYPEID

Trigger(s) of "TBL_SYSCOLUMN" Table	
Name	Type
TBL_SYSCOLUMN_TRI1	INSERT
TBL_SYSCOLUMN_TRU1	UPDATE
TBL_SYSCOLUMN_TRD1	DELETE



**Table(s) of "TBL\_SYSVALUE" Picture Object**

<b>Name</b>	TBL_SYSVALUE
<b>Comment</b>	System metadata table containing pre-determined values for Lookups and Advanced Query, etc.

**Column(s) of "TBL\_SYSVALUE" Table**

Name	Datatype	Comment	Null Option	Is PK	Is FK
VALUEID	tinyint	PRIMARY KEY.	NOT NULL	Yes	No
NAME	nvarchar(32)	The logical displayed name to the User and application. An example of this would be 'Today'.	NULL	No	No
DESCRIPTION	nvarchar(128)	An optional narrative description of the record.	NULL	No	No
CREATEUSERID	uniqueidentifier		NOT NULL	No	No
CREATEDATE	datetime	Date and Time the record was last edited.	NOT NULL	No	No

**Index(s) of "TBL\_SYSVALUE" Table**

Name	Type	Unique
TBL_SYSVALUE_PK	PK	Yes
TBL_SYSVALUE_AK1	AK1	Yes

**Member(s) of "TBL\_SYSVALUE\_PK" Index****Column**

Name
VALUEID

**Member(s) of "TBL\_SYSVALUE\_AK1" Index****Column**

Name
NAME

Table(s) of "TBL_NOTE" Picture Object	
<b>Name</b>	TBL_NOTE
<b>Comment</b>	Contains the Note record which can be associated to one or more of any of the ACT! entities: Contact Group Company Opportunity The NoteText field is RTF-encoded by the Framework.

Column(s) of "TBL_NOTE" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
NOTEID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	No
ISPRIVATE	tinyint	Boolean. Specifies if the record is Public or Private. Values are: 0 = Public 1 = Private. If Private, only the Record Manager may view it. Only the Record Manager can change this value.	NOT NULL	No	No
NOTETEXT	nvarchar(max)	Optional large text field (i.e. memo) to contain the actual body of the Note. A RTF-formatted field value.	NULL	No	No
CREATEDATE	datetime	Date and Time the record was created. This value does not change; for conversion and import (from another ACT! database) this value will be the value of the source record.	NOT NULL	No	No
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.	NULL	No	No
EDITDATE	datetime	Date and Time the record was last edited.	NULL	No	No
DISPLAYDATE	smalldatetime	User Editable; Date and Time displayed for the record. Note: the ability for the User to edit/alter this datetime value * may* be dependent upon a Preference Allow History Editing in the application.	NOT NULL	No	No
NOTETYPEID	smallint	Foreign Key to TBL_NOTETYPE. Identifies the type of Note. *This is currently not an exposed/extensible feature of the application.	NOT NULL	No	Yes
ACCESSORID	uniqueidentifier		NULL	No	Yes

Validation(s) of "ISPRIVATE" Column				
Name	Type	Min	Max	Rule
TBL_NOTE_ISPRIVATE_CHK	TBL_NOTE_ISPRIVATE_CHK			ISPRIVATE IN (0, 1)

Index(s) of "TBL_NOTE" Table		
Name	Type	Unique

TBL_NOTE_PK	PK	Yes
TBL_NOTE_IE1	IE1	No
TBL_NOTE_IF4	IF4	No
TBL_NOTE_IF5	IF5	No
TBL_NOTE_IF6	IF6	No

**Member(s) of "TBL\_NOTE\_PK" Index**

<b>Column</b>
<b>Name</b>
NOTEID

<b>Physical Property(s) of "TBL_NOTE_PK" Index</b>
<b>FILLFACTOR</b>
75

**Member(s) of "TBL\_NOTE\_IE1" Index**

<b>Column</b>
<b>Name</b>
ISPRIVATE

<b>Column</b>
<b>Name</b>
DISPLAYDATE

<b>Physical Property(s) of "TBL_NOTE_IE1" Index</b>
<b>FILLFACTOR</b>
75

**Member(s) of "TBL\_NOTE\_IF4" Index**

<b>Column</b>
<b>Name</b>
NOTETYPEID

<b>Physical Property(s) of "TBL_NOTE_IF4" Index</b>
<b>FILLFACTOR</b>
75

**Member(s) of "TBL\_NOTE\_IF5" Index**

<b>Column</b>
<b>Name</b>
ACCESSORID

**Member(s) of "TBL\_NOTE\_IF6" Index**

<b>Column</b>
<b>Name</b>
ACCESSORID

Table(s) of "TBL_HISTORY" Picture Object	
<b>Name</b>	TBL_HISTORY
<b>Comment</b>	Contains the History record which can be associated to any combination of: Contact Group Company Opportunity The Details field is RTF-encoded by the Framework.

Column(s) of "TBL_HISTORY" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
HISTORYID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	No
DETAILS	nvarchar(max)	A full, RTF-formatted, textual description of the history event.	NULL	No	No
ISPRIVATE	tinyint	TINYINT. Specifies if the record is Public or Private. Values are: 0 = Public 1 = Private. If Private, only the Record Manager may view it.	NOT NULL	No	No
CREATEDATE	datetime	Date and Time the record was created. This value does not change; for conversion and import (from another ACT! database) this value will be the value of the source record.	NOT NULL	No	No
ENDTIME	smalldatetime	If applicable, event Ending Date and Time displayed to the User. When the History is a result of a Cleared Activity, that Activity's ENDTIME is put in this value.  This field is used in the DURATION field calculation.	NOT NULL	No	No
DURATION	int	CALCULATED COLUMN. Formula: DATEDIFF(MINUTE, STARTTIME, ENDTIME)  This value is the number of minutes between the STARTTIME and ENDTIME.	NOT NULL	No	No
STARTTIME	smalldatetime	Date and Time the displayed to the User. This value represents the date and time when the History record occurred. By default, it is system-generated but can be edited by the User if the Edit History feature is enabled in Define Fields.  When the History is a result of a Cleared Activity, that Activity's STARTTIME is put in this value.  This field is used in the DURATION	NOT NULL	No	No

		field calculation.			
REGARDING	nvarchar(256)	The subject description of the History record. If created from a Cleared Activity, it is the Regarding of that Activity.	NULL	No	No
EDITDATE	datetime	Date and Time the record was last edited.	NULL	No	No
HISTORYTYPEID	smallint	Foreign Key to TBL_HISTORYTYPE. Identifies the User-specified type of History record (also referred to as the Result Type) such as Call Completed, etc.	NOT NULL	No	Yes
ACCESSOR_ACTIVITY_CLEAREDID	uniqueidentifier	Optional Foreign Key to TBL_ACCESSOR_ACTIVITY_CLEARED. Populated when the record is the direct result of clearing an Activity.	NULL	No	Yes
ACCESSORID	uniqueidentifier		NOT NULL	No	Yes

#### Validation(s) of "ISPRIVATE" Column

Name	Type	Min	Max	Rule
TBL_HISTORY_ISPRIVATE_CHK	TBL_HISTORY_ISPRIVATE_CHK			ISPRIVATE IN (0, 1)

#### Index(s) of "TBL\_HISTORY" Table

Name	Type	Unique
TBL_HISTORY_PK	PK	Yes
TBL_HISTORY_IE1	IE1	No
TBL_HISTORY_IE2	IE2	No
TBL_HISTORY_IF4	IF4	No
TBL_HISTORY_IF9	IF9	No
TBL_HISTORY_IF10	IF10	No
TBL_HISTORY_IF11	IF11	No
TBL_HISTORY_IF12	IF12	No

#### Member(s) of "TBL\_HISTORY\_PK" Index

##### Column

Name
HISTORYID

#### Physical Property(s) of "TBL\_HISTORY\_PK" Index

FILLFACTOR
75

#### Member(s) of "TBL\_HISTORY\_IE1" Index

##### Column

Name
STARTTIME

##### Column

Name
ENDTIME

#### Physical Property(s) of "TBL\_HISTORY\_IE1" Index

FILLFACTOR
75

#### Member(s) of "TBL\_HISTORY\_IE2" Index

<b>Column</b>
<b>Name</b>
ISPRIVATE

<b>Column</b>
<b>Name</b>
HISTORYTYPEID

<b>Column</b>
<b>Name</b>
STARTTIME

<b>Physical Property(s) of "TBL_HISTORY_IE2" Index</b>
<b>FILLFACTOR</b>
75

<b>Member(s) of "TBL_HISTORY_IF4" Index</b>
---

<b>Column</b>
<b>Name</b>
HISTORYTYPEID

<b>Physical Property(s) of "TBL_HISTORY_IF4" Index</b>
<b>FILLFACTOR</b>
75

<b>Member(s) of "TBL_HISTORY_IF9" Index</b>
---

<b>Column</b>
<b>Name</b>
ACCESSOR_ACTIVITY_CLEAREDID

<b>Member(s) of "TBL_HISTORY_IF10" Index</b>
--

<b>Column</b>
<b>Name</b>
ACCESSORID

<b>Member(s) of "TBL_HISTORY_IF11" Index</b>
--

<b>Column</b>
<b>Name</b>
ACCESSORID

<b>Member(s) of "TBL_HISTORY_IF12" Index</b>
--

<b>Column</b>
<b>Name</b>
ACCESSORID

**Table(s) of "TBL\_GROUP\_CONTACT" Picture Object**

<b>Name</b>	TBL_GROUP_CONTACT
<b>Comment</b>	An associative table relating one or more GROUP records with one or more CONTACT records. These records represent static Contacts for a Group.

**Column(s) of "TBL\_GROUP\_CONTACT" Table**

Name	Datatype	Comment	Null Option	Is PK	Is FK
GROUPID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Group record.	NOT NULL	Yes	Yes
CONTACTID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Contact record.	NOT NULL	Yes	Yes

**Index(s) of "TBL\_GROUP\_CONTACT" Table**

Name	Type	Unique
TBL_GROUP_CONTACT_PK	PK	Yes

**Member(s) of "TBL\_GROUP\_CONTACT\_PK" Index**

**Column**

Name
GROUPID

**Column**

Name
CONTACTID

**Physical Property(s) of "TBL\_GROUP\_CONTACT\_PK" Index**

FILLFACTOR
75

Table(s) of "TBL_GROUP_HISTORY" Picture Object	
<b>Name</b>	TBL_GROUP_HISTORY
<b>Comment</b>	An associative table relating one or more GROUP records with one or more HISTORY records.

Column(s) of "TBL_GROUP_HISTORY" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
GROUPID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Group record	NOT NULL	Yes	Yes
HISTORYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the History record	NOT NULL	Yes	Yes

Index(s) of "TBL_GROUP_HISTORY" Table		
Name	Type	Unique
TBL_GROUP_HISTORY_PK	PK	Yes
TBL_GROUP_HISTORY_IF2	IF2	No

**Member(s) of "TBL\_GROUP\_HISTORY\_PK" Index**

Column
Name
GROUPID

Column
Name
HISTORYID

Physical Property(s) of "TBL_GROUP_HISTORY_PK" Index
FILLFACTOR
75

**Member(s) of "TBL\_GROUP\_HISTORY\_IF2" Index**

Column
Name
HISTORYID

Physical Property(s) of "TBL_GROUP_HISTORY_IF2" Index
FILLFACTOR
75



Table(s) of "TBL_GROUP_NOTE" Picture Object	
<b>Name</b>	TBL_GROUP_NOTE
<b>Comment</b>	An associative table relating one or more GROUP records with one or more NOTE records.

Column(s) of "TBL_GROUP_NOTE" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
GROUPID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Group record	NOT NULL	Yes	Yes
NOTEID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Note record	NOT NULL	Yes	Yes

Index(s) of "TBL_GROUP_NOTE" Table		
Name	Type	Unique
TBL_GROUP_NOTE_PK	PK	Yes
TBL_GROUP_NOTE_IF2	IF2	No

**Member(s) of "TBL\_GROUP\_NOTE\_PK" Index**

Column
Name
GROUPID

Column
Name
NOTEID

Physical Property(s) of "TBL_GROUP_NOTE_PK" Index
FILLFACTOR
75

**Member(s) of "TBL\_GROUP\_NOTE\_IF2" Index**

Column
Name
NOTEID

Physical Property(s) of "TBL_GROUP_NOTE_IF2" Index
FILLFACTOR
75

Table(s) of "TBL_ACTIVITY" Picture Object	
<b>Name</b>	TBL_ACTIVITY
<b>Comment</b>	<p>Core/Primary table for Activities. Contains the base fields for an Activity whether Recurring or Non-Recurring as well as "Global Events" (Holidays, etc.). Contains primary/core attributes such as Regarding, Details, Start and End time, Timezone and Recurrence patterns as applicable. Supported by these tables to fully materialize Activities:            TBL_ACCESSOR_ACTIVITY            TBL_ACCESSOR_ACTIVITY_CLEARED            TBL_CONTACT_ACTIVITY</p> <p>Examples for MASTERACTIVITYID and PARENTACTIVITYID assume the changes to the Activity are reflected in chronological order from top to bottom:            ACTIVITYID           MASTERACTIVITYID            A1                    A1            A2                    A1            A3                    A1            A4                    A1            PARENTACTIVITYID REGARDING            NULL                Original Activity            A1                    First Change            A2                    Second Change            A3                    Third Change</p>

Column(s) of "TBL_ACTIVITY" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
ACTIVITYID	uniqueidentifier	Primary Key.	NOT NULL	Yes	No
RECURSOURCEACTIVITYID	uniqueidentifier	Optional FOREIGN KEY - self referencing to TBL_ACTIVITY.ACTIVITYID. When an update is applied only to a single instance of a Recurring Activity, we create a deletion exception on that Activity for the date of the change, and create a new Activity for that date and time that reflects the single instance changes. The new Activity has its RecurSourceActivityId set to ActivityId of the Activity upon which it is based (the recurring Activity that was updated).	NULL	No	Yes
PARENTACTIVITYID	uniqueidentifier	Optional FOREIGN KEY - self referencing to TBL_ACTIVITY.ACTIVITYID. The Activityid of the original Activity when inserted. ParentActivityId can be NULL	NULL	No	Yes
ISPRIVATE	tinyint	Specifies if the Activity is Public or Private. Values are: 0 = Public 1 = Private. If Private, only the following Users may view it: a. the Activity's Organizer b. any other attendee (User) participant  Reference the Security Spec for details.	NOT NULL	No	No

LOCATION	nvarchar(128)	A free-form Text field to note any location information for the Activity. Intended behavior is that any/all RESOURCE records that are selected for the Activity are pushed into this string field. This value can be overwritten.	NULL	No	No
REGARDING	nvarchar(256)	The subject of the Activity record.	NULL	No	No
EXTERNALID	varchar(1024)	Field for records imported from (or exported to) Outlook or other external sources/ systems.	NULL	No	No
STARTTIME	smalldatetime	The Date and Time the Activity is scheduled to start.	NOT NULL	No	No
ENDTIME	smalldatetime	The Date and Time the Activity is scheduled to end.	NOT NULL	No	No
DURATION	int	A CALCULATED COLUMN. Formula: DATEDIFF(MINUTE, STARTTIME, ENDTIME)  This value is the number of minutes between the STARTTIME and ENDTIME.	NOT NULL	No	No
ORIGINTIME	smalldatetime	The DateTime value from the STARTTIME field when the Activity was first created. This is used to assist in Rollovers and reconciling cleared and other exceptions in Recurring Activities, etc.	NOT NULL	No	No
RECURFREQ	tinyint	An Optional enumeration field to support Recurring Activities; if field RECURPERIOD > 0, this field value will contain the value for how often for each Period the Activity is to recur. Valid values are integers of 1 or greater. For example, every 1 Week, every 6 Months...	NULL	No	No
CREATEDATE	datetime	Date and Time the record was created.	NOT NULL	No	No
RECURPERIOD	tinyint	A Mandatory enumeration field; Used to determine if the Activity record is Recurring, and if so, the unit for which the recurrence occurs. Valid values: 0 = Single Occurance (Not Recurring) 1 = Daily 2 = Weekly 3 = Monthly 4 = Yearly All NON-	NOT NULL	No	No

		RECURRING Activity records will have a value of 0 (zero) for this field.			
ISTIMELESS	bit	Timeless status for the start time of the Activity. Values are: 0 = Not timeless 1 = Timeless	NOT NULL	No	No
RECURMODIFIER	tinyint	An Optional enumeration field to support Recurring Activities; if field RECURPERIOD > 0, this field value will contain the qualifier for the 'day value' which could be a: Numbered Day (integer value 1-31) Named Day (Sunday-Saturday) Typed Day (Day, Weekday, Weekend Day)  Valid values: 0 = Only 1 = First 2 = Second 3 = Third 4 = Fourth 5 = Last	NULL	No	No
EDITDATE	datetime	Date and Time the record was last edited - either directly or indirectly via the creation or edit of an associated record	NULL	No	No
RECURDAY	tinyint	An Optional enumeration field to support Recurring Activities; if field RECURPERIOD > 0, this field value will contain ONE OF THE THREE possible Day Values below:  Numbered Day: integer value 1-31  Named Day: 1 = Sunday 2 = Monday 4 = Tuesday 8 = Wednesday 16 = Thursday 32 = Friday 64 = Saturday  Typed Day: 1 = Day 2 = Weekday 3 = Weekend Day  0 = N/A	NULL	No	No

RECURENDDATE	datetime	Datetime field to identify the date through which the Activity, either Recurring or non-Recurring, is to occur (an inclusive value). A value of 01/31/2079 on a Recurring Activity record indicates a "no end date" item. Rules for this field: 1. If non-recurring, RECURENDDATE is equal to ENDTIME. 2. If recurring and ISREQUIRENDDATE is true, RECURENDDATE is set to max (smalldatetime). 3. If recurring and not ISREQUIRENDDATE, RECURENDDATE is set to the user-specified date.	NOT NULL	No	No
ACTIVITYSERIE-SAPPLIEDID	uniqueidentifier	A FOREIGN KEY to the ACTIVITYSERIE-SAPPLIED table. If NULL, the ACTIVITY record was not generated from an Activity Series.	NULL	No	Yes
RECURDAYTYPE	tinyint	An Optional enumeration field to support Recurring Activities; if field RECURPERIOD > 0, this field value will contain a modifier/qualifier value for RECURDAY. Valid values: 0 = N/A 1 = Numbered Day (1-31) 2 = Named Day (Sunday-Saturday) 3 = Typed Day (Day, Weekday, Weekend)	NULL	No	No
DETAILS	nvarchar(max)	Details contains the full details/narrative associated with the Activity.	NULL	No	No
ISREQUIRENDDATE	bit	A BOOLEAN. For a Recurring Activity, identifies if the value in RECURENDDATE represents a 'No Ending Date' value (never-ending). Values: 0 = Recurrence is not Endless 1 = Recurrence is Endless	NOT NULL	No	No

RECURMONTH	tinyint	An Optional enumeration field to support Recurring Activities; if field RECURPERIOD = 4 (YEARLY), this field value will contain the value for the month in which the annually-recurring Activity occurs. Value represents the month such as: 0 = N/A 1 = January 12 = December	NULL	No	No
MASTERACTIVITYID	uniqueidentifier	Mandatory FOREIGN KEY - self referencing to TBL_ACTIVITY.ACTIVITYID. The activityid of the original Activity when inserted. MasterActivityId can NEVER be NULL. The original Activity record is defined as the record for which the ActivityId and MasterActivityId are the same.	NOT NULL	No	Yes
ACTIVITYTYPEID	smallint	FOREIGN KEY to TBL_ACTIVITYTYPE. Specifies the type of Activity such as Call, Meeting, ToDo or a custom type.	NOT NULL	No	Yes
ISEVENT	bit	BOOLEAN. Identifies whether the Activity represents a global Calendar Event. On such an Event, the system Everyone Team is the Organizer and the only association in ACCESSOR_ACTIVITY. Valid values are: 0 = Not a Event 1 = Is an Event	NOT NULL	No	No
ISDELETED	bit	BOOLEAN. System field primarily for Sync. Indicates if the future occurrences of the Activity have been deleted. Used so that each of the individual OCCUR records do not have to be deleted individually - rather, can be performed in batch. Valid values: 0 - Future Occurrences Not Deleted 1 - Future Occurrences Deleted	NOT NULL	No	No

SOURCENUM	tinyint	System Enumeration field. Indicates the origination source of the Activity record. Used in conjunction with EXTERNALID. Valid values: 0 = ACT! 1 = Outlook Appointment Sync 2 = Outlook Task Sync 3 = Outlook Appointment Imported 4 = Outlook Task Imported	NOT NULL	No	No
DELETED_DATES	nvarchar(max)	A denormalized, System field. A string containing zero-one-or-more dates for which the Activity has been deleted (in the case of Recurring).	NULL	No	No
TZ_DAYLIGHT_BIAS	smallint	Timezone information field.	NOT NULL	No	No
TZ_STANDARD_BIAS	smallint	Timezone information field.	NOT NULL	No	No
TZ_BIAS	smallint	The number of minutes of the UTC offset (i.e. AZ is UTC +7 hours, or 420 minutes) for the Activity when it was created or last edited...where the edit affected the scheduled time	NOT NULL	No	No
TZ_DAYLIGHT_DOW	tinyint	Timezone information field.	NOT NULL	No	No
TZ_DAYLIGHT_DAY	tinyint	Timezone information field.	NOT NULL	No	No
TZ_DAYLIGHT_HOUR	tinyint	Timezone information field.	NOT NULL	No	No
TZ_DAYLIGHT_MINUTE	tinyint	Timezone information field.	NOT NULL	No	No
TZ_DAYLIGHT_MONTH	tinyint	Timezone information field.	NOT NULL	No	No
TZ_STANDARD_DOW	tinyint	Timezone information field.	NOT NULL	No	No
TZ_STANDARD_DAY	tinyint	Timezone information field.	NOT NULL	No	No
TZ_STANDARD_HOUR	tinyint	Timezone information field.	NOT NULL	No	No
TZ_STANDARD_MINUTE	tinyint	Timezone information field.	NOT NULL	No	No
TZ_STANDARD_MONTH	tinyint	Timezone information field.	NOT NULL	No	No
ISINVITATIONSENT	bit	Indicates whether the user chose to send an invitation for an activity.	NOT NULL	No	No
WF_CONTEXTID	uniqueidentifier	For workflow tracking	NULL	No	No
WF_INSTANCEID	uniqueidentifier	For Workflow tracking	NULL	No	No
ACCESSORID	uniqueidentifier		NULL	No	Yes

#### Validation(s) of "ISPRIVATE" Column

Name	Type	Min	Max	Rule
TBL_ACTIVITY_ISPRIVATE_CHK	TBL_ACTIVITY_ISPRIVATE_CHK			ISPRIVATE IN (0, 1)

#### Validation(s) of "RECURPERIOD" Column

Name	Type	Min	Max	Rule
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TBL_ACTIVITY_REC- URPERIOD_CHK	TBL_ACTIVITY_REC- URPERIOD_CHK	0	4	RECURPERIOD BETWEEN 0 AND 4
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**Validation(s) of "RECURMODIFIER" Column**

Name	Type	Min	Max	Rule
TBL_ACTIVITY_REC- URMODIFIER_CHK	TBL_ACTIVITY_REC- URMODIFIER_CHK			RECURMODIFIER IN (0, 1, 2, 3, 4, 5)

**Validation(s) of "RECURDAYTYPE" Column**

Name	Type	Min	Max	Rule
TBL_ACTIVITY_REC- URDAYTYPE_CHK	TBL_ACTIVITY_REC- URDAYTYPE_CHK			RECURDAYTYPE IN (0, 1, 2, 3)

**Validation(s) of "RECURMONTH" Column**

Name	Type	Min	Max	Rule
TBL_ACTIVITY_REC- URMONTH_CHK	TBL_ACTIVITY_REC- URMONTH_CHK	0	12	RECURMONTH BETWEEN 0 AND 12

**Default(s) of "ISEVENT" Column**

Name	Default
TBL_ACTIVITY_ISEVENT_DEF	0

**Default(s) of "ISDELETED" Column**

Name	Default
TBL_ACTIVITY_ISDELETED_DEF	0

**Default(s) of "SOURCENUM" Column**

Name	Default
TBL_ACTIVITY_SOURCENUM_DEF	0

**Validation(s) of "SOURCENUM" Column**

Name	Type	Min	Max	Rule
TBL_ACTIVITY_SOU- RCENUM_CHK	TBL_ACTIVITY_SOU- RCENUM_CHK			SOURCENUM IN (0, 1, 2, 3, 4, 6)

**Default(s) of "TZ\_DAYLIGHT\_BIAS" Column**

Name	Default
TBL_ACTIVITY_TZ_DAYLIGHT_BIAS_DEF	0

**Default(s) of "TZ\_STANDARD\_BIAS" Column**

Name	Default
TBL_ACTIVITY_TZ_STANDARD_BIAS_DEF	0

**Default(s) of "TZ\_BIAS" Column**

Name	Default
TBL_ACTIVITY_TZ_BIAS_DEF	420

**Default(s) of "TZ\_DAYLIGHT\_DOW" Column**

Name	Default
TBL_ACTIVITY_TZ_DAYLIGHT_DOW_DEF	0

**Default(s) of "TZ\_DAYLIGHT\_DAY" Column**

Name	Default
TBL_ACTIVITY_TZ_DAYLIGHT_DAY_DEF	0

**Default(s) of "TZ\_DAYLIGHT\_HOUR" Column**

Name	Default
TBL_ACTIVITY_TZ_DAYLIGHT_HOUR_DEF	0

**Default(s) of "TZ\_DAYLIGHT\_MINUTE" Column**

Name	Default
TBL_ACTIVITY_TZ_DAYLIGHT_MINUTE_DEF	0

**Default(s) of "TZ\_DAYLIGHT\_MONTH" Column**

Name	Default



TBL_ACTIVITY_TZ_DAYLIGHT_MONTH_DEF	0
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**Default(s) of "TZ\_STANDARD\_DOW" Column**

Name	Default
TBL_ACTIVITY_TZ_STANDARD_DOW_DEF	0

**Default(s) of "TZ\_STANDARD\_DAY" Column**

Name	Default
TBL_ACTIVITY_TZ_STANDARD_DAY_DEF	0

**Default(s) of "TZ\_STANDARD\_HOUR" Column**

Name	Default
TBL_ACTIVITY_TZ_STANDARD_HOUR_DEF	0

**Default(s) of "TZ\_STANDARD\_MINUTE" Column**

Name	Default
TBL_ACTIVITY_TZ_STANDARD_MINUTE_DEF	0

**Default(s) of "TZ\_STANDARD\_MONTH" Column**

Name	Default
TBL_ACTIVITY_TZ_STANDARD_MONTH_DEF	0

**Default(s) of "ISINVITATIONSENT" Column**

Name	Default
TBL_ACTIVITY_ISINVITATIONSENT_DEF	0

**Index(s) of "TBL\_ACTIVITY" Table**

Name	Type	Unique
TBL_ACTIVITY_PK	PK	Yes
TBL_ACTIVITY_IE3	IE3	No
TBL_ACTIVITY_IE4	IE4	No
TBL_ACTIVITY_IF121	IF121	No
TBL_ACTIVITY_IF251	IF251	No
TBL_ACTIVITY_IF252	IF252	No
TBL_ACTIVITY_IF253	IF253	No
TBL_ACTIVITY_IF254	IF254	No
TBL_ACTIVITY_IF255	IF255	No
TBL_ACTIVITY_IF256	IF256	No

**Member(s) of "TBL\_ACTIVITY\_PK" Index**

**Column**

Name
ACTIVITYID

**Physical Property(s) of "TBL\_ACTIVITY\_PK" Index**

FILLFACTOR
75

**Member(s) of "TBL\_ACTIVITY\_IE3" Index**

**Column**

Name
CREATEDATE

**Column**

Name
EDITDATE

**Column**

Name
SOURCENUM

**Physical Property(s) of "TBL\_ACTIVITY\_IE3" Index**

FILLFACTOR
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75
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<b>Member(s) of "TBL_ACTIVITY_IE4" Index</b>
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<b>Column</b>
---------------

<b>Name</b>
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STARTTIME
-----------

<b>Column</b>
---------------

<b>Name</b>
-------------

RECURENDDATE
--------------

<b>Column</b>
---------------

<b>Name</b>
-------------

ISPRIVATE
-----------

<b>Column</b>
---------------

<b>Name</b>
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SOURCENUM
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<b>Column</b>
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<b>Name</b>
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ACTIVITYID
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<b>Physical Property(s) of "TBL_ACTIVITY_IE4" Index</b>
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<b>FILLFACTOR</b>
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75
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<b>Member(s) of "TBL_ACTIVITY_IF121" Index</b>
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<b>Column</b>
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<b>Name</b>
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MASTERACTIVITYID
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<b>Physical Property(s) of "TBL_ACTIVITY_IF121" Index</b>
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<b>FILLFACTOR</b>
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75
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<b>Member(s) of "TBL_ACTIVITY_IF251" Index</b>
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<b>Column</b>
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<b>Name</b>
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ACTIVITYSERIESAPPLIEDID
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<b>Physical Property(s) of "TBL_ACTIVITY_IF251" Index</b>
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<b>FILLFACTOR</b>
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75
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<b>Member(s) of "TBL_ACTIVITY_IF252" Index</b>
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<b>Column</b>
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<b>Name</b>
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PARENTACTIVITYID
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<b>Member(s) of "TBL_ACTIVITY_IF253" Index</b>
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<b>Column</b>
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<b>Name</b>
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RECURSOURCEACTIVITYID
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<b>Member(s) of "TBL_ACTIVITY_IF254" Index</b>
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<b>Column</b>
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<b>Name</b>
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ACCESSORID
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<b>Member(s) of "TBL_ACTIVITY_IF255" Index</b>
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<b>Column</b>
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<b>Name</b>
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ACCESSORID
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<b>Member(s) of "TBL_ACTIVITY_IF256" Index</b>
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<b>Column</b>
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<b>Name</b>
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ACCESSORID
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<b>Trigger(s) of "TBL_ACTIVITY" Table</b>
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<b>Name</b>	<b>Type</b>
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TBL_ACTIVITY_TRIU1	INSERTUPDATE
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Table(s) of "TBL_GROUP_ACL" Picture Object	
<b>Name</b>	TBL_GROUP_ACL
<b>Comment</b>	Access Control List for Groups. This table contains the row-level security for the Group record (i.e. who can access).

Column(s) of "TBL_GROUP_ACL" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
GROUPID	uniqueidentifier	Primary Key.	NOT NULL	Yes	Yes
ROWSOURCE	char(1)	SYSTEM FIELD. Used to optimize Synchronization (if enabled). Identifies whether the record was inserted by: A - the Application T - a Trigger Trigger-inserted records are not Sync'd	NOT NULL	No	No
ACCESSORID	uniqueidentifier		NOT NULL	Yes	Yes

Default(s) of "ROWSOURCE" Column	
Name	Default
TBL_GROUP_ACL_ROWSOURCE_DEF	'A'

Validation(s) of "ROWSOURCE" Column				
Name	Type	Min	Max	Rule
TBL_GROUP_ACL_ROWSOURCE_CHK	TBL_GROUP_ACL_ROWSOURCE_CHK			ROWSOURCE IN ('A', 'T')

Index(s) of "TBL_GROUP_ACL" Table		
Name	Type	Unique
TBL_GROUP_ACL_PK	PK	Yes
TBL_GROUP_ACL_IF2	IF2	No

#### Member(s) of "TBL\_GROUP\_ACL\_PK" Index

Column
Name
GROUPID

Column
Name
ACCESSORID

#### Member(s) of "TBL\_GROUP\_ACL\_IF2" Index

Column
Name
ACCESSORID

Table(s) of "TBL_GROUP_OPPORTUNITY" Picture Object	
<b>Name</b>	TBL_GROUP_OPPORTUNITY
<b>Comment</b>	An associative table relating one or more GROUP records with one or more OPPORTUNITY records.

Column(s) of "TBL_GROUP_OPPORTUNITY" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
GROUPID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Group record	NOT NULL	Yes	Yes
OPPORTUNITYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Opportunity record.	NOT NULL	Yes	Yes
ISMEMBER	bit	BOOLEAN. Determines if the Opportunity is associated with the GROUP as a Member or just associated on the fly. Values: 0 = Not a Group Member 1 = Is a Group Member A Contact for which an Opportunity is a Member also appears in the Contact members list (on the fly).	NOT NULL	No	No

Default(s) of "ISMEMBER" Column	
Name	Default
TBL_GROUP_OPPORTUNITY_ISMEMBER_DEF	0

Index(s) of "TBL_GROUP_OPPORTUNITY" Table		
Name	Type	Unique
TBL_GROUP_OPPORTUNITY_PK	PK	Yes

**Member(s) of "TBL\_GROUP\_OPPORTUNITY\_PK" Index**

Column
Name
GROUPID

Column
Name
OPPORTUNITYID

Physical Property(s) of "TBL_GROUP_OPPORTUNITY_PK" Index
FILLFACTOR
75

**Table(s) of "TBL\_GROUP\_ACTIVITY" Picture Object**

<b>Name</b>	TBL_GROUP_ACTIVITY
<b>Comment</b>	An associative table relating one or more GROUP records with one or more ACTIVITY records.

**Column(s) of "TBL\_GROUP\_ACTIVITY" Table**

Name	Datatype	Comment	Null Option	Is PK	Is FK
GROUPID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Group record	NOT NULL	Yes	Yes
ACTIVITYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Activity record	NOT NULL	Yes	Yes

**Index(s) of "TBL\_GROUP\_ACTIVITY" Table**

Name	Type	Unique
TBL_GROUP_ACTIVITY_PK	PK	Yes
TBL_GROUP_ACTIVITY_IF2	IF2	No

**Member(s) of "TBL\_GROUP\_ACTIVITY\_PK" Index****Column**

Name
GROUPID

**Column**

Name
ACTIVITYID

**Physical Property(s) of "TBL\_GROUP\_ACTIVITY\_PK" Index**

FILLFACTOR
75

**Member(s) of "TBL\_GROUP\_ACTIVITY\_IF2" Index****Column**

Name
ACTIVITYID



**Table(s) of "TBL\_PICKLIST" Picture Object**

<b>Name</b>	TBL_PICKLIST
<b>Comment</b>	A characteristic/definition table. Records define both stock and user-defined Picklists which can be bound/associated to one or more columns. This table contains both system and user-defined records. It is comprised of one or more PicklistItem records. An example of a Picklist would be "States" or "Contact ID/Status".

**Column(s) of "TBL\_PICKLIST" Table**

<b>Name</b>	<b>Datatype</b>	<b>Comment</b>	<b>Null Option</b>	<b>Is PK</b>	<b>Is FK</b>
PICKLISTID	uniqueidentifier	Primary Key.	NOT NULL	Yes	No
ISCUSTOM	bit	Boolean datatype. False if a list that the base product ships with, True otherwise	NOT NULL	No	No
TYPENUM	tinyint	TINYINT enumeration. A Non-Bindable Type indicates that the Picklist cannot be bound to another column. A System Picklist is fixed. 0 = General Bindable, 1 = General Non-Bindable, 2 = System Non-Bindable, 3 = System Name, Parsing List (Prefix, Suffix, Compound) - Non-Bindable 4 = System Other - Non-Bindable. A General list is one that is not for any specific use. A General Bindable Picklist would be able to be bound/ associated to another column (shared).	NOT NULL	No	No
ISEDITLIST	bit	Boolean. This field is paired in logic with ISAUTOINSERT. Values: 1 = a. The list items (PICKLISTITEMS) can be edited (INSERT or UPDATE) by all Users. b. ISAUTOINSERT could be True OR False.  0 = a. Users cannot INSERT or UPDATE to the list items (PICKLISTITEMS). b. ISAUTOINSERT cannot be True.	NOT NULL	No	No



ISAUTOINSERT	bit	Boolean. This field is paired in logic with ISEDITLIST. If ISEDITLIST is False, this field value CANNOT be True. 1 = Any non-matching values entered by the User will automatically be added to this list items (PICKLISTITEMS). 0 = Users cannot INSERT to the list items (PICKLISTITEMS).	NOT NULL	No	No
DATATYPEID	tinyint	Foreign Key to SYSDATATYPE. Identifies the ACT! datatype in the SYSDATATYPE table which the Administrator states to be the type of values that this list will contain. An example would be Character. The enforcement idea behind this is that only PICKLISTS and COLUMNS of the same type can be bound/associated.	NOT NULL	No	Yes
NAME	nvarchar(64)	UNIQUE value. The displayname of the List (i.e. Address Types).	NOT NULL	No	No
DESCRIPTION	nvarchar(128)	Optional narrative description of the record.	NULL	No	No
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.	NOT NULL	No	No
CREATEDATE	datetime	Date and Time the record was created.	NOT NULL	No	No
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.	NULL	No	No
EDITDATE	datetime	Date and Time the record was last edited.	NULL	No	No

Default(s) of "ISCUSTOM" Column	
Name	Default
TBL_PICKLIST_ISCUSTOM_DEF	1

Validation(s) of "TYPENUM" Column				
Name	Type	Min	Max	Rule
TBL_PICKLIST_TYPE- NUM_CHK	TBL_PICKLIST_TYPE- NUM_CHK			TYPENUM IN (0, 1, 2, 3, 4)

Index(s) of "TBL_PICKLIST" Table		
Name	Type	Unique
TBL_PICKLIST_PK	PK	Yes
TBL_PICKLIST_AK1	AK1	Yes

**Member(s) of "TBL\_PICKLIST\_PK" Index**

Column
Name

PICKLISTID
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<b>Physical Property(s) of "TBL_PICKLIST_PK" Index</b>
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<b>FILLFACTOR</b>
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75
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<b>Member(s) of "TBL_PICKLIST_AK1" Index</b>
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<b>Column</b>
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<b>Name</b>
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NAME
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<b>Physical Property(s) of "TBL_PICKLIST_AK1" Index</b>
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<b>FILLFACTOR</b>
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75
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<b>Trigger(s) of "TBL_PICKLIST" Table</b>
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<b>Name</b>
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TBL_PICKLIST_TRD1
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<b>Type</b>
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DELETE
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Table(s) of "TBL_PICKLISTITEM" Picture Object	
<b>Name</b>	TBL_PICKLISTITEM
<b>Comment</b>	A characteristic/definition table. Records define both stock and user-defined items for each Picklist. These records represent the actual list items for each established Picklist such as "States" or "Contact ID/Status".

Column(s) of "TBL_PICKLISTITEM" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
PICKLISTITEMID	uniqueidentifier	Primary Key.	NOT NULL	Yes	No
PICKLISTID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Picklist record	NOT NULL	No	Yes
NAME	nvarchar(442)	UNIQUE - case-sensitive. Mandatory value which serves as the displayed name of the list to the User.	NOT NULL	No	No
DESCRIPTION	nvarchar(128)	An optional narrative description for the record.	NULL	No	No
ISCUSTOM	bit	Boolean. Represents whether the record has been added by the User. Values: 0 = Not added by the User 1 = Added by the User	NOT NULL	No	No
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.	NOT NULL	No	No
CREATEDATE	datetime	Date and Time the record was created.	NOT NULL	No	No
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.	NULL	No	No
EDITDATE	datetime	Date and Time the record was last Edited.	NULL	No	No

Index(s) of "TBL_PICKLISTITEM" Table		
Name	Type	Unique
TBL_PICKLISTITEM_PK	PK	Yes
TBL_PICKLISTITEM_IE1	IE1	No

**Member(s) of "TBL\_PICKLISTITEM\_PK" Index**

Column
<b>Name</b>
PICKLISTITEMID

Physical Property(s) of "TBL_PICKLISTITEM_PK" Index
<b>FILLFACTOR</b>
75

**Member(s) of "TBL\_PICKLISTITEM\_IE1" Index**

Column
<b>Name</b>
PICKLISTID

Column
<b>Name</b>

NAME
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<b>Physical Property(s) of "TBL_PICKLISTITEM_IE1" Index</b>
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<b>FILLFACTOR</b>
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75
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<b>Trigger(s) of "TBL_PICKLISTITEM" Table</b>
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<b>Name</b>	<b>Type</b>
TBL_PICKLISTITEM_TRU1	UPDATE
TBL_PICKLISTITEM_TRD1	DELETE
TBL_PICKLISTITEM_TRI1	INSERT

Table(s) of "TBL_PICKLIST_SYSCOLUMN" Picture Object	
<b>Name</b>	TBL_PICKLIST_SYSCOLUMN
<b>Comment</b>	An association table used to identify Picklists (TBL_PICKLIST) bound to columns (TBL_SYSCOLUMN) in the database. A Picklist can be associated to more than one column, however, current implementation only supports one Picklist bound to a column. Other behavioral attributes reside on this association record as well, such as whether to allow multi-select, etc.

Column(s) of "TBL_PICKLIST_SYSCOLUMN" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
PICKLISTID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Picklist record	NOT NULL	Yes	Yes
COLUMNID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Columns record	NOT NULL	Yes	Yes
ISLIMITTOLIST	bit	BOOLEAN. Determines whether the bound column allows values other than those in the associated Picklist. Values: 0 - Values other than the Picklist Items are allowed in the column 1 - Only values in the Picklist Items are allowed in the column	NOT NULL	No	No
ISMULTISELECT	bit	BOOLEAN. Determines whether the bound column allows the selection of more than one value (multiple) in the column. If True/Yes, the values are delimited by a designated character such as a semi-colon or pipe. Values: 0 - Do not allow multiple values in the column 1 - Allow multiple values in the column	NOT NULL	No	No
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.	NOT NULL	No	No
CREATEDATE	datetime	Date and Time the record was created.	NOT NULL	No	No
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.	NULL	No	No
EDITDATE	datetime	Date and Time the record was last edited.	NULL	No	No
ISSHOWDESC	bit	BOOLEAN. Determines whether the DESCRIPTION for the Picklist Item is shown upon dropdown. Values: 0 - Do not show Description in dropdown 1 - Show Description in dropdown	NOT NULL	No	No

ISTYPEAHEAD	bit	BOOLEAN. This field will enable/disable type-ahead support on a list binding. Values: 0 - No type-ahead 1 - Type-ahead	NOT NULL	No	No
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**Default(s) of "ISTYPEAHEAD" Column**

Name	Default
TBL_PICKLIST_SYSCOLUMN_ISTYPEAHEAD_DEF	0

**Index(s) of "TBL\_PICKLIST\_SYSCOLUMN" Table**

Name	Type	Unique
TBL_PICKLIST_SYSCOLUMN_PK	PK	Yes

**Member(s) of "TBL\_PICKLIST\_SYSCOLUMN\_PK" Index**

**Column**

Name
PICKLISTID

**Column**

Name
COLUMNID

**Trigger(s) of "TBL\_PICKLIST\_SYSCOLUMN" Table**

Name	Type
TBL_PICKLIST_SYSCOLUMN_TRI1	INSERT
TBL_PICKLIST_SYSCOLUMN_TRU1	UPDATE

Table(s) of "TBL_SYSCOLUMN" Picture Object	
<b>Name</b>	TBL_SYSCOLUMN
<b>Comment</b>	System metadata table. Contains an entry for each field/column in the database. Provides the logical to physical mapping/translation between the application and the RDBMS.

Column(s) of "TBL_SYSCOLUMN" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
COLUMNID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	No
COLUMNNAME	nvarchar(64)	UNIQUE within table. The physical name of the column/field in the database. This is generally not exposed to the user, instead we generally show the DISPLAYNAME which is user-defineable and localizable.	NOT NULL	No	No
DISPLAYNAME	nvarchar(192)	UNIQUE within table. The user-defineable and localizable name of the column/field in the database. This is exposed to the user in the application. The COLUMNNAME represents the physical name of the column/field in the database.	NOT NULL	No	No
ISCUSTOM	bit	BOOLEAN. Represents whether the record has been added by the User. Values: 0 = Not added by the User 1 = Added by the User	NOT NULL	No	No
ISDISPLAYED	bit	BOOLEAN. A value utilized by the application for determining which columns to display to the User in dialogs such as drop-downs for Groups and Lookups. Values: 0 = Do not display 1 = Display A separate field, ISDEFINEFIELD, is used to identify records eligible to be exposed in the Define Fields module/dialog.	NOT NULL	No	No

ALIASNAME	nvarchar(64)	Optional. Introduced to support Custom Tables, a user-provided name (via the SDK) to specify for a column to use for binding on Layouts, Reports, etc. The value for ALIASNAME can either be NULL or not NULL. If not NULL, the value must be unique within its Entity to which it belongs across any/all tables which comprise that Entity (or Sub-Entity).  NOTE: this value is used as the Columnname for the OLE DB Reporting Provider v2.0.	NULL	No	No
ORDINAL	smallint	The column order within the table. For real/physical and Calculated columns (TYPENUM = 0, 4 respectively), this is the actual physical ordinal position/order of the field within the table. For Virtual (TYPENUM = 2) columns it is arbitrary.	NOT NULL	No	No
DATATYPEID	tinyint	<b>PRIMARY KEY.</b>	NOT NULL	No	Yes
ISNULLABLE	bit	BOOLEAN. Represents the physical NULLability of the field in the database. This is not to be confused with the ISALLOWBLANK attribute of this table which is exposed to the User to state the business rule of allowing a field to be left blank.	NOT NULL	No	No
ISPRIMARY	bit	BOOLEAN. Not to be confused with Primary Key. This determines if the user, via Define Fields, has identified the column as a Primary Field. During the Duplicate Record task, one of the options is to copy only Primary Fields - this field identifies those Primary Fields.	NOT NULL	No	No



ISTRACKED	bit	BOOLEAN. Set by the User in Define Fields, determines if a record is written to History when the value in the field changes. When the value is: 0 = Do not write History 1 = Write History record	NOT NULL	No	No
ISREMOVEABLE	bit	BOOLEAN. Probably not directly exposed to the user in Define Fields or elsewhere. Values: 0 = Column cannot be deleted/removed 1 = Column can be deleted/removed This is a system setting for shipped fields. This enforces core fields for a table as defined by Product Mgmt and/or Development. An example of a non-removeable field would be the LASTNAME in TBL_CONTACT.	NOT NULL	No	No
LENGTH	smallint	The physical length of the column. This does not necessarily represent the number of bytes which could be different.	NULL	No	No
DECIMALPRECISION	tinyint	The scale, number of digits supported to the right of the decimal.	NULL	No	No
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.	NOT NULL	No	No
CREATEDATE	datetime	Date and Time the record was created.	NOT NULL	No	No
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.	NULL	No	No
EDITDATE	datetime	Date and Time the record was last edited.	NULL	No	No
TABLEID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the TBL_SYSTABLE record	NOT NULL	No	Yes
TYPENUM	tinyint	ENUMERATOR. An internal-use numeric value representing the type of column. Values: 0 = Real 1 = Real Has Virtuals 2 = Typed Virtual 3 = Non-Typed Virtual 4 = Calculated 5 = Accessor Virtuals Virtual columns are a representation of the real fields in a	NOT NULL	No	No

		table materialized across a record discriminator, generally a TYPEID (of ActDatatype RECORDTYPE).			
REF_TYPEID	uniqueidentifier	FOREIGN KEY to PICKLISTITEM, support for Virtual Columns (TYPENUM=2). Contains the GUID value of the RECORDTYPE for the Virtual Column. This is a value to be used together with REF_TYPECOLUMN for queries. For example, a Virtual Column of 'WORK_CITY' would have a REF_TYPEID that would link to the PICKLISTITEM with a NAME value of 'Work'. Note that PICKLISTS are bound to COLUMNS via the PICKLIST_SYSCOLUMN associative table.	NULL	No	Yes
ALLOWDATATYPECHANGE	bit	BOOLEAN. Determines if the field datatype can be changed in Define Fields. Values: 0 - datatype cannot be changed 1 - datatype can be changed	NOT NULL	No	No
VALIDACCESSLEVELS	tinyint	BITWISE ENUMERATION. Determines the valid/allowable Access Levels for the column that can be set in Define Fields. This applies to both the Default Access as well as User and Team-specific Access.  LEGEND: (NA=NO ACCESS, RO=READ ONLY, RW=READ WRITE) 1 - NA 2 - RO 3 - NA,RO 4 - RW 5 - NA,RW 6 - RO,RW 7 - NA,RO,RW	NOT NULL	No	No

REF_TYPECOLUMN	nvarchar(64)	Support for Virtual Columns (TYPENUM=2,3,5). Contains the fully-qualified physical COLUMN-NAME of the RECORDTYPE field it represents, which should be the same value for all Virtual Columns in the same table. For example, a Virtual Column in the ADDRESS table would have a REF_TYPECOLUMN value of 'dbo.TBL_ADDRESS.TYPEID'	NULL	No	No
CALCDISPLAY	nvarchar(max)	Optional, contains the DISPLAYED source definition of a Calculated Field (TYPENUM=4). The format is TBD, but will need to reference columns by DISPLAYNAME to facilitate showing the column definition to the users.  Each COLUMN that participates in a Calculated Field is also stored in a child table SYSCALCOLUMN. This is for RI and other checks in case the user attempts to modify (via Define Fields or the SDK) any of the underlying base columns/fields.	NULL	No	No
REF_REALCOLUMN	nvarchar(64)	Support for Virtual Columns (TYPENUM=2,3,5). Contains the fully-qualified physical COLUMN-NAME of the field it represents. For example, a Virtual Column of WORK_CITY would have a REF_REALCOLUMN value of 'dbo.TBL_ADDRESS.CITY'	NULL	No	No
FIELDFORMAT	nvarchar(500)	Optional value set by the User in Define Fields, identifies any desired formatting/masking of values in the field. The mask can include literals to be included within the mask, as well. Valid Character Field Mask Symbols: # - Character must be numeric 0-9 @ - Character must be alphabetic % - Character can be either numeric or alphabetic	NULL	No	No

DEFAULTVALUE	nvarchar(500)	Optional value set by the User in Define Fields, determines if a record is to get a pre-determined value upon creation of a new record. Similar to a DEFAULT CONSTRAINT in a database.	NULL	No	No
ISPROTECTED	bit	* DEPRECATED IN 9.0 * BOOLEAN. Set by the User in Define Fields, determines if a the column allows entry. Values: 0 = No data entry 1 = Allow data entry This value must be loaded and respected by the Forms and Layouts of the application for enforcement. This field replaces the Entry Rules in previous versions of ACT! as the 'Only from drop-down' has moved to the PICKLIST_SYSCOLUMN relationship table.	NOT NULL	No	No
ISALLOWBLANK	bit	BOOLEAN. Set by the User in Define Fields, states a business rule whether or not the field can be left blank. Differs from ISNULLABLE which represents the physical NULLability of the field in the database.	NOT NULL	No	No
ISDEFINEFIELD	bit	BOOLEAN. Supports the Define Fields dialog/module. Values: 0 = Do not expose in Define Fields 1 = Show in Define Fields A separate field, ISDISPLAYED, is used to identify records eligible to be exposed in the other areas of the application outside of Define Fields.	NOT NULL	No	No
UPDATETYPE	tinyint	ENUMERATOR, internal-use only field. A system field used by the application framework and database triggers and procs to determine any underlying DDL actions to take. Used specifically in trigger TBL_SYSCOLUMN_TRU1. Valid values: 0 = Logical (no DDL required) 1 = Compatible (can perform ALTER TABLE) 2 = Unload (data scrubed before ALTER TABLE) 3 = Invalid (cannot be updated as	NULL	No	No

		requested)			
CALCDEFINITION	nvarchar(max)	Optional, contains the internal source definition of a Calculated Field (TYPENUM=4). The format is stored in a native format in that it is used as the unaltered source to perform the underlying DDL. It contains columns by COLUMNNAME.  Each COLUMN that participates in a Calculated Field is also stored in a child table SYSCALCOLUMN. This is for RI and other checks in case the user attempts to modify (via Define Fields or the SDK) any of the underlying base columns/fields.	NULL	No	No
EVENTONCHANGE	nvarchar(512)	Optional field; used to support ACT! Triggers. This value references the file for the Change Event which is exposed to the user as On Change.	NULL	No	No
EVENTONLOSTFOCUS	nvarchar(512)	Optional field; used to support ACT! Triggers. This value references the file for the LostFocus Event which is exposed to the user as On Exit.	NULL	No	No
EVENTONFOCUS	nvarchar(512)	Optional field; used to support ACT! Triggers. This value references the file for the OnFocus Event which is exposed to the user as On Enter.	NULL	No	No
REF_REALCOLUMNID	uniqueidentifier	FOREIGN KEY. This field is applicable only to Virtual Columns (TYPENUM=2,3,5). This foreign keys to the same table, the COLUMNID of the base (real) column that the virtual column is based upon.	NULL	No	Yes
REF_JOINCOLUMN	nvarchar(64)	Support for Virtual Columns (TYPENUM=2,3,5). Contains the fully-qualified name of the column on which to perform the JOIN. An example would be for an Accessor Virtual column: dbo.TBL_ACCESSOR.ACCESSORID The REF_TYPECOLUMN would join to this REF_JOINCOLUMN.	NULL	No	No

MIN_COLUMNLENGTH	smallint	Optional Field. Used to support the sacred fields in the base schema. If NOT NULL, this value represents the smallest/minimum size (length) that the column can be sized.	NULL	No	No
ISRESIZEABLE	bit	BOOLEAN. Identifies if a column can be resized in Define Fields. Some datatypes simply cannot be resized such as datetime fields. Others such as character can. This field is used in conjunction with MIN_COLUMNLENGTH to support and protect the sacred fields. Values: 0 = Column is not resizable 1 = Column is resizable	NOT NULL	No	No
RECORDIDENTIFIER	tinyint	Optional, treated as an ordinal/sequence. Used to set and identify the fields which the user wants as the Record Identifier for an Entity (or Sub-Entity). Introduced to support custom tables (Sub-Entities) and the Track Changes property.  In this event, the History Details will be associated to the Sub-Entities parent record association (s); the Details will include the values of the RECORDIDENTIFIER fields in their numerical order for context	NULL	No	No
DESCRIPTION	nvarchar(max)	An optional narrative description of the field.	NULL	No	No
OLEDBTYPENUM	tinyint	System enumeration. Determines if the column is used to generate the OLE/DB Reporting v1.0 Views (VRP_) and if so, if the OLEDBNAME field is to be updated when the DISPLAYNAME of the column is changed. Valid values: 0 = Not a Reporting column 1 = A non-Renamable Reporting column 2 = A Renamable Reporting column	NOT NULL	No	No

OLEDBNAME	nvarchar(96)	UNIQUE within the table. The user-definable (indirectly) and localizable name of the column/field in the database FOR THE EXTERNAL OLE/DB PROVIDER v1.0; This is exposed to the user only via the OLE/DB Provider v1.0. This field is initially set to the DISPLAYNAME of the column but may be changed as that field is renamed depending upon the OLEDBTYPENUM enum value.	NULL	No	No
SYNCTYPENUM	tinyint	System Enumeration Field. Identifies the how and if the column participates in Synchronization. Valid values include: 0 = Log, Sync 1 = Log, No Sync 2 = No Log, Sync 3 = No Log, No Sync	NOT NULL	No	No

Validation(s) of "TYPENUM" Column				
Name	Type	Min	Max	Rule
TBL_SYSCOLUMN_TYPENUM_CHK	TBL_SYSCOLUMN_TYPENUM_CHK			TYPENUM IN (0, 1, 2, 3, 4, 5)

Default(s) of "ALLOWDATATYPECHANGE" Column	
Name	Default
TBL_SYSCOLUMN_ALLOWDATATYPECHANGE_DEF	1

Default(s) of "VALIDACCESSLEVELS" Column	
Name	Default
TBL_SYSCOLUMN_VALIDACCESSLEVELS_DEF	7

Validation(s) of "VALIDACCESSLEVELS" Column				
Name	Type	Min	Max	Rule
TBL_SYSCOLUMN_VALIDACCESSLEVELS_CHK	TBL_SYSCOLUMN_VALIDACCESSLEVELS_CHK	1	7	VALIDACCESSLEVELS IN (1, 2, 3, 4, 5, 6, 7)

Validation(s) of "UPDATETYPE" Column				
Name	Type	Min	Max	Rule
TBL_SYSCOLUMN_UPDATETYPE_CHK	TBL_SYSCOLUMN_UPDATETYPE_CHK			UPDATETYPE IN (0, 1, 2, 3)

Default(s) of "ISRESIZEABLE" Column	
Name	Default
TBL_SYSCOLUMN_ISRESIZEABLE_DEF	0

Validation(s) of "RECORDIDENTIFIER" Column				
Name	Type	Min	Max	Rule
TBL_SYSCOLUMN_RECORDIDENTIFIER_CHK	TBL_SYSCOLUMN_RECORDIDENTIFIER_CHK	1	3	RECORDIDENTIFIER BETWEEN 1 AND 3

Default(s) of "OLEDBTYPENUM" Column	
Name	Default
TBL_SYSCOLUMN_OLEDBTYPENUM_DEF	0

Default(s) of "SYNCTYPENUM" Column	
Name	Default

TBL_SYSCOLUMN_SYNCTYPENUM_DEF	0
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**Validation(s) of "SYNCTYPENUM" Column**

Name	Type	Min	Max	Rule
TBL_SYSCOLUMN_S- YNCTYPENUM_CHK	TBL_SYSCOLUMN_S- YNCTYPENUM_CHK			SYNCTYPENUM IN (0, 1, 2, 3)

**Index(s) of "TBL\_SYSCOLUMN" Table**

Name	Type	Unique
TBL_SYSCOLUMN_PK	PK	Yes
TBL_SYSCOLUMN_AK1	AK1	Yes
TBL_SYSCOLUMN_AK2	AK2	Yes
TBL_SYSCOLUMN_IE1	IE1	No
TBL_SYSCOLUMN_IE2	IE2	No
TBL_SYSCOLUMN_IE3	IE3	No
TBL_SYSCOLUMN_IF50	IF50	No

**Member(s) of "TBL\_SYSCOLUMN\_PK" Index**

**Column**

**Name**

COLUMNID

**Member(s) of "TBL\_SYSCOLUMN\_AK1" Index**

**Column**

**Name**

TABLEID

**Column**

**Name**

COLUMNNAME

**Member(s) of "TBL\_SYSCOLUMN\_AK2" Index**

**Column**

**Name**

TABLEID

**Column**

**Name**

DISPLAYNAME

**Member(s) of "TBL\_SYSCOLUMN\_IE1" Index**

**Column**

**Name**

TYPENUM

**Member(s) of "TBL\_SYSCOLUMN\_IE2" Index**

**Column**

**Name**

ALIASNAME

**Member(s) of "TBL\_SYSCOLUMN\_IE3" Index**

**Column**

**Name**

REF\_REALCOLUMNID

**Column**

**Name**



TABLEID
---------

Column
Name
REF_TYPEID

**Member(s) of "TBL\_SYSCOLUMN\_IF50" Index**

Column
Name
DATATYPEID

Trigger(s) of "TBL_SYSCOLUMN" Table	
Name	Type
TBL_SYSCOLUMN_TRI1	INSERT
TBL_SYSCOLUMN_TRU1	UPDATE
TBL_SYSCOLUMN_TRD1	DELETE

Table(s) of "TBL_SYSDATATYPE" Picture Object	
Name	TBL_SYSDATATYPE
Comment	System metadata table; a characteristic/definition table defining the column/field datatypes used by ACT!. Contains both physical RDBMS-specific information as well as application and business implementation. A "mapping" table between logical ACT! datatypes and the underlying physical RDBMS datatypes.

Column(s) of "TBL_SYSDATATYPE" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
DATATYPEID	tinyint	PRIMARY KEY.	NOT NULL	Yes	No
DOMAINID	tinyint	FOREIGN KEY to TBL_SYSDOMAIN. Identifies the family or classification of the datatype record.	NOT NULL	No	Yes
PHYDATATYPE	nvarchar(32)	Identifies the actual physical datatype which is used/stored in the database. This value can vary between different database vendors. This datatype is not exposed to the user.	NOT NULL	No	No
ACTDATATYPE	nvarchar(32)	Contains the user-friendly name and classification of the datatype. These are finite and shipped with the application, they're not extendible. An example value would be URL Address. Some of these datatypes, such as the example given, also carry some behavioral implications such as formatting and hot-linking.	NOT NULL	No	No
APPDATATYPE	nvarchar(255)	Contains the internal-use .Net datatype for application schema meta-data use.	NOT NULL	No	No
ISNULLABLE	bit	Represents the NULLability value of the physical datatype (PHYDATATYPE) which can vary between different database vendors.	NOT NULL	No	No
LENGTHMAX	smallint		NULL	No	No
ISLENGTHFIXED	bit		NOT NULL	No	No
DECIMALPRECISION	tinyint		NULL	No	No
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.	NOT NULL	No	No
CREATEDATE	datetime	Date and Time the record was last edited.	NOT NULL	No	No
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.	NULL	No	No

EDITDATE	datetime	Date and Time the record was last edited.	NULL	No	No
LENGTHDEFAULT	smallint		NULL	No	No
STORAGEBYTES	smallint	The actual number of bytes required to store the physical datatype. As an example, an NVARCHAR requires two bytes of storage for each character.	NULL	No	No

**Index(s) of "TBL\_SYSDATATYPE" Table**

Name	Type	Unique
TBL_SYSDATATYPE_PK	PK	Yes
TBL_SYSDATATYPE_AK2	AK2	Yes

**Member(s) of "TBL\_SYSDATATYPE\_PK" Index**

**Column**

Name
DATATYPEID

**Member(s) of "TBL\_SYSDATATYPE\_AK2" Index**

**Column**

Name
ACTDATATYPE

Table(s) of "TBL_SYSDOMAIN" Picture Object	
<b>Name</b>	TBL_SYSDOMAIN
<b>Comment</b>	A characteristic/definition table. A system table to categorize field/column datatypes (stored in TBL_SYSDATATYPE) into common groups - Domains. An example of that would be the "String" Domain that would include the varchar and char datatypes.

Column(s) of "TBL_SYSDOMAIN" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
DOMAINID	tinyint	PRIMARY KEY.	NOT NULL	Yes	No
NAME	nvarchar(32)	The physical and displayname of the datatype class (i.e. STRING, NUMERIC).	NOT NULL	No	No
DESCRIPTION	nvarchar(128)	An optional narrative description of the record.	NULL	No	No
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.	NOT NULL	No	No
CREATEDATE	datetime	Date and Time the record was last edited.	NOT NULL	No	No

Index(s) of "TBL_SYSDOMAIN" Table		
Name	Type	Unique
TBL_SYSDOMAIN_PK	PK	Yes
TBL_SYSDOMAIN_AK1	AK1	Yes

**Member(s) of "TBL\_SYSDOMAIN\_PK" Index**

Column
Name
DOMAINID

**Member(s) of "TBL\_SYSDOMAIN\_AK1" Index**

Column
Name
NAME

Table(s) of "TBL_SYSENTITY" Picture Object	
<b>Name</b>	TBL_SYSENTITY
<b>Comment</b>	A characteristic/definition table. Defines the high-level Entities in the application, including: Contact Group Company Opportunity This record is further defined by the table TBL_SYSENTITY_SYSTABLE to identify the individual tables which comprise the Entity record, including any custom tables.

Column(s) of "TBL_SYSENTITY" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
ENTITYID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	No
NAME	nvarchar(64)	UNIQUE value. The internal name of the Entity.	NOT NULL	No	No
DISPLAYNAME	nvarchar(64)	UNIQUE. The localized name for the Entity which is displayed to the User in the application and SDK.	NOT NULL	No	No
DESCRIPTION	nvarchar(512)	An optional narrative description for the record.	NULL	No	No
TYPENUM	tinyint	Enumeration. Identifies the type of Entity - valid values: 0 = Entity (i.e. Contact, Group) 1 = Sub-Entity (i.e. Custom Table)  A Sub-Entity requires access, or accessibility, thru it's related Entity or Entities. An example would be a custom Policies Sub-Entity intended to extended an Entity (such as Contact) in a M:M cardinality.  Implemented in support of Custom Tables.	NOT NULL	No	No
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.	NOT NULL	No	No
CREATEDATE	datetime	Date and Time the record was created.	NOT NULL	No	No
ISENABLEDUPCHK	bit	Boolean. Exposed to the user in Define Fields module. Determines whether or not to perform Duplicate Checking for the Entity.	NOT NULL	No	No
ISALLOWHISTORYEDIT	bit	Boolean. Exposed to the user in Define Fields module. Determines whether or not to allow users to edit/modify History records for the Entity.	NOT NULL	No	No

ISCUSTOM	bit	BOOLEAN. Identifies if the Entity is user-created or stock.	NOT NULL	No	No
ISDEFINEFIELD	bit	BOOLEAN. Identifies if the Entity (or Sub-Entity) is extensible (available in Define Fields). This applies to all tables which comprise the Entity. Values: 0 = Entity does not appear in Define Fields; all tables which comprise the Entity will be set to 0 (false) 1 = Entity does appear in Define Fields; tables which comprise the Entity can be set to True or False as desired	NOT NULL	No	No
ISDISPLAYED	bit	BOOLEAN. Identifies if the Entity (or Sub-Entity) is generally displayed in the application. This applies to all tables which comprise the Entity. Values: 0 = Entity does not appear in the application; all tables which comprise the Entity will be set to 0 (false) 1 = Entity does appear in the application; tables which comprise the Entity can be set to True or False as desired.  Appearing in the application includes Customize Columns, Lookups, OLE/DB Provider, etc.	NOT NULL	No	No
FEATURESETID	uniqueidentifier	Optional FOREIGN KEY. Identifies the Featureset for the Entity (or Sub-Entity) which contains the Security including Permissions.	NOT NULL	No	Yes

**Default(s) of "TYPENUM" Column**

Name	Default
TBL_SYSENTITY_TYPENUM_DEF	0

**Validation(s) of "TYPENUM" Column**

Name	Type	Min	Max	Rule
TBL_SYSENTITY_TY-PENUM_CHK	TBL_SYSENTITY_TY-PENUM_CHK			TYPENUM IN (0, 1)

**Default(s) of "ISCUSTOM" Column**

Name	Default
TBL_SYSENTITY_ISCUSTOM_DEF	1

**Default(s) of "ISDEFINEFIELD" Column**

Name	Default
TBL_SYSENTITY_ISDEFINEFIELD_DEF	1

**Default(s) of "ISDISPLAYED" Column**

Name	Default
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TBL_SYSENTITY_ISDISPLAYED_DEF	1
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**Index(s) of "TBL\_SYSENTITY" Table**

Name	Type	Unique
TBL_SYSENTITY_PK	PK	Yes
TBL_SYSENTITY_AK1	AK1	Yes
TBL_SYSENTITY_AK2	AK2	Yes
TBL_SYSENTITY_IF1	IF1	No

**Member(s) of "TBL\_SYSENTITY\_PK" Index**

**Column**

**Name**

ENTITYID

**Member(s) of "TBL\_SYSENTITY\_AK1" Index**

**Column**

**Name**

NAME

**Member(s) of "TBL\_SYSENTITY\_AK2" Index**

**Column**

**Name**

DISPLAYNAME

**Member(s) of "TBL\_SYSENTITY\_IF1" Index**

**Column**

**Name**

FEATURESETID

**Trigger(s) of "TBL\_SYSENTITY" Table**

Name	Type
TBL_SYSENTITY_TRD1	DELETE
TBL_SYSENTITY_TRI1	INSERT
TBL_SYSENTITY_TRU1	UPDATE

Table(s) of "TBL_SYSOOPERATOR" Picture Object	
<b>Name</b>	TBL_SYSOOPERATOR
<b>Comment</b>	A characteristic/definition table. Defines the stock query operators, used by the Lookup and Advanced Query modules.

Column(s) of "TBL_SYSOOPERATOR" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
OPERATORID	tinyint	PRIMARY KEY.	NOT NULL	Yes	No
NAME	nvarchar(32)	The logical and displayed name of the Operator to the User/application. This is non-technical such as 'Equal To', not '='. The technical representation is stored in the OPERATORSQL field of SYSDOMAIN_-SYSOOPERATOR.	NOT NULL	No	No
DESCRIPTION	nvarchar(128)	An optional narrative description of the record.	NOT NULL	No	No
CREATEUSERID	uniqueidentifier		NOT NULL	No	No
CREATEDATE	datetime	Date and Time the record was last edited.	NOT NULL	No	No

Index(s) of "TBL_SYSOOPERATOR" Table		
Name	Type	Unique
TBL_SYSOOPERATOR_PK	PK	Yes
TBL_SYSOOPERATOR_AK1	AK1	Yes

**Member(s) of "TBL\_SYSOOPERATOR\_PK" Index**

Column
<b>Name</b>
OPERATORID

**Member(s) of "TBL\_SYSOOPERATOR\_AK1" Index**

Column
<b>Name</b>
NAME



Table(s) of "TBL_SYSTABLE" Picture Object	
Name	TBL_SYSTABLE
Comment	System metadata table. Contains an entry for every table in the database. Provides the logical to physical mapping/translation between the application and the RDBMS.

Column(s) of "TBL_SYSTABLE" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
TABLEID	uniqueidentifier	Primary Key.	NOT NULL	Yes	No
TABLENAME	nvarchar(32)	UNIQUE enforcement. A static value representing the PHYSICAL name of the table in the RDBMS.	NOT NULL	No	No
DISPLAYNAME	nvarchar(64)	UNIQUE enforcement. The localized name displayed to the User. Can be changed by the User in Define Fields.	NOT NULL	No	No
TYPENUM	tinyint	TINYINT enumeration. Represents whether the table is a regular Physical table (playing no specific role) or if it is of another type or role. Values: 0 = Physical Table 1 = Entity 1:1 Spillover Table 2 = Supporting 1: M Table (* Deprecated) 3 = View Table 4 = Entity Base Table 5 = Association Table 6 = Self-Reference Association Table 7 = Type Lookup Table	NOT NULL	No	No
ISDISPLAYED	bit	BOOLEAN. Behavioral attribute to control whether or not the record is displayed in drop-down lists, etc. in the application. When True (1), the record is displayed.	NOT NULL	No	No
ISCUSTOM	bit	BOOLEAN. Represents whether the record has been added by the User. Values: 0 = Non-Custom Table 1 = Custom Table	NOT NULL	No	No
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.	NOT NULL	No	No
CONTAINSVIRTUALS	bit	BOOLEAN. Controlled internal-use attribute. ACT! will ship with three table which are flattened by virtualizing the columns, one set for each instance of unique Type. This bit is used to identify table's which contain the Virtual Columns (TBL_SYSCOLUMNS.TYPENUM (2, 3))	NOT NULL	No	No

DESCRIPTION	nvarchar(512)	An optional narrative description of the record.	NULL	No	No
CREATEDATE	datetime	Date and Time the record was created.	NOT NULL	No	No
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.	NULL	No	No
EDITDATE	datetime	Date and Time that the record was last edited.	NULL	No	No
HASVIRTUALCOLUMNS	bit	Boolean. Controlled internal-use attribute. ACT! will ship with three table which are flattened by virtualizing the columns, one set for each instance of unique Type. This bit is used by the PRC_UPD_TABLECOLUMN stored procedure to maintain this table's columns (SYSCOLUMNS) specially.	NOT NULL	No	No
ISDEFINEFIELD	bit	BOOLEAN. Identifies if the table is available in Define Fields. If the table is false, then all of its TBL_SYSCOLUMN records will be set to false, as well.	NOT NULL	No	No
CONTAINSPHONE	bit	BOOLEAN. Controlled internal-use attribute. Determines if the table contains Virtual Columns for Phone (TBL_PHONE).	NOT NULL	No	No
CONTAINSEMAIL	bit	BOOLEAN. Controlled internal-use attribute. Determines if the table contains Virtual Columns for Email (TBL_EMAIL).	NOT NULL	No	No
CONTAINSADDRESS	bit	BOOLEAN. Controlled internal-use attribute. Determines if the table contains Virtual Columns for Address (TBL_ADDRESS).	NOT NULL	No	No
TABLEDOMAINID	tinyint	ALTERNATE KEY. Foreign Keys from the TBL_SYSTABLEDOMAIN table.	NOT NULL	No	Yes

**Validation(s) of "TYPENUM" Column**

Name	Type	Min	Max	Rule
TBL_SYSTABLE_TYPENUM_CHK	TBL_SYSTABLE_TYPENUM_CHK			TYPENUM IN (0, 1, 2, 3, 4, 5, 6, 7)

**Default(s) of "CONTAINSPHONE" Column**

Name	Default
TBL_SYSTABLE_HASPHONEVIRTUALS_DEF	0

**Default(s) of "CONTAINSEMAIL" Column**

Name	Default
TBL_SYSTABLE_HASEMAILVIRTUALS_DEF	0

**Default(s) of "CONTAINSADDRESS" Column**

Name	Default
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TBL_SYSTABLE_HASADDRESSVIRTUALS_DEF	0
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**Index(s) of "TBL\_SYSTABLE" Table**

Name	Type	Unique
TBL_SYSTABLE_PK	PK	Yes
TBL_SYSTABLE_AK1	AK1	Yes
TBL_SYSTABLE_AK2	AK2	Yes
TBL_SYSTABLE_IF3	IF3	No

**Member(s) of "TBL\_SYSTABLE\_PK" Index**

**Column**

**Name**

TABLEID

**Member(s) of "TBL\_SYSTABLE\_AK1" Index**

**Column**

**Name**

TABLENAME

**Member(s) of "TBL\_SYSTABLE\_AK2" Index**

**Column**

**Name**

DISPLAYNAME

**Member(s) of "TBL\_SYSTABLE\_IF3" Index**

**Column**

**Name**

TABLEDOMAINID

**Trigger(s) of "TBL\_SYSTABLE" Table**

Name	Type
TBL_SYSTABLE_TRI1	INSERT
TBL_SYSTABLE_TRD1	DELETE

Table(s) of "TBL_SYSTABLEKEY" Picture Object	
Name	TBL_SYSTABLEKEY
Comment	System metadata table. Contains an entry for each Key and Constraint in the database, both logical and physical. Provides the logical to physical mapping/translation between the application and the RDBMS. These records would include Indexes, Duplicate Checking keys and Primary and Alternate Keys.

Column(s) of "TBL_SYSTABLEKEY" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
TABLEKEYID	uniqueidentifier	Primary Key.	NOT NULL	Yes	No
NAME	nvarchar(64)	The physical name of the key or index. This is a controlled value by the application and the User cannot change this value.	NOT NULL	No	No
TABLEID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Tables record.	NOT NULL	No	Yes
KEYTYPE	nchar(2)	A system field, controlled two-character value to indicate the record type: PK = Primary Key AK = Alternate Key (UNIQUE CONSTRAINT) IE - Inversion Entry Index IF - Foreign Key Index DU - Duplicate Checking (non-database)	NOT NULL	No	No
ISKEY	bit	Boolean. Indicates if this record (type) is a key or not. KEYTYPE values of PK and AK should always be True.	NOT NULL	No	No
ISREMOVEABLE	bit	Boolean. Behavioral attribute to protect certain desired records. For example, Primary and Alternate Keys should always be True. Indexes, depending upon their definition, may be True or False.	NOT NULL	No	No
ISCUSTOM	bit	Boolean. When True, the record has been added by the User post-installation. It is a custom key or index.	NOT NULL	No	No
DISPLAYNAME	nvarchar(64)	The friendly name of the record which is displayed to the User. The naming conventions are Inversion Entry plus a number, Foreign Key plus a number, Primary Key, Alternate Key plus a number, Duplicate Checking	NULL	No	No

NUMCOLUMNS	tinyint	Mandatory integer field; the number of columns/fields which make-up this key (whether an Index or Key Constraint). This value is used by the database objects to create and maintain the child table SYSTABLEKEY_SYSCOLUMN.	NOT NULL	No	No
SQLTEXT	nvarchar(256)	Optional. Supports the ability to dynamically DROP and (re)CREATE Unique Constraints and any Indexes during field definition change in Define Fields. Only set as needed. It will contain the SQL DDL to generate the exact object including the clustered/non-clustered and fillfactor properties.	NULL	No	No

#### Validation(s) of "KEYTYPE" Column

Name	Type	Min	Max	Rule
TBL_TABLEKEY_KEYTYPE_CHK	TBL_TABLEKEY_KEYTYPE_CHK			KEYTYPE IN ('PK', 'AK', 'IE', 'IF', 'DU')

#### Index(s) of "TBL\_SYSTABLEKEY" Table

Name	Type	Unique
TBL_SYSTABLEKEY_PK	PK	Yes
TBL_SYSTABLEKEY_AK2	AK2	Yes
TBL_SYSTABLEKEY_IE1	IE1	No

#### Member(s) of "TBL\_SYSTABLEKEY\_PK" Index

##### Column

Name
TABLEKEYID

#### Member(s) of "TBL\_SYSTABLEKEY\_AK2" Index

##### Column

Name
TABLEID

##### Column

Name
DISPLAYNAME

#### Member(s) of "TBL\_SYSTABLEKEY\_IE1" Index

##### Column

Name
KEYTYPE

##### Column

Name
NUMCOLUMNS

#### Trigger(s) of "TBL\_SYSTABLEKEY" Table

Name	Type
TBL_SYSTABLEKEY_TRD1	DELETE

**Table(s) of "TBL\_SYSVALUE" Picture Object**

<b>Name</b>	TBL_SYSVALUE
<b>Comment</b>	System metadata table containing pre-determined values for Lookups and Advanced Query, etc.

**Column(s) of "TBL\_SYSVALUE" Table**

Name	Datatype	Comment	Null Option	Is PK	Is FK
VALUEID	tinyint	PRIMARY KEY.	NOT NULL	Yes	No
NAME	nvarchar(32)	The logical displayed name to the User and application. An example of this would be 'Today'.	NULL	No	No
DESCRIPTION	nvarchar(128)	An optional narrative description of the record.	NULL	No	No
CREATEUSERID	uniqueidentifier		NOT NULL	No	No
CREATEDATE	datetime	Date and Time the record was last edited.	NOT NULL	No	No

**Index(s) of "TBL\_SYSVALUE" Table**

Name	Type	Unique
TBL_SYSVALUE_PK	PK	Yes
TBL_SYSVALUE_AK1	AK1	Yes

**Member(s) of "TBL\_SYSVALUE\_PK" Index****Column**

Name
VALUEID

**Member(s) of "TBL\_SYSVALUE\_AK1" Index****Column**

Name
NAME

Table(s) of "TBL_SYSVALUEUSAGE" Picture Object	
<b>Name</b>	TBL_SYSVALUEUSAGE
<b>Comment</b>	System metadata table.

Column(s) of "TBL_SYSVALUEUSAGE" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
DOMAINID	tinyint	PRIMARY KEY.	NOT NULL	Yes	Yes
OPERATORID	tinyint	PRIMARY KEY.	NOT NULL	Yes	Yes
VALUEID	tinyint	PRIMARY KEY.	NOT NULL	Yes	Yes

Index(s) of "TBL_SYSVALUEUSAGE" Table		
Name	Type	Unique
TBL_SYSVALUEUSAGE_PK	PK	Yes

**Member(s) of "TBL\_SYSVALUEUSAGE\_PK" Index**

Column
Name
DOMAINID

Column
Name
OPERATORID

Column
Name
VALUEID

Table(s) of "CTL_SYSTABLEORDER" Picture Object	
<b>Name</b>	CTL_SYSTABLEORDER
<b>Comment</b>	Internal system table used primarily for Sync. Contains entries for each table and two important attributes: TABLESEGMENT: Identifies if the table belongs to "Schema", "User" or "Content" ORDINAL: Identifies the physical processing order of the table as determined by referential integrity rules.

Column(s) of "CTL_SYSTABLEORDER" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
TABLESEGMENT	char(1)	Identifies the segment/category in which the Table resides. Valid values include: S - Schema U - User C - Content	NOT NULL	No	No
ORDINAL	smallint	Identifies the processing sequence of the table within it's TABLESEGMENT. This value is determined by Referential Integrity processing order.	NOT NULL	No	No
TABLENAME	nvarchar(32)	UNIQUE enforcement. A static value representing the PHYSICAL name of the table in the RDBMS.	NOT NULL	Yes	Yes

Index(s) of "CTL_SYSTABLEORDER" Table		
Name	Type	Unique
CTL_SYSTABLEORDER_PK	PK	Yes
CTL_SYSTABLEORDER_IE1	IE1	No

**Member(s) of "CTL\_SYSTABLEORDER\_PK" Index**

Column	
Name	
TABLENAME	

**Member(s) of "CTL\_SYSTABLEORDER\_IE1" Index**

Column	
Name	
TABLESEGMENT	

Column	
Name	
ORDINAL	



Table(s) of "TBL_SYSTABLERELATION" Picture Object	
<b>Name</b>	TBL_SYSTABLERELATION
<b>Comment</b>	Internal system table used primarily to support Sync. Contains zero-one-or-more records for each table that have either depending relationships (it's got other tables that foreign-key to it) or dependent relationships (it foreign-keys to one or more other tables). Used in Sync Exception resolution to determine further actions. Contains the "rules" for each relationship as well.

Column(s) of "TBL_SYSTABLERELATION" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
CHILDTABLE	nvarchar(32)	PRIMARY KEY.	NOT NULL	Yes	No
CHILDCOLUMN	nvarchar(32)	PRIMARY KEY.	NOT NULL	Yes	No
JOINTYPE	varchar(16)		NOT NULL	No	No
PARENTTABLE	nvarchar(32)		NOT NULL	No	No
PARENTCOLUMN	nvarchar(32)		NOT NULL	No	No
PARENTKEYTYPE	char(2)		NOT NULL	No	No
PARENTRULE	varchar(16)		NOT NULL	No	No
CHILDRULE	varchar(16)		NOT NULL	No	No
RELATIONID	uniqueidentifier		NOT NULL	No	No

Default(s) of "RELATIONID" Column	
Name	Default
TBL_SYSTABLERELATION_RELATIONID_DEF	NEWID()

Index(s) of "TBL_SYSTABLERELATION" Table		
Name	Type	Unique
TBL_SYSTABLERELATION_PK	PK	Yes
TBL_SYSTABLERELATION_IE1	IE1	No

**Member(s) of "TBL\_SYSTABLERELATION\_PK" Index**

Column
Name
CHILDTABLE

Column
Name
CHILDCOLUMN

**Member(s) of "TBL\_SYSTABLERELATION\_IE1" Index**

Column
Name
PARENTTABLE

Column
Name
PARENTCOLUMN

Table(s) of "TBL_COMPANYCONTACT_MAP" Picture Object	
Name	TBL_COMPANYCONTACT_MAP
Comment	A system definition table. Stores the Company-to-Contact field maps to be used when mass-updating LINKED Contacts. Default fields included here are Web Address and Address fields. Note that the CompanyName is *hard-wired* and cannot be removed.

Column(s) of "TBL_COMPANYCONTACT_MAP" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
ISCUSTOM	bit	BOOLEAN. Identifies if the record has been custom added by the User. Valid values: 0 - Not a custom record 1 - A custom record	NOT NULL	No	No
ISACTIVE	bit	BOOLEAN. Identifies whether the record is to be used in processing or not. Valid values: 0 - Not Active 1 - Active	NOT NULL	No	No
CREATEUSERID	uniqueidentifier		NOT NULL	No	No
CREATEDATE	datetime	Date and Time the record was created.	NOT NULL	No	No
EDITUSERID	uniqueidentifier		NULL	No	No
EDITDATE	datetime	Date and Time the record was last edited.	NULL	No	No
COMPANY_COLUMNID	uniqueidentifier	FOREIGN KEY to TBL_SYSCOLUMN.COLUMNID; Identifies the column of the Company table to which a Contact column is linked/ mapped.	NOT NULL	Yes	Yes
CONTACT_COLUMNID	uniqueidentifier	FOREIGN KEY to TBL_SYSCOLUMN.COLUMNID; Identifies the column of the Contact table to which a Company column is linked/ mapped.	NOT NULL	Yes	Yes
ISMANDATORY	bit	BOOLEAN. Determines if the column map record is to be always updated or only if specifically requested. Valid values: 0 = Conditionally update the linked columns 1 = Unconditionally update the linked columns Mandatory linked fields (1) are enforced thru the Framework (and potentially the database).	NOT NULL	No	No

Default(s) of "ISMANDATORY" Column	
Name	Default
TBL_COMPANYCONTACT_MAP_ISMANDATORY_DEF	0

Index(s) of "TBL_COMPANYCONTACT_MAP" Table		
Name	Type	Unique
TBL_COMPANYCONTACT_MAP_PK	PK	Yes

Member(s) of "TBL_COMPANYCONTACT_MAP PK" Index
--

<b>Column</b>
<b>Name</b>
COMPANY_COLUMNID

<b>Column</b>
<b>Name</b>
CONTACT_COLUMNID

Table(s) of "TBL_SYSCOLUMN_ACL" Picture Object	
<b>Name</b>	TBL_SYSCOLUMN_ACL
<b>Comment</b>	Column level security table - Access Control List (ACL). Contains a record for each exposed/securable column in the database. Entries can include either Users and/or Teams (since it foreign keys to TBL_ACCESSOR).

Column(s) of "TBL_SYSCOLUMN_ACL" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
COLUMNID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	Yes
ACCESSLEVEL	tinyint	Enum value; determines the level of Column/Field access for either Users and/or Teams. Valid values include: 0 - Deny (no access) 1 - Read-only 2 - Full Edit (Read/Write)	NOT NULL	No	No
ACCESSORID	uniqueidentifier		NOT NULL	Yes	Yes

Validation(s) of "ACCESSLEVEL" Column				
Name	Type	Min	Max	Rule
TBL_SYSCOLUMN_ACL_ACCESSLEVEL	TBL_SYSCOLUMN_ACL_ACCESSLEVEL			ACCESSLEVEL IN (0, 1, 2)

Index(s) of "TBL_SYSCOLUMN_ACL" Table		
Name	Type	Unique
TBL_SYSCOLUMN_ACL_PK	PK	Yes
TBL_SYSCOLUMN_ACL_IF2	IF2	No

#### Member(s) of "TBL\_SYSCOLUMN\_ACL\_PK" Index

Column
Name
COLUMNID

Column
Name
ACCESSORID

#### Member(s) of "TBL\_SYSCOLUMN\_ACL\_IF2" Index

Column
Name
ACCESSORID

Trigger(s) of "TBL_SYSCOLUMN_ACL" Table	
Name	Type
TBL_SYSCOLUMN_ACL_TRI1	INSERT
TBL_SYSCOLUMN_ACL_TRD1	DELETE
TBL_SYSCOLUMN_ACL_TRU1	UPDATE

Table(s) of "TBL_SYSENTITYRELATION" Picture Object	
<b>Name</b>	TBL_SYSENTITYRELATION
<b>Comment</b>	An association table to identify Entities to other Entities. Typically this will be a relationship between an Entity and a Sub-Entity. An example of this would be a Custom Table "Policies" (a Sub-Entity) for the Entity Contact.

Column(s) of "TBL_SYSENTITYRELATION" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
TO_ENTITYID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	Yes
FROM_ENTITYID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	Yes
FROM_CARDINALITY	varchar(3)	<p>Identifies the cardinality of the FROM Entity to the TO Entity relationship. Valid values: 1 = One-to-N M = Many-to-N</p> <p>Note that both the M and 1 cardinalities are an implied Z cardinality meaning zero-one-or-more (M) or zero-or-one (1).</p> <p>A 1:M of Contact to Policy would indicate that One Contact can have Many Policies, but that each Policy can have only One Contact.</p> <p>A M:M of Contact to Policy would indicate that One Contact can have Many Policies, and that each Policy can have Many Contacts.</p>	NOT NULL	No	No
ROLETYPENUM	tinyint	<p>Used to determine what type of Relationship there will be. This enum value determines if there will be ROLE fields and how many (and for which direction(s)): 0 = no Relationship definition/fields 1 = from FROM_ENTITYID to TO_ENTITYID 2 = to FROM_ENTITYID from TO_ENTITYID 3 = bidirectional - ROLE1 will define From and ROLE2 will define To.</p>	NOT NULL	No	No

HASCREATEEDIT	bit	Whether or not the Relationship table has Create/Edit User and Date fields.	NOT NULL	No	No
HASDETAILS	bit	Whether or not the Relationship table has a details (RTF) field.	NOT NULL	No	No
ISCUSTOM	bit	Whether or not the Relationship was User-created.	NOT NULL	No	No
TO_CARDINALITY	varchar(3)	Identifies the cardinality of the TO Entity to the FROM Entity relationship. Valid values: 1 = N-to-One M = N-to-Many  Note that both the M and 1 cardinalities are an implied Z cardinality meaning zero-one-or-more (M) or zero-or-one (1).  A 1:M of Contact to Policy would indicate that One Contact can have Many Policies, but that each Policy can have only One Contact.  A M:M of Contact to Policy would indicate that One Contact can have Many Policies, and that each Policy can have Many Contacts.	NOT NULL	No	No

Validation(s) of "FROM_CARDINALITY" Column				
Name	Type	Min	Max	Rule
TBL_SYSENTITYRELATION_FROM_CARDINALITY_CHK	TBL_SYSENTITYRELATION_FROM_CARDINALITY_CHK			FROM_CARDINALITY IN ('1', 'M')

Default(s) of "ROLETYPENUM" Column	
Name	Default
TBL_SYSENTITYRELATION_ROLETYPENUM_DEF	0

Default(s) of "HASCREATEEDIT" Column	
Name	Default
TBL_SYSENTITYRELATION_HASCREATEEDIT_DEF	0

Default(s) of "HASDETAILS" Column	
Name	Default
TBL_SYSENTITYRELATION_HASDETAILS_DEF	0

Default(s) of "ISCUSTOM" Column	
Name	Default
TBL_SYSENTITYRELATION_ISCUSTOM_DEF	0

Validation(s) of "TO_CARDINALITY" Column				
Name	Type	Min	Max	Rule
TBL_SYSENTITYRELATION_TO_CARDINALITY_CHK	TBL_SYSENTITYRELATION_TO_CARDINALITY_CHK			TO_CARDINALITY IN ('1', 'M')

Index(s) of "TBL_SYSENTITYRELATION" Table		
Name	Type	Unique

TBL_SYSENTITYRELATION_PK	PK	Yes
--------------------------	----	-----

**Member(s) of "TBL\_SYSENTITYRELATION\_PK" Index**

**Column**

**Name**

FROM\_ENTITYID

**Column**

**Name**

TO\_ENTITYID

**Trigger(s) of "TBL\_SYSENTITYRELATION" Table**

Name	Type
TBL_SYSENTITYRELATION_TRI1	INSERT
TBL_SYSENTITYRELATION_TRD1	DELETE
TBL_SYSENTITYRELATION_TRU1	UPDATE

**Table(s) of "TBL\_SYSTABLEDOMAIN" Picture Object**

<b>Name</b>	TBL_SYSTABLEDOMAIN
<b>Comment</b>	System metadata table. Identifies high-level categorization of tables (TBL_SYSTABLE). For example, the "Contact" Domain contains the TBL_CONTACT table. This is an indirectly-extensible user table for Custom Entities and Sub-Entities.

**Column(s) of "TBL\_SYSTABLEDOMAIN" Table**

Name	Datatype	Comment	Null Option	Is PK	Is FK
TABLEDOMAINGUID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	No
TABLEDOMAINID	tinyint	ALTERNATE KEY. Foreign Keys from the TBL_SYSTABLE table.	NOT NULL	No	No
NAME	nvarchar(64)	Domain Name.	NOT NULL	No	No
DESCRIPTION	nvarchar(128)	Optional description of the Domain.	NULL	No	No
ENTITYID	uniqueidentifier	PRIMARY KEY.	NULL	No	Yes

**Index(s) of "TBL\_SYSTABLEDOMAIN" Table**

Name	Type	Unique
TBL_SYSTABLEDOMAIN_PK	PK	Yes
TBL_SYSTABLEDOMAIN_AK1	AK1	Yes
TBL_SYSTABLEDOMAIN_AK2	AK2	Yes
TBL_SYSTABLEDOMAIN_IF1	IF1	No

**Member(s) of "TBL\_SYSTABLEDOMAIN\_PK" Index****Column**

Name
TABLEDOMAINGUID

**Member(s) of "TBL\_SYSTABLEDOMAIN\_AK1" Index****Column**

Name
TABLEDOMAINID

**Member(s) of "TBL\_SYSTABLEDOMAIN\_AK2" Index****Column**

Name
NAME

**Member(s) of "TBL\_SYSTABLEDOMAIN\_IF1" Index****Column**

Name
ENTITYID



Table(s) of "CTL_USER_COLUMNACCESS" Picture Object	
<b>Name</b>	CTL_USER_COLUMNACCESS
<b>Comment</b>	Table for use in OLE/DB Reporting that has user column access only for columns of limited or no access.

Column(s) of "CTL_USER_COLUMNACCESS" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
ACCESSLEVEL	tinyint	Enum value; determines the level of Column/Field access for Users. *Used to support and supplement the OLE DB Reporting View security construction. Valid values include: 0 - Deny (no access) 1 - Read-only 2 - Full Edit (Read/Write)	NOT NULL	No	No
COLUMNID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	Yes
USERID	uniqueidentifier		NOT NULL	Yes	Yes

Index(s) of "CTL_USER_COLUMNACCESS" Table		
Name	Type	Unique
CTL_USER_COLUMNACCESS_PK	PK	Yes
CTL_USER_COLUMNACCESS_IF3	IF3	No

**Member(s) of "CTL\_USER\_COLUMNACCESS\_PK" Index**

Column
Name
COLUMNID

Column
Name
USERID

**Member(s) of "CTL\_USER\_COLUMNACCESS\_IF3" Index**

Column
Name
USERID

Table(s) of "TBL_SYSENTITY_SYSTABLE" Picture Object	
<b>Name</b>	TBL_SYSENTITY_SYSTABLE
<b>Comment</b>	An association table identifying the underlying tables which comprise the high-level Entity such as Contact or Group. This association table will include any custom (or spill-over) tables for any extensible Entity.

Column(s) of "TBL_SYSENTITY_SYSTABLE" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
ENTITYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Entity record.	NOT NULL	Yes	Yes
TABLEID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Table record.	NOT NULL	Yes	Yes
ISPRIMARYTABLE	bit	BOOLEAN. Identifies if the record representing the table association to an Entity is the Primary, or Lead, table for the Entity. An example of this would be the CONTACT table is the Primary table for the CONTACT Entity. Values are: 0 - Not the Primary 1 - Is the Primary Only ONE table per Entity should be designated as the Primary.	NOT NULL	No	No

Index(s) of "TBL_SYSENTITY_SYSTABLE" Table		
Name	Type	Unique
TBL_SYSENTITY_SYSTABLE_PK	PK	Yes

**Member(s) of "TBL\_SYSENTITY\_SYSTABLE\_PK" Index**

Column
Name
ENTITYID

Column
Name
TABLEID

Trigger(s) of "TBL_SYSENTITY_SYSTABLE" Table	
Name	Type
TBL_SYSENTITY_SYSTABLE_TRI1	INSERT

Table(s) of "TBL_SYSDOMAIN_SYSOPERATOR" Picture Object	
<b>Name</b>	TBL_SYSDOMAIN_SYSOPERATOR
<b>Comment</b>	An system association table used to define the RDBMS and datatype-specific SQL for the selected datatype domain (TBL_SYSDOMAIN) and the equation operator (TBL_SYSOPERATOR). Used to support Lookups and Advanced Query.

Column(s) of "TBL_SYSDOMAIN_SYSOPERATOR" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
DOMAINID	tinyint	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the (datatype) Domain record.	NOT NULL	Yes	Yes
OPERATORSQL	nvarchar(1000)	Contains the RDBMS-specific format for translating an Operator (SYSOPERATOR) into valid SQL syntax. This value can optionally contain placeholders which are defined as: @COLUMN - column name @FVALUE - first value @SVALUE - second value	NOT NULL	No	No
OPERATORID	tinyint	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the (query) Operators record.	NOT NULL	Yes	Yes

Index(s) of "TBL_SYSDOMAIN_SYSOPERATOR" Table		
Name	Type	Unique
TBL_SYSDOMAIN_SYSOPERATOR_PK	PK	Yes

**Member(s) of "TBL\_SYSDOMAIN\_SYSOPERATOR\_PK" Index**

Column
Name
DOMAINID

Column
Name
OPERATORID

Table(s) of "TBL_SYSTABLEKEY_SYSCOLUMN" Picture Object	
<b>Name</b>	TBL_SYSTABLEKEY_SYSCOLUMN
<b>Comment</b>	A system association record used to identify which columns (TBL_SYSCOLUMN) participate in a key or index (TBL_SYSTABLEKEY). Also contains the ordinal position of the column within the key or index.

Column(s) of "TBL_SYSTABLEKEY_SYSCOLUMN" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
COLUMNID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Columns record.	NOT NULL	Yes	Yes
TABLEKEYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Tables record.	NOT NULL	Yes	Yes
ORDINAL	smallint	The integer position of the column within the Key record (SYSTABLEKEY).	NOT NULL	No	No

Index(s) of "TBL_SYSTABLEKEY_SYSCOLUMN" Table		
Name	Type	Unique
TBL_SYSTABLEKEY_SYSCOLUMN_PK	PK	Yes
TBL_SYSTABLEKEY_SYSCOLUMN_IF118	IF118	No

**Member(s) of "TBL\_SYSTABLEKEY\_SYSCOLUMN\_PK" Index**

Column
Name
TABLEKEYID

Column
Name
COLUMNID

**Member(s) of "TBL\_SYSTABLEKEY\_SYSCOLUMN\_IF118" Index**

Column
Name
COLUMNID

Trigger(s) of "TBL_SYSTABLEKEY_SYSCOLUMN" Table	
Name	Type
TBL_SYSTABLEKEY_SYSCOLUMN_TRI1	INSERT

Table(s) of "TBL_VIRTUALRECORDTYPE" Picture Object	
<b>Name</b>	TBL_VIRTUALRECORDTYPE
<b>Comment</b>	A system association table used to support the Virtual recordtypes in the database. Virtual records include Address, Email and Phone. This record (virtually) creates the columns on the base Entity record (Contact, Group, Company) for the associated column Type (stored in TBL_PICKLISTITEM).

Column(s) of "TBL_VIRTUALRECORDTYPE" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
TYPEID	uniqueidentifier	FOREIGN KEY to TBL_PICKLISTITEM (PICKLISTITEMID). Business rules will allow for only Picklistitem records to which Recordtype Picklists belong to be in this field. This supports a common type (such as Fax) for a typed record (such as TBL_PHONE) to be made available for one of more Entities/Tables.	NOT NULL	Yes	Yes
TABLEID	uniqueidentifier	FOREIGN KEY to TBL_SYSTABLE. Business rules will allow for only extensible Entity/table records (Contact, Company, Group). This supports a common type (such as Fax) for a typed record (such as TBL_PHONE) to be made available for one of more Entities/Tables.	NOT NULL	Yes	Yes

Index(s) of "TBL_VIRTUALRECORDTYPE" Table		
Name	Type	Unique
TBL_VIRTUALRECORDTYPE_PK	PK	Yes

**Member(s) of "TBL\_VIRTUALRECORDTYPE\_PK" Index**

Column
Name
TABLEID

Column
Name
TYPEID

Trigger(s) of "TBL_VIRTUALRECORDTYPE" Table	
Name	Type
TBL_VIRTUALRECORDTYPE_TRD1	DELETE
TBL_VIRTUALRECORDTYPE_TRI1	INSERT

Table(s) of "TBL_SOCIALMEDIA" Picture Object	
<b>Name</b>	TBL_SOCIALMEDIA
<b>Comment</b>	Table to hold the different social media types

Column(s) of "TBL_SOCIALMEDIA" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
SOCIALMEDIAID	uniqueidentifier		NOT NULL	Yes	No
NAME	nvarchar(max)		NULL	No	No
DISPLAYNAME	nvarchar(max)		NULL	No	No

Index(s) of "TBL_SOCIALMEDIA" Table		
Name	Type	Unique
TBL_SOCIALMEDIA_PK	PK	Yes

**Member(s) of "TBL\_SOCIALMEDIA\_PK" Index**

Column
Name
SOCIALMEDIAID

Table(s) of "TBL_ANALYTICS_VIEW_DEFINITION" Picture Object	
Name	TBL_ANALYTICS_VIEW_DEFINITION
Comment	

Column(s) of "TBL_ANALYTICS_VIEW_DEFINITION" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
DEFINITION	nvarchar(max)		NULL	No	No
ACCESSORID	uniqueidentifier		NOT NULL	Yes	Yes

Index(s) of "TBL_ANALYTICS_VIEW_DEFINITION" Table		
Name	Type	Unique
TBL_ANALYTICS_VIEW_DEFINITION_PK	PK	Yes
ANALYTICS_DEFINITION_ACCESSORID_FK	AK1	Yes
TBL_ANALYTICS_VIEW_DEFINITION_IF1	IF1	Yes

**Member(s) of "TBL\_ANALYTICS\_VIEW\_DEFINITION\_PK" Index**

Column
Name
ACCESSORID

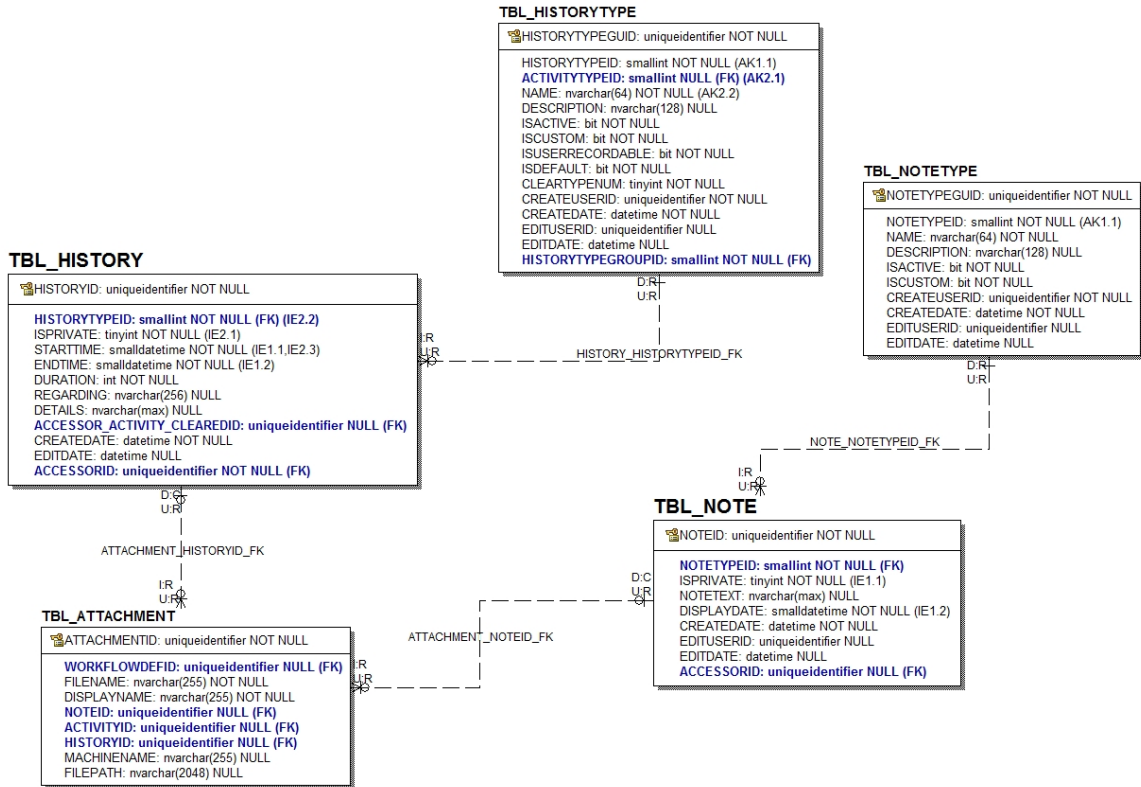
**Member(s) of "ANALYTICS\_DEFINITION\_ACCESSORID\_FK" Index**

Column
Name
ACCESSORID

**Member(s) of "TBL\_ANALYTICS\_VIEW\_DEFINITION\_IF1" Index**

Column
Name
ACCESSORID

# NOTES/HISTORY / Attributes - Physical





Table(s) of "TBL_HISTORY" Picture Object	
<b>Name</b>	TBL_HISTORY
<b>Comment</b>	Contains the History record which can be associated to any combination of: Contact Group Company Opportunity The Details field is RTF-encoded by the Framework.

Column(s) of "TBL_HISTORY" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
HISTORYID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	No
DETAILS	nvarchar(max)	A full, RTF-formatted, textual description of the history event.	NULL	No	No
ISPRIVATE	tinyint	TINYINT. Specifies if the record is Public or Private. Values are: 0 = Public 1 = Private. If Private, only the Record Manager may view it.	NOT NULL	No	No
CREATEDATE	datetime	Date and Time the record was created. This value does not change; for conversion and import (from another ACT! database) this value will be the value of the source record.	NOT NULL	No	No
ENDTIME	smalldatetime	If applicable, event Ending Date and Time displayed to the User. When the History is a result of a Cleared Activity, that Activity's ENDTIME is put in this value.  This field is used in the DURATION field calculation.	NOT NULL	No	No
DURATION	int	CALCULATED COLUMN. Formula: DATEDIFF(MINUTE, STARTTIME, ENDTIME)  This value is the number of minutes between the STARTTIME and ENDTIME.	NOT NULL	No	No
STARTTIME	smalldatetime	Date and Time the displayed to the User. This value represents the date and time when the History record occurred. By default, it is system-generated but can be edited by the User if the Edit History feature is enabled in Define Fields.  When the History is a result of a Cleared Activity, that Activity's STARTTIME is put in this value.  This field is used in the DURATION	NOT NULL	No	No

		field calculation.			
REGARDING	nvarchar(256)	The subject description of the History record. If created from a Cleared Activity, it is the Regarding of that Activity.	NULL	No	No
EDITDATE	datetime	Date and Time the record was last edited.	NULL	No	No
HISTORYTYPEID	smallint	Foreign Key to TBL_HISTORYTYPE. Identifies the User-specified type of History record (also referred to as the Result Type) such as Call Completed, etc.	NOT NULL	No	Yes
ACCESSOR_ACTIVITY_CLEAREDID	uniqueidentifier	Optional Foreign Key to TBL_ACCESSOR_ACTIVITY_CLEARED. Populated when the record is the direct result of clearing an Activity.	NULL	No	Yes
ACCESSORID	uniqueidentifier		NOT NULL	No	Yes

#### Validation(s) of "ISPRIVATE" Column

Name	Type	Min	Max	Rule
TBL_HISTORY_ISPRIVATE_CHK	TBL_HISTORY_ISPRIVATE_CHK			ISPRIVATE IN (0, 1)

#### Index(s) of "TBL\_HISTORY" Table

Name	Type	Unique
TBL_HISTORY_PK	PK	Yes
TBL_HISTORY_IE1	IE1	No
TBL_HISTORY_IE2	IE2	No
TBL_HISTORY_IF4	IF4	No
TBL_HISTORY_IF9	IF9	No
TBL_HISTORY_IF10	IF10	No
TBL_HISTORY_IF11	IF11	No
TBL_HISTORY_IF12	IF12	No

#### Member(s) of "TBL\_HISTORY\_PK" Index

##### Column

Name
HISTORYID

#### Physical Property(s) of "TBL\_HISTORY\_PK" Index

FILLFACTOR
75

#### Member(s) of "TBL\_HISTORY\_IE1" Index

##### Column

Name
STARTTIME

##### Column

Name
ENDTIME

#### Physical Property(s) of "TBL\_HISTORY\_IE1" Index

FILLFACTOR
75

#### Member(s) of "TBL\_HISTORY\_IE2" Index

<b>Column</b>
<b>Name</b>
ISPRIVATE

<b>Column</b>
<b>Name</b>
HISTORYTYPEID

<b>Column</b>
<b>Name</b>
STARTTIME

<b>Physical Property(s) of "TBL_HISTORY_IE2" Index</b>
<b>FILLFACTOR</b>
75

<b>Member(s) of "TBL_HISTORY_IF4" Index</b>
---

<b>Column</b>
<b>Name</b>
HISTORYTYPEID

<b>Physical Property(s) of "TBL_HISTORY_IF4" Index</b>
<b>FILLFACTOR</b>
75

<b>Member(s) of "TBL_HISTORY_IF9" Index</b>
---

<b>Column</b>
<b>Name</b>
ACCESSOR_ACTIVITY_CLEAREDID

<b>Member(s) of "TBL_HISTORY_IF10" Index</b>
--

<b>Column</b>
<b>Name</b>
ACCESSORID

<b>Member(s) of "TBL_HISTORY_IF11" Index</b>
--

<b>Column</b>
<b>Name</b>
ACCESSORID

<b>Member(s) of "TBL_HISTORY_IF12" Index</b>
--

<b>Column</b>
<b>Name</b>
ACCESSORID

Table(s) of "TBL_ATTACHMENT" Picture Object	
<b>Name</b>	TBL_ATTACHMENT
<b>Comment</b>	Table contains references to files stored externally in the \Attachments folder of the Supplemental File System (aka Datastore). Both Attachements and Library documents are persisted here. Attachments can be associated exclusively to one of the following records: Note History Activity

Column(s) of "TBL_ATTACHMENT" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
ATTACHMENTID	uniqueidentifier	Primary Key.	NOT NULL	Yes	No
FILENAME	nvarchar(255)	The name of the physical file on disk.	NOT NULL	No	No
DISPLAYNAME	nvarchar(255)	The logical, original name of the file.	NOT NULL	No	No
NOTEID	uniqueidentifier	Optional, exclusive FOREIGN KEY to TBL_NOTE when the attached file is for a Note.	NULL	No	Yes
ACTIVITYID	uniqueidentifier	Optional, exclusive FOREIGN KEY to TBL_ACTIVITY when the attached file is for an Activity.	NULL	No	Yes
HISTORYID	uniqueidentifier	Optional, exclusive FOREIGN KEY to TBL_HISTORY when the attached file is for a History.	NULL	No	Yes
MACHINENAME	nvarchar(255)		NULL	No	No
FILEPATH	nvarchar(2048)		NULL	No	No
WORKFLOWDEFID	uniqueidentifier	PRIMARY KEY.	NULL	No	Yes

Index(s) of "TBL_ATTACHMENT" Table		
Name	Type	Unique
TBL_ATTACHMENT_PK	PK	Yes
TBL_ATTACHMENT_IF4	IF4	No
TBL_ATTACHMENT_IF5	IF5	No
TBL_ATTACHMENT_IF6	IF6	No
TBL_ATTACHMENT_IF7	IF7	No

**Member(s) of "TBL\_ATTACHMENT\_PK" Index**

Column
Name
ATTACHMENTID

**Member(s) of "TBL\_ATTACHMENT\_IF4" Index**

Column
Name
NOTEID

**Member(s) of "TBL\_ATTACHMENT\_IF5" Index**

Column
Name
ACTIVITYID

**Member(s) of "TBL\_ATTACHMENT\_IF6" Index**

Column
Name
HISTORYID

**Member(s) of "TBL\_ATTACHMENT\_IF7" Index**

Column
Name

WORKFLOWDEFID
---------------

Trigger(s) of "TBL_ATTACHMENT" Table	
Name	Type
TBL_ATTACHMENT_TRI1	INSERT

Table(s) of "TBL_HISTORYTYPE" Picture Object	
Name	TBL_HISTORYTYPE
Comment	A characteristic/definition table. Records define both stock and user-defined History Types (aka Result Types).

Column(s) of "TBL_HISTORYTYPE" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
HISTORYTYPEID	smallint	Alternate Key. This field is referenced by the foreign key in TBL_HISTORY.	NOT NULL	No	No
NAME	nvarchar(64)	A Mandatory value for a general name/reference of the History Type.	NOT NULL	No	No
ISACTIVE	bit	Boolean. Identifies whether the History Type (aka Result Type) can be used when creating new History records.	NOT NULL	No	No
DESCRIPTION	nvarchar(128)	An optional narrative description of the record.	NULL	No	No
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.	NOT NULL	No	No
CREATEDATE	datetime	Date and Time the record was created.	NOT NULL	No	No
ISUSERRECORDABLE	bit	BOOLEAN. Identifies which History Type records are directly recordable by the User in the History grid list. Values are: 0 = not directly recordable 1 = directly recordable  Records which are not directly recordable by the User are generally System History events (such as Sync Sent, Contact deleted, etc.).	NOT NULL	No	No
CLEARTYPENUM	tinyint	Internal-use enumeration. Identifies one of three possible types of History for Clearing purposes: 0 = Other 1 = Completed 2 = Not Completed 3 = Erase  The application framework will enforce the business rule that for each Activity Type, there must be one (only one) Default and Erase History types. The purpose of this attribute/value is to define with absolute knowledge of a 'close' type for any Activity via the SDK	NOT NULL	No	No

ISCUSTOM	bit	Boolean. Represents whether the record has been added by the User. Values: 0 = Not added by the User 1 = Added by the User	NOT NULL	No	No
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.	NULL	No	No
EDITDATE	datetime	Date and Time the record was last edited.	NULL	No	No
HISTORYTYPEGUID	uniqueidentifier	Primary Key.	NOT NULL	Yes	No
ACTIVITYTYPEID	smallint		NULL	No	Yes
ISDEFAULT	bit	BOOLEAN. Identifies if the History Type is the default type for clearing a given Activity. Valid values are: 0 = Not the default 1 = Is the default	NOT NULL	No	No
HISTORYTYPEGROUPID	smallint		NOT NULL	No	Yes

Validation(s) of "CLEARTYPENUM" Column				
Name	Type	Min	Max	Rule
TBL_HISTORYTYPE_-CLEARTYPENUM_CHK	TBL_HISTORYTYPE_-CLEARTYPENUM_CHK			CLEARTYPENUM IN (0, 1, 2, 3)

Index(s) of "TBL_HISTORYTYPE" Table		
Name	Type	Unique
TBL_HISTORYTYPE_PK	PK	Yes
TBL_HISTORYTYPE_AK1	AK1	Yes
TBL_HISTORYTYPE_IF2	IF2	No

**Member(s) of "TBL\_HISTORYTYPE\_PK" Index**

Column
Name
HISTORYTYPEGUID

**Member(s) of "TBL\_HISTORYTYPE\_AK1" Index**

Column
Name
HISTORYTYPEID

**Member(s) of "TBL\_HISTORYTYPE\_IF2" Index**

Column
Name
HISTORYTYPEGROUPID

Table(s) of "TBL_NOTE" Picture Object	
<b>Name</b>	TBL_NOTE
<b>Comment</b>	Contains the Note record which can be associated to one or more of any of the ACT! entities: Contact Group Company Opportunity The NoteText field is RTF-encoded by the Framework.

Column(s) of "TBL_NOTE" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
NOTEID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	No
ISPRIVATE	tinyint	Boolean. Specifies if the record is Public or Private. Values are: 0 = Public 1 = Private. If Private, only the Record Manager may view it. Only the Record Manager can change this value.	NOT NULL	No	No
NOTETEXT	nvarchar(max)	Optional large text field (i.e. memo) to contain the actual body of the Note. A RTF-formatted field value.	NULL	No	No
CREATEDATE	datetime	Date and Time the record was created. This value does not change; for conversion and import (from another ACT! database) this value will be the value of the source record.	NOT NULL	No	No
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.	NULL	No	No
EDITDATE	datetime	Date and Time the record was last edited.	NULL	No	No
DISPLAYDATE	smalldatetime	User Editable; Date and Time displayed for the record. Note: the ability for the User to edit/alter this datetime value * may* be dependent upon a Preference Allow History Editing in the application.	NOT NULL	No	No
NOTETYPEID	smallint	Foreign Key to TBL_NOTETYPE. Identifies the type of Note. *This is currently not an exposed/extensible feature of the application.	NOT NULL	No	Yes
ACCESSORID	uniqueidentifier		NULL	No	Yes

Validation(s) of "ISPRIVATE" Column				
Name	Type	Min	Max	Rule
TBL_NOTE_ISPRIVATE_CHK	TBL_NOTE_ISPRIVATE_CHK			ISPRIVATE IN (0, 1)

Index(s) of "TBL_NOTE" Table		
Name	Type	Unique



TBL_NOTE_PK	PK	Yes
TBL_NOTE_IE1	IE1	No
TBL_NOTE_IF4	IF4	No
TBL_NOTE_IF5	IF5	No
TBL_NOTE_IF6	IF6	No

**Member(s) of "TBL\_NOTE\_PK" Index**

**Column**

**Name**

NOTEID

**Physical Property(s) of "TBL\_NOTE\_PK" Index**

**FILLFACTOR**

75

**Member(s) of "TBL\_NOTE\_IE1" Index**

**Column**

**Name**

ISPRIVATE

**Column**

**Name**

DISPLAYDATE

**Physical Property(s) of "TBL\_NOTE\_IE1" Index**

**FILLFACTOR**

75

**Member(s) of "TBL\_NOTE\_IF4" Index**

**Column**

**Name**

NOTETYPEID

**Physical Property(s) of "TBL\_NOTE\_IF4" Index**

**FILLFACTOR**

75

**Member(s) of "TBL\_NOTE\_IF5" Index**

**Column**

**Name**

ACCESSORID

**Member(s) of "TBL\_NOTE\_IF6" Index**

**Column**

**Name**

ACCESSORID

Table(s) of "TBL_NOTETYPE" Picture Object	
<b>Name</b>	TBL_NOTETYPE
<b>Comment</b>	A characteristic/definition table. Records define both stock and user-defined Note types. *currently not exposed for the application or SDK.

Column(s) of "TBL_NOTETYPE" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
NOTETYPEID	smallint		NOT NULL	No	No
NAME	nvarchar(64)		NOT NULL	No	No
DESCRIPTION	nvarchar(128)		NULL	No	No
ISACTIVE	bit		NOT NULL	No	No
ISCUSTOM	bit	BOOLEAN. Represents whether the record has been added by the User. Values: 0 = Not added by the User 1 = Added by the User	NOT NULL	No	No
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.	NOT NULL	No	No
CREATEDATE	datetime	Date and Time the record was created.	NOT NULL	No	No
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.	NULL	No	No
EDITDATE	datetime	Date and Time the record was last edited.	NULL	No	No
NOTETYPEGUID	uniqueidentifier	Primary Key.	NOT NULL	Yes	No

Index(s) of "TBL_NOTETYPE" Table		
Name	Type	Unique
TBL_NOTETYPE_PK	PK	Yes
TBL_NOTETYPE_AK1	AK1	Yes

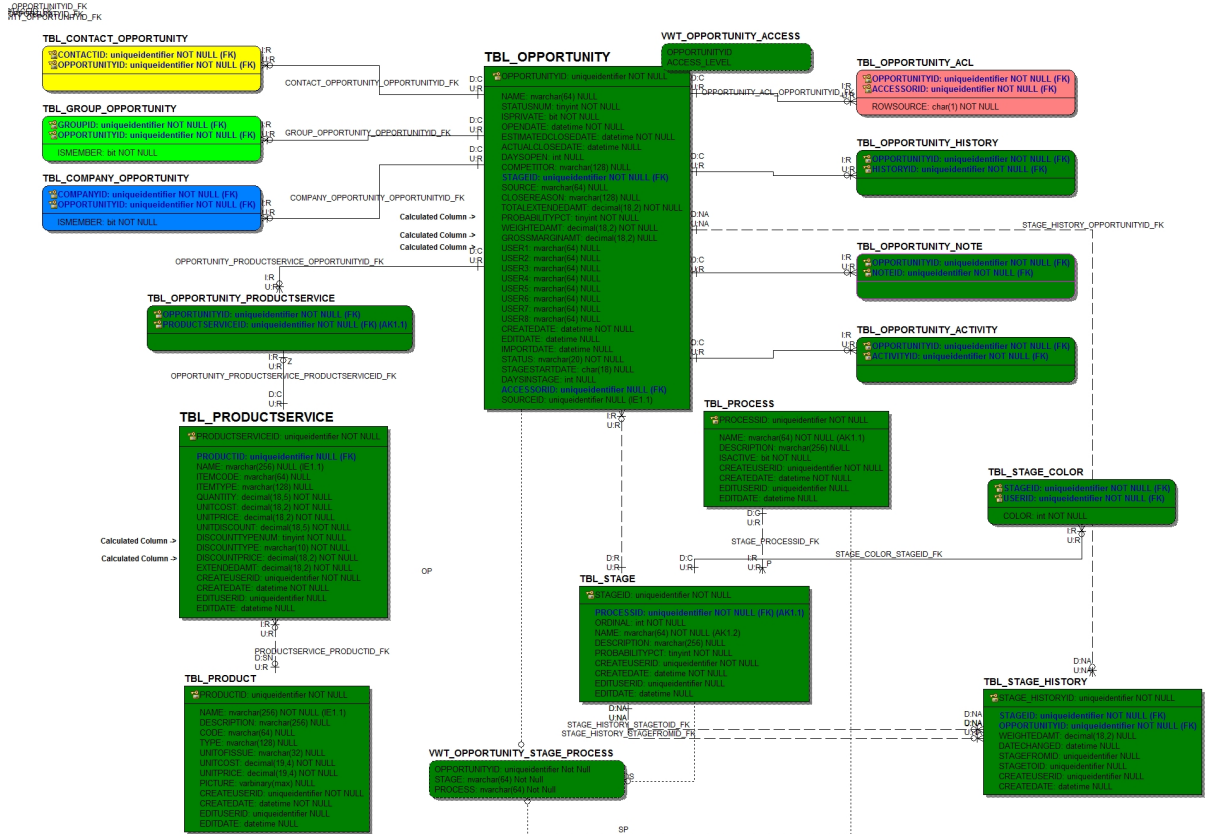
**Member(s) of "TBL\_NOTETYPE\_PK" Index**

Column
Name
NOTETYPEGUID

**Member(s) of "TBL\_NOTETYPE\_AK1" Index**

Column
Name
NOTETYPEID

# OPPORTUNITY / Attributes - Physical



Table(s) of "TBL OPPORTUNITY" Picture Object	
Name	TBL_OPPORTUNITY
Comment	The Opportunity record. Each Opportunity can have zero, one or more Product/Services records associated. The currency field aggregations of the Opportunity's Product/Services records is calculated and stored in the parent Opportunity records.

Column(s) of "TBL_OPPORTUNITY" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
OPPORTUNITYID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	No
NAME	nvarchar(64)	An optional field value to identify the Opportunity.	NULL	No	No
STATUSNUM	tinyint	ENUMERATOR. Identifies the current status or state of the Opportunity. Valid values are: 0 = Open 1 = Closed - Won 2 = Closed - Lost 3 = Inactive	NOT NULL	No	No
ISPRIVATE	bit	Boolean. Specifies if the record is Private to one User or not. Values are: 0 = Not Private 1 = Private If Private, only the Record Manager may view the record. Only the Record Manager, or another user with Manage Others Users [recordtype] can change this value. A Private record will have only one ACL record, and that is for the Record Manager.	NOT NULL	No	No
COMPETITOR	nvarchar(128)	String value for any Competitor to the Opportunity.	NULL	No	No
DAYSOPEN	int	CALCULATED FIELD. Derives the number of days open based upon the OPENDATE and today if Active, otherwise the days between the OPENDATE and ACTUALCLOSEDATE.	NULL	No	No
STAGEID	uniqueidentifier	FOREIGN KEY. References the PRIMARY KEY for the TBL_STAGE record.	NOT NULL	No	Yes
OPENDATE	datetime	User-editable Date and Time the Opportunity was Opened.	NOT NULL	No	No
SOURCE	nvarchar(64)	PICKLIST VALUE. Name or description of the Lead Source, such as magazine or web inquiry, that generated the Opportunity.	NULL	No	No

ESTIMATEDCLOSEDATE	datetime	Required Datetime that the Opportunity is expected or estimated to close.	NOT NULL	No	No
ACTUALCLOSEDATE	datetime	Date and Time the Opportunity was closed whatever the Status (Won, Lost, etc.).	NULL	No	No
PROBABILITYPCT	tinyint	A required percentage value of the probability of the Opportunity closing as Won. Stored as-is, i.e. 100% is stored as 100.00...	NOT NULL	No	No
TOTALEXTENDEDAMT	decimal(18,2)	System Aggregate field. This field represents the total (SUM) of the EXTENDEDAMT field for all associated TBL_PRODUCTS-SERVICE records.	NOT NULL	No	No
WEIGHTEDAMT	decimal(18,2)	CALCULATED FIELD. This field represents the TOTALEXTENDEDAMT field on the record * the PROBABILITYPCT field on this record. For example: TOTALEXTENDEDAMT = 100.00 PROBABILITYPCT = 25.00 (25%) WEIGHTEDAMT = 25.00  This field is not editable/overridable by the User, it's a calculated field	NOT NULL	No	No
CLOSEREASON	nvarchar(128)	PICKLIST VALUE. Identifies the reason for the Opportunity close status.	NULL	No	No
CREATEDATE	datetime	Date and Time the record was created. This value does not change; for conversion and import (from another ACT! database) this value will be the value of the source record	NOT NULL	No	No
USER3	nvarchar(64)	A User-definable field.	NULL	No	No
USER4	nvarchar(64)	A User-definable field.	NULL	No	No
EDITDATE	datetime	Date and Time the record was last edited - either directly or indirectly via the creation or edit of an associated record	NULL	No	No
USER5	nvarchar(64)	A User-definable field.	NULL	No	No
USER1	nvarchar(64)	A User-definable field.	NULL	No	No
USER6	nvarchar(64)	A User-definable field.	NULL	No	No
USER2	nvarchar(64)	A User-definable field.	NULL	No	No

USER7	nvarchar(64)	A User-definable field.	NULL	No	No
USER8	nvarchar(64)	A User-definable field.	NULL	No	No
GROSSMARGINAMT	decimal(18,2)	Represents a value calculated by the Framework code, the difference between the Discounted Price of the Product(s) and their cost. Formula is based upon corresponding records in TBL_OPPORTUNITY_PRODUCT:  ((DISCOUNTPRICE * QUANTITY) - (UNITCOST * QUANTITY))	NULL	No	No
IMPORTDATE	datetime	Optional Date and Time that the record was last Imported and/or Merged via the Import Process/ Task.	NULL	No	No
STATUS	nvarchar(20)		NOT NULL	No	No
STAGESTARTDATE	char(18)		NULL	No	No
DAYSINSTAGE	int	Number of days at the particular stage	NULL	No	No
ACCESSORID	uniqueidentifier		NULL	No	Yes
SOURCEID	uniqueidentifier	No Foreign Key relationships. This field will be used to keep track of the Marketing Campaign that created the Opportunity so we can do reporting back to the number of leads generated by a Campaign and revenue generated.	NULL	No	No

#### Validation(s) of "STATUSNUM" Column

Name	Type	Min	Max	Rule
TBL_OPPORTUNITY_-STATUSNUM_CHK	TBL_OPPORTUNITY_-STATUSNUM_CHK			STATUSNUM IN (0, 1, 2, 3)

#### Validation(s) of "PROBABILITYPCT" Column

Name	Type	Min	Max	Rule
TBL_OPPORTUNITY_-PROBABILITYPCT_CHK	TBL_OPPORTUNITY_-PROBABILITYPCT_CHK	0	100	PROBABILITYPCT BETWEEN 0 AND 100

#### Default(s) of "WEIGHTEDAMT" Column

Name	Default
TBL_OPPORTUNITY_WEIGHTEDAMT_DEF	0

#### Default(s) of "GROSSMARGINAMT" Column

Name	Default
TBL_OPPORTUNITY_GROSSMARGINAMT_DEF	0

#### Index(s) of "TBL\_OPPORTUNITY" Table

Name	Type	Unique
TBL_OPPORTUNITY_PK	PK	Yes
TBL_OPPORTUNITY_IF15	IF15	No
TBL_OPPORTUNITY_IF16	IF16	No
TBL_OPPORTUNITY_IF17	IF17	No
TBL_OPPORTUNITY_IF18	IF18	No
TBL_OPPORTUNITY_IF6	IE1	No

#### Member(s) of "TBL\_OPPORTUNITY\_PK" Index

Column
Name

OPPORTUNITYID
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<b>Physical Property(s) of "TBL_OPPORTUNITY_PK" Index</b>
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<b>FILLFACTOR</b>
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75
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<b>Member(s) of "TBL_OPPORTUNITY_IF15" Index</b>
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<b>Column</b>
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<b>Name</b>
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STAGEID
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<b>Physical Property(s) of "TBL_OPPORTUNITY_IF15" Index</b>
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<b>FILLFACTOR</b>
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75
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<b>Member(s) of "TBL_OPPORTUNITY_IF16" Index</b>
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<b>Column</b>
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<b>Name</b>
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ACCESSORID
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<b>Member(s) of "TBL_OPPORTUNITY_IF17" Index</b>
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<b>Column</b>
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<b>Name</b>
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ACCESSORID
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<b>Member(s) of "TBL_OPPORTUNITY_IF18" Index</b>
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<b>Column</b>
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<b>Name</b>
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ACCESSORID
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<b>Member(s) of "TBL_OPPORTUNITY_IF6" Index</b>
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<b>Column</b>
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<b>Name</b>
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SOURCEID
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<b>Trigger(s) of "TBL_OPPORTUNITY" Table</b>
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<b>Name</b>	<b>Type</b>
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TBL_OPPORTUNITY_TR11	INSERT
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TBL_OPPORTUNITY_TRU1	UPDATE
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Table(s) of "TBL_PRODUCT" Picture Object	
<b>Name</b>	TBL_PRODUCT
<b>Comment</b>	A PRODUCT can be either an actual item which is produced and sold or a service which is provided and sold. A PRODUCT can belong to item groupings which are fields called FAMILY and GROUP. A PRODUCT Price is maintained and represented in the one database-defined currency.

Column(s) of "TBL_PRODUCT" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
PRODUCTID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	No
DESCRIPTION	nvarchar(256)	An optional description for the record.	NULL	No	No
NAME	nvarchar(256)	The Product Name. Note: if the record is used in an Opportunity (picked from the dropdown), this field is mapped into the TBL_OPPORTUNITY_PRODUCT.DESCRIPTION field.	NOT NULL	No	No
CODE	nvarchar(64)		NULL	No	No
TYPE	nvarchar(128)		NULL	No	No
UNITOFISSUE	nvarchar(32)		NULL	No	No
UNITPRICE	decimal(19,4)		NOT NULL	No	No
UNITCOST	decimal(19,4)		NOT NULL	No	No
PICTURE	varbinary(max)	An optional field to store any image data for the Product.	NULL	No	No
CREATEDATE	datetime	Date and Time the record was created.	NOT NULL	No	No
EDITDATE	datetime	Date and Time the record was last edited.	NULL	No	No
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.	NOT NULL	No	No
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.	NULL	No	No

Index(s) of "TBL_PRODUCT" Table		
Name	Type	Unique
TBL_PRODUCT_PK	PK	Yes
TBL_PRODUCT_IE1	IE1	No

**Member(s) of "TBL\_PRODUCT\_PK" Index**

Column
<b>Name</b>
PRODUCTID

**Member(s) of "TBL\_PRODUCT\_IE1" Index**

Column
<b>Name</b>
NAME



Table(s) of "TBL_PRODUCTSERVICE" Picture Object	
Name	TBL_PRODUCTSERVICE
Comment	A one-to-many table for listing the PRODUCT line items for each OPPORTUNITY. Each Opportunity can have zero, one or more Products. The aggregation of these records are stored in its parent TBL_OPPORTUNITY record.

Column(s) of "TBL_PRODUCTSERVICE" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
PRODUCTSERV-CEID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	No
PRODUCTID	uniqueidentifier	Optional FOREIGN KEY to TBL_PRODUCT. When not null, the value must exist in the TBL_PRODUCT table. A null value represents a record which did not originate from the Product List.	NULL	No	Yes
QUANTITY	decimal(18,5)	Quantity of the Product or Service.	NOT NULL	No	No
NAME	nvarchar(256)	Referred to as the Product or Service (Name) in the application. Dropdown value from the master Product List (TBL_PRODUCT).	NULL	No	No
UNITCOST	decimal(18,2)	Cost per each for the Product or Service.	NOT NULL	No	No
UNITDISCOUNT	decimal(18,5)	Decimal value representing the discount value expressed either as a percentage or current amount. To determine if this value is a percentage or amount, reference the DISCOUNTTY-PENUM value.  Valid percentage values are stored as decimals with 1.0 representing 100%. Valid amounts values are actual.	NOT NULL	No	No
ITEMCODE	nvarchar(64)	Dropdown value from the master Product List (TBL_PRODUCT).	NULL	No	No
DISCOUNTTY-PENUM	tinyint	Enumerator. Required to determine whether the UNITDISCOUNT value represents a percentage or currency amount. Valid values are: 0 = Percentage (%) 1 = Amount (\$)	NOT NULL	No	No
UNITPRICE	decimal(18,2)	Consumer Price of the Product or Service.	NOT NULL	No	No
ITEMTYPE	nvarchar(128)	Optional field to describe or categorize the Product or Service.	NULL	No	No
DISCOUNTPRICE	decimal(18,2)	A field which represents the Discounted Price of the Product per item. It is calculated by the application framework as either:	NOT NULL	No	No

		- UNITCOST - UNITDISCOUNT if discount is an amount - UNITCOST * (100-UNITDISCO- UNT) if discount is a percentage			
EXTENDEDAMT	decimal(18,2)	Field is calculated by the application framework. The calculation is: QUANTITY * DISCOUNTPRICE  The total sum of this field is aggregated to it's parent OPPORTUNITY record in the TOTALEXTENDE- DAMT field.	NOT NULL	No	No
CREATEDATE	datetime	Date and Time the record was created.	NOT NULL	No	No
EDITDATE	datetime		NULL	No	No
CREATEUSERID	uniqueidentifier		NOT NULL	No	No
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.	NULL	No	No
DISCOUNTTYPE	nvarchar(10)		NOT NULL	No	No

#### Default(s) of "DISCOUNTTYPENUM" Column

Name	Default
TBL_PRODUCTSERVICE_DISCOUNTTYPENUM_DEF	0

#### Validation(s) of "DISCOUNTTYPENUM" Column

Name	Type	Min	Max	Rule
TBL_PRODUCTSERVICE_DISCOUNTTYPENUM_CHK	TBL_PRODUCTSERVICE_DISCOUNTTYPENUM_CHK			DISCOUNTTYPENUM IN (0, 1)

#### Index(s) of "TBL\_PRODUCTSERVICE" Table

Name	Type	Unique
TBL_PRODUCTSERVICE_PK	PK	Yes
TBL_PRODUCTSERVICE_IE1	IE1	No
TBL_PRODUCTSERVICE_IF7	IF7	No

#### Member(s) of "TBL\_PRODUCTSERVICE\_PK" Index

##### Column

Name
PRODUCTSERVICEID

#### Physical Property(s) of "TBL\_PRODUCTSERVICE\_PK" Index

FILLFACTOR
75

#### Member(s) of "TBL\_PRODUCTSERVICE\_IE1" Index

##### Column

Name
NAME

#### Physical Property(s) of "TBL\_PRODUCTSERVICE\_IE1" Index

FILLFACTOR
75

#### Member(s) of "TBL\_PRODUCTSERVICE\_IF7" Index

##### Column

Name

PRODUCTID
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<b>Physical Property(s) of "TBL_PRODUCTSERVICE_IF7" Index</b>
<b>FILLFACTOR</b>
75

<b>Trigger(s) of "TBL_PRODUCTSERVICE" Table</b>	
<b>Name</b>	<b>Type</b>
TBL_PRODUCTSERVICE_TRU1	UPDATE

Table(s) of "TBL_STAGE" Picture Object	
<b>Name</b>	TBL_STAGE
<b>Comment</b>	A characteristic/definition table. Records define both stock and user-defined Stages for use in Opportunities. A child table to and further defines the Opportunity Processes.

Column(s) of "TBL_STAGE" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
STAGEID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	No
PROCESSID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Process record.	NOT NULL	No	Yes
ORDINAL	int	The sequence value for the Stage with the Process (i.e. step #).	NOT NULL	No	No
NAME	nvarchar(64)	The unique Stage Name for the Process.	NOT NULL	No	No
DESCRIPTION	nvarchar(256)		NULL	No	No
PROBABILITYPCT	tinyint		NOT NULL	No	No
CREATEDATE	datetime	Date and Time the record was created.	NOT NULL	No	No
EDITDATE	datetime		NULL	No	No
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.	NOT NULL	No	No
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.	NULL	No	No

Validation(s) of "PROBABILITYPCT" Column				
Name	Type	Min	Max	Rule
TBL_STAGE_PROBABILITYPCT_CHK	TBL_STAGE_PROBABILITYPCT_CHK	0	100	PROBABILITYPCT BETWEEN 0 AND 100

Index(s) of "TBL_STAGE" Table		
Name	Type	Unique
TBL_STAGE_PK	PK	Yes
TBL_STAGE_AK1	AK1	Yes

**Member(s) of "TBL\_STAGE\_PK" Index**

Column
<b>Name</b>
STAGEID

**Member(s) of "TBL\_STAGE\_AK1" Index**

Column
<b>Name</b>
PROCESSID

Column
<b>Name</b>
NAME

Table(s) of "TBL_PROCESS" Picture Object	
<b>Name</b>	TBL_PROCESS
<b>Comment</b>	A characteristic/definition table. Records define both stock and user-defined Processes for Opportunities. Each Process can have one or more Stages.

Column(s) of "TBL_PROCESS" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
PROCESSID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	No
NAME	nvarchar(64)	The unique Process name.	NOT NULL	No	No
DESCRIPTION	nvarchar(256)	An optional descriptive text.	NULL	No	No
ISACTIVE	bit	BOOLEAN. Values: 0 - Not Active 1 - Active Inactive records are not available for selection or new assignment to other records.	NOT NULL	No	No
CREATEDATE	datetime	Date and Time the record was created.	NOT NULL	No	No
EDITDATE	datetime		NULL	No	No
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.	NOT NULL	No	No
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.	NULL	No	No

Index(s) of "TBL_PROCESS" Table		
Name	Type	Unique
TBL_PROCESS_PK	PK	Yes
TBL_PROCESS_AK1	AK1	Yes

**Member(s) of "TBL\_PROCESS\_PK" Index**

Column
Name
PROCESSID

**Member(s) of "TBL\_PROCESS\_AK1" Index**

Column
Name
NAME

**Table(s) of "TBL OPPORTUNITY NOTE" Picture Object**

<b>Name</b>	TBL_OPPORTUNITY_NOTE
<b>Comment</b>	An associative table relating one or more OPPORTUNITY records with one or more NOTE records.

**Column(s) of "TBL OPPORTUNITY NOTE" Table**

Name	Datatype	Comment	Null Option	Is PK	Is FK
OPPORTUNITYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Opportunity record.	NOT NULL	Yes	Yes
NOTEID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Note record.	NOT NULL	Yes	Yes

**Index(s) of "TBL OPPORTUNITY NOTE" Table**

Name	Type	Unique
TBL_OPPORTUNITY_NOTE_PK	PK	Yes
TBL_OPPORTUNITY_NOTE_IF39	IF39	No

**Member(s) of "TBL\_OPPORTUNITY\_NOTE\_PK" Index****Column**

Name
OPPORTUNITYID

**Column**

Name
NOTEID

**Member(s) of "TBL\_OPPORTUNITY\_NOTE\_IF39" Index****Column**

Name
NOTEID

**Table(s) of "TBL OPPORTUNITY HISTORY" Picture Object**

<b>Name</b>	TBL_OPPORTUNITY_HISTORY
<b>Comment</b>	An associative table relating one or more OPPORTUNITY records with one or more HISTORY records.

**Column(s) of "TBL OPPORTUNITY HISTORY" Table**

<b>Name</b>	<b>Datatype</b>	<b>Comment</b>	<b>Null Option</b>	<b>Is PK</b>	<b>Is FK</b>
OPPORTUNITYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Opportunity record.	NOT NULL	Yes	Yes
HISTORYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the History record.	NOT NULL	Yes	Yes

**Index(s) of "TBL OPPORTUNITY HISTORY" Table**

<b>Name</b>	<b>Type</b>	<b>Unique</b>
TBL_OPPORTUNITY_HISTORY_PK	PK	Yes

**Member(s) of "TBL\_OPPORTUNITY\_HISTORY\_PK" Index****Column**

<b>Name</b>
OPPORTUNITYID

**Column**

<b>Name</b>
HISTORYID

Table(s) of "TBL_CONTACT_OPPORTUNITY" Picture Object	
Name	TBL_CONTACT_OPPORTUNITY
Comment	

Column(s) of "TBL_CONTACT_OPPORTUNITY" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
CONTACTID	uniqueidentifier	Primary Key.	NOT NULL	Yes	Yes
OPPORTUNITYID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	Yes

Index(s) of "TBL_CONTACT_OPPORTUNITY" Table		
Name	Type	Unique
TBL_CONTACT_OPPORTUNITY_PK	PK	Yes

**Member(s) of "TBL\_CONTACT\_OPPORTUNITY\_PK" Index**

Column
Name
CONTACTID

Column
Name
OPPORTUNITYID



Table(s) of "TBL OPPORTUNITY ACTIVITY" Picture Object	
<b>Name</b>	TBL_OPPORTUNITY_ACTIVITY
<b>Comment</b>	An associative table relating one or more OPPORTUNITY records with one or more ACTIVITY records.

Column(s) of "TBL OPPORTUNITY ACTIVITY" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
OPPORTUNITYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Opportunity record.	NOT NULL	Yes	Yes
ACTIVITYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Activity record.	NOT NULL	Yes	Yes

Index(s) of "TBL OPPORTUNITY ACTIVITY" Table		
Name	Type	Unique
TBL_OPPORTUNITY_ACTIVITY_PK	PK	Yes
TBL_OPPORTUNITY_ACTIVITY_IF2	IF2	No

**Member(s) of "TBL\_OPPORTUNITY\_ACTIVITY\_PK" Index**

Column
Name
OPPORTUNITYID

Column
Name
ACTIVITYID

**Member(s) of "TBL\_OPPORTUNITY\_ACTIVITY\_IF2" Index**

Column
Name
ACTIVITYID

Table(s) of "TBL_GROUP_OPPORTUNITY" Picture Object	
<b>Name</b>	TBL_GROUP_OPPORTUNITY
<b>Comment</b>	An associative table relating one or more GROUP records with one or more OPPORTUNITY records.

Column(s) of "TBL_GROUP_OPPORTUNITY" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
GROUPID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Group record	NOT NULL	Yes	Yes
OPPORTUNITYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Opportunity record.	NOT NULL	Yes	Yes
ISMEMBER	bit	BOOLEAN. Determines if the Opportunity is associated with the GROUP as a Member or just associated on the fly. Values: 0 = Not a Group Member 1 = Is a Group Member A Contact for which an Opportunity is a Member also appears in the Contact members list (on the fly).	NOT NULL	No	No

Default(s) of "ISMEMBER" Column	
Name	Default
TBL_GROUP_OPPORTUNITY_ISMEMBER_DEF	0

Index(s) of "TBL_GROUP_OPPORTUNITY" Table		
Name	Type	Unique
TBL_GROUP_OPPORTUNITY_PK	PK	Yes

**Member(s) of "TBL\_GROUP\_OPPORTUNITY\_PK" Index**

Column
Name
GROUPID

Column
Name
OPPORTUNITYID

Physical Property(s) of "TBL_GROUP_OPPORTUNITY_PK" Index
FILLFACTOR
75

Table(s) of "TBL_COMPANY OPPORTUNITY" Picture Object	
<b>Name</b>	TBL_COMPANY OPPORTUNITY
<b>Comment</b>	An associative table relating one or more COMPANY records with one or more OPPORTUNITY records.

Column(s) of "TBL_COMPANY OPPORTUNITY" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
COMPANYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Company record.	NOT NULL	Yes	Yes
OPPORTUNITYID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Opportunity record.	NOT NULL	Yes	Yes
ISMEMBER	bit	BOOLEAN. Determines if the Opportunity is associated with the COMPANY as a Member or just associated on the fly. Values: 0 = Not a Company Member 1 = Is a Company Member A Contact for which an Opportunity is a Member also appears in the Contact members list (on the fly).	NOT NULL	No	No

Default(s) of "ISMEMBER" Column	
Name	Default
TBL_COMPANY OPPORTUNITY_ISMEMBER_DEF	0

Index(s) of "TBL_COMPANY OPPORTUNITY" Table		
Name	Type	Unique
TBL_COMPANY OPPORTUNITY_PK	PK	Yes

**Member(s) of "TBL\_COMPANY OPPORTUNITY\_PK" Index**

Column
Name
COMPANYID

Column
Name
OPPORTUNITYID

Table(s) of "TBL OPPORTUNITY_ACL" Picture Object	
<b>Name</b>	TBL_OPPORTUNITY_ACL
<b>Comment</b>	An associative table relating one or more OPPORTUNITY records with one or more ACCESSOR records. This Access Control List serves as the primary table for securing Opportunity queries.

Column(s) of "TBL OPPORTUNITY_ACL" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
OPPORTUNITYID	uniqueidentifier	FOREIGN KEY to TBL_OPPORTUNITY.	NOT NULL	Yes	Yes
ROWSOURCE	char(1)	SYSTEM FIELD. Used to optimize Synchronization (if enabled). Identifies whether the record was inserted by: A - the Application T - a Trigger Trigger-inserted records are not Sync'd	NOT NULL	No	No
ACCESSORID	uniqueidentifier		NOT NULL	Yes	Yes

Default(s) of "ROWSOURCE" Column	
Name	Default
TBL_OPPORTUNITY_ACL_ROWSOURCE_DEF	'A'

Validation(s) of "ROWSOURCE" Column				
Name	Type	Min	Max	Rule
TBL_OPPORTUNITY_ACL_ROWSOURCE_CHK	TBL_OPPORTUNITY_ACL_ROWSOURCE_CHK			ROWSOURCE IN ('A', 'T')

Index(s) of "TBL OPPORTUNITY_ACL" Table		
Name	Type	Unique
TBL_OPPORTUNITY_ACL_PK	PK	Yes
TBL_OPPORTUNITY_ACL_IF2	IF2	No

**Member(s) of "TBL OPPORTUNITY\_ACL\_PK" Index**

Column
Name
OPPORTUNITYID

Column
Name
ACCESSORID

**Member(s) of "TBL OPPORTUNITY\_ACL\_IF2" Index**

Column
Name
ACCESSORID

Table(s) of "TBL OPPORTUNITY_PRODUCTSERVICE" Picture Object	
<b>Name</b>	TBL_OPPORTUNITY_PRODUCTSERVICE
<b>Comment</b>	An association table identifying the ProductServices (TBL_PRODUCTSERVICE) to its parent Opportunity (TBL_OPPORTUNITY) record.

Column(s) of "TBL OPPORTUNITY_PRODUCTSERVICE" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
OPPORTUNITYID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	Yes
PRODUCTSERVICEID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	Yes

Index(s) of "TBL OPPORTUNITY_PRODUCTSERVICE" Table		
Name	Type	Unique
TBL_OPPORTUNITY_PRODUCTSERVICE_PK	PK	Yes
TBL_OPPORTUNITY_PRODUCTSERVICE_AK1	AK1	Yes

**Member(s) of "TBL\_OPPORTUNITY\_PRODUCTSERVICE\_PK" Index**

Column
Name
OPPORTUNITYID

Column
Name
PRODUCTSERVICEID

**Member(s) of "TBL\_OPPORTUNITY\_PRODUCTSERVICE\_AK1" Index**

Column
Name
PRODUCTSERVICEID

Trigger(s) of "TBL_OPPORTUNITY_PRODUCTSERVICE" Table	
Name	Type
TBL_OPPORTUNITY_PRODUCTSERVICE_TRD1	DELETE
TBL_OPPORTUNITY_PRODUCTSERVICE_TRI1	INSERT

**Table(s) of "TBL\_STAGE\_COLOR" Picture Object**

<b>Name</b>	TBL_STAGE_COLOR
<b>Comment</b>	Contains any User-specified color setting for an Opportunity Stage.

**Column(s) of "TBL\_STAGE\_COLOR" Table**

Name	Datatype	Comment	Null Option	Is PK	Is FK
STAGEID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Stage record	NOT NULL	Yes	Yes
COLOR	int	An integer value representing the chosen color.	NOT NULL	No	No
USERID	uniqueidentifier		NOT NULL	Yes	Yes

**Index(s) of "TBL\_STAGE\_COLOR" Table**

Name	Type	Unique
TBL_STAGE_COLOR_PK	PK	Yes
TBL_STAGE_COLOR_IF3	IF3	No

**Member(s) of "TBL\_STAGE\_COLOR\_PK" Index****Column**

Name
STAGEID

**Column**

Name
USERID

**Member(s) of "TBL\_STAGE\_COLOR\_IF3" Index****Column**

Name
USERID

**Table(s) of "TBL\_STAGE\_HISTORY" Picture Object**

<b>Name</b>	TBL_STAGE_HISTORY
<b>Comment</b>	Time-dimension table to track the historical changes of the Opportunity Stage over time.

**Column(s) of "TBL\_STAGE\_HISTORY" Table**

Name	Datatype	Comment	Null Option	Is PK	Is FK
STAGE_HISTORYID	uniqueidentifier	Primary Key	NOT NULL	Yes	No
WEIGHTEDAMT	decimal(18,2)		NULL	No	No
DATECHANGED	datetime		NULL	No	No
OPPORTUNITYID	uniqueidentifier	Foreign key	NOT NULL	No	Yes
STAGEFROMID	uniqueidentifier		NULL	No	No
STAGETOID	uniqueidentifier		NULL	No	No
CREATEUSERID	uniqueidentifier		NULL	No	No
CREATEDATE	datetime		NULL	No	No
STAGEID	uniqueidentifier	Foreign Key	NOT NULL	No	Yes

**Index(s) of "TBL\_STAGE\_HISTORY" Table**

Name	Type	Unique
TBL_STAGE_HISTORY_PK	PK	Yes
TBL_STAGE_HISTORY_IF1	IF1	No
TBL_STAGE_HISTORY_IF2	IF2	No
TBL_STAGE_HISTORY_IF3	IF3	No

**Member(s) of "TBL\_STAGE\_HISTORY\_PK" Index****Column****Name**

STAGE\_HISTORYID

**Member(s) of "TBL\_STAGE\_HISTORY\_IF1" Index****Column****Name**

OPPORTUNITYID

**Member(s) of "TBL\_STAGE\_HISTORY\_IF2" Index****Column****Name**

STAGEID

**Member(s) of "TBL\_STAGE\_HISTORY\_IF3" Index****Column****Name**

STAGEID





**Table(s) of "TBL\_SYNCDB" Picture Object**

<b>Name</b>	TBL_SYNCDB
<b>Comment</b>	Identifies the Remote Sync databases in the current Sync "family". Contains entries for both desktop, handheld devices (Palm, PocketPC) and Backoffice Links (ERP systems). Each record is represented locally by table CTL_SYNCDB.

**Column(s) of "TBL\_SYNCDB" Table**

<b>Name</b>	<b>Datatype</b>	<b>Comment</b>	<b>Null Option</b>	<b>Is PK</b>	<b>Is FK</b>
SYNCDBGUID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	No
PUB_SYNCDBGUID	uniqueidentifier	Applicable for all sync databases except the highest Publisher (master) database. Indicates the remote/Subscriber database's Publisher (i.e. its parent).	NULL	No	Yes
DATABASENAME	nvarchar(196)	Physical name of the Child Database that is created. For a handheld Device, this is a four-part name that is constructed as: ACT_USERID. APP_NAME. DEVICE_SERIAL-NUMBER. PARENT_SYNCDBGUID	NOT NULL	No	No
SYNC_SERVER_MACHINE_NAME	nvarchar(64)	Contains the physical name of the machine which is running the Sync Server component. In many cases this may be the same as the Servername of the machine running/hosting the database. Used in conjunction with SYNC_SERVER_PORT.	NULL	No	No
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.	NOT NULL	No	No
STATUSNUM	tinyint	Tinyint Enumerator. Identifies the current status of the Subscriber to the Publisher. Valid values are: 0 = Active 1 = Disabled with Last Sync 2 = Suspended 3 = Active Re-Snapshot 9 = Disabled with No Last Sync	NOT NULL	No	No

CONFLICTRULE1	tinyint		NOT NULL	No	No
CREATEDATE	datetime	Datetime that the Remote Database was last re-created or re-snapshot. Unlike the ORIG_CREATEDATE, this value can change.	NOT NULL	No	No
CONFLICTRULE2	tinyint		NOT NULL	No	No
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.	NULL	No	No
EXPIREDAYS	smallint	The number of days that the remote/subscriber database is to expire, or stop syncing. The number of days is counted from the LAST_SNAPSHOT datetime value for the database (in table CTL_SYNCDBMAPINFO).	NOT NULL	No	No
EDITDATE	datetime	Date and Time the record was last edited.	NULL	No	No
ISSUPPFILESYNC	bit	Boolean. Determines if the Shared Datastore files (including Layouts, Templates, etc.) should sync or not.	NOT NULL	No	No
SYNCSETID	uniqueidentifier	FOREIGN KEY to TBL_SYNCSET. Identifies the Syncset containing the content and remote user definitions (i.e. the WHO and the WHAT) to sync.	NULL	No	Yes
SYNC_SERVER_PORT	int	Optional field to identify the Sync Server Port number. Used when installing the service. Used in conjunction with SYNC_SERVER_MACHINE_NAME.	NULL	No	No
ISATTACHSYNC	bit	Boolean. Determines whether the Sync database is configured to also sync the File Attachments for various records such as Notes, Histories, Activities and Library Documents.	NOT NULL	No	No
SERVERNAME	nvarchar(64)	The physical servername of the database engine. This value is obtained and maintained in and by the local CTL_DBCONFIG table and Triggers.	NOT NULL	No	No

MAXATTACHBYTES	int	The maximum file size, in bytes, that will be included for attachments when Syncing	NOT NULL	No	No
DATABASEID	uniqueidentifier	GUID. Represents the global database id for the Syncing database. This value is initialized upon initial Sync Child Database creation (the initial Snapshot) and is reset/changed upon subsequent Snapshot (re-Snapshot).	NOT NULL	No	No
DEVICE_SERIAL- NUM	nvarchar(64)	Optional, applicable only to Device-type databases (handhelds). A secondary identification method used in the Sync API.	NULL	No	No
WEB_SERVER_A- DDRESS	nvarchar(256)	Optional. WEB Address, in the form of a URL, for outside of the firewall Sync.	NULL	No	No
ORIG_CREATEDATE	datetime	The original, very first datetime that the Remote Database record was created. This value never changes - the CREATEDATE can change and reflects the last datetime that the Remote Database was re-created or re-snapshot.	NOT NULL	No	No
ISINCLUDEATTACH	bit	Boolean. Identifies if the Sync database has been configured (during creation) to include/package Attachments.	NOT NULL	No	No
ISEXPIRED	bit	Boolean. Identifies if the database is Expired or not. Expired is defined by it's EXPIREDAYS value relative to it's LAST_SUCCESS-DATE. Valid values: 0 = False, not Expired 1 = True, Expired	NOT NULL	No	No
EXPIREACTION	tinyint	Enumerator. Identifies the default action to take on the database upon Expiration (when ISEXPIRED becomes True/1). Valid values correspond to the STATUSNUM values: 0 = Active 1 = Disabled with Last Sync 2 = Suspended 9 = Disabled with No Last Sync	NOT NULL	No	No

TYPENUM	tinyint	Foreign Keyed in TBL_SYNCDB.	NOT NULL	No	Yes
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#### Validation(s) of "STATUSNUM" Column

Name	Type	Min	Max	Rule
TBL_SYNCDB_STAT- USNUM_CHK	TBL_SYNCDB_STAT- USNUM_CHK			STATUSNUM IN (0, 1, 2, 3, 9)

#### Default(s) of "CONFLICTRULE1" Column

Name	Default
TBL_SYNCDB_CONFLICTRULE1_DEF	1

#### Validation(s) of "CONFLICTRULE1" Column

Name	Type	Min	Max	Rule
TBL_SYNCDB_CONF- LICTRULE1_CHK	TBL_SYNCDB_CONF- LICTRULE1_CHK			CONFLICTRULE1 IN (0, 1, 2, 3)

#### Default(s) of "CONFLICTRULE2" Column

Name	Default
TBL_SYNCDB_CONFLICTRULE2_DEF	2

#### Validation(s) of "CONFLICTRULE2" Column

Name	Type	Min	Max	Rule
TBL_SYNCDB_CONF- LICTRULE2_CHK	TBL_SYNCDB_CONF- LICTRULE2_CHK			CONFLICTRULE2 IN (0, 1, 2, 3)

#### Default(s) of "EXPIREDAYS" Column

Name	Default
TBL_SYNCDB_EXPIREDAYS_DEF	30

#### Validation(s) of "EXPIREDAYS" Column

Name	Type	Min	Max	Rule
TBL_SYNCDB_EXPIR- EDAYS_CHK	TBL_SYNCDB_EXPIR- EDAYS_CHK	2	365	EXPIREDAYS BETWEEN 2 AND 365

#### Default(s) of "ISINCLUDEATTACH" Column

Name	Default
TBL_SYNCDB_ISINCLUDEATTACH_DEF	1

#### Default(s) of "ISEXPIRED" Column

Name	Default
TBL_SYNCDB_ISEXPIRED_DEF	0

#### Default(s) of "EXPIREACTION" Column

Name	Default
TBL_SYNCDB_EXPIREACTION_DEF	0

#### Validation(s) of "EXPIREACTION" Column

Name	Type	Min	Max	Rule
TBL_SYNCDB_EXPIR- EACTION_CHK	TBL_SYNCDB_EXPIR- EACTION_CHK			EXPIREACTION IN (0, 1, 2, 9)

#### Index(s) of "TBL\_SYNCDB" Table

Name	Type	Unique
TBL_SYNCDB_PK	PK	Yes
TBL_SYNCDB_AK2	AK2	Yes
TBL_SYNCDB_AK3	AK3	Yes
TBL_SYNCDB_IE1	IE1	No
TBL_SYNCDB_IF1	IF1	No
TBL_SYNCDB_IF2	IF2	No
TBL_SYNCDB_IF3	IF3	No

#### Member(s) of "TBL\_SYNCDB\_PK" Index

Column
Name

SYNCDBGUID
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<b>Member(s) of "TBL_SYNCDB_AK2" Index</b>
--

<b>Column</b>
---------------

<b>Name</b>
-------------

DATABASENAME
--------------

<b>Member(s) of "TBL_SYNCDB_AK3" Index</b>
--

<b>Column</b>
---------------

<b>Name</b>
-------------

DATABASEID
------------

<b>Member(s) of "TBL_SYNCDB_IE1" Index</b>
--

<b>Column</b>
---------------

<b>Name</b>
-------------

STATUSNUM
-----------

<b>Member(s) of "TBL_SYNCDB_IF1" Index</b>
--

<b>Column</b>
---------------

<b>Name</b>
-------------

SYNCSETID
-----------

<b>Member(s) of "TBL_SYNCDB_IF2" Index</b>
--

<b>Column</b>
---------------

<b>Name</b>
-------------

PUB_SYNCDBGUID
----------------

<b>Member(s) of "TBL_SYNCDB_IF3" Index</b>
--

<b>Column</b>
---------------

<b>Name</b>
-------------

TYPENUM
---------

<b>Trigger(s) of "TBL_SYNCDB" Table</b>
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<b>Name</b>	<b>Type</b>
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TBL_SYNCDB_TRI1	INSERT
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TBL_SYNCDB_TRD1	DELETE
-----------------	--------

Table(s) of "CTL_SYNCDBMAP" Picture Object	
<b>Name</b>	CTL_SYNCDBMAP
<b>Comment</b>	A non-syncing local table. Defines the Syncing database "pairs" for any locally-associated records (the current database, the Parent database, any direct Remotes of the current database).

Column(s) of "CTL_SYNCDBMAP" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
SYNCDBMAPID	smallint	Primary Key.	IDENTITY	Yes	No
PUBDBID	smallint	The Publisher ID (SYNCDBID) value.	NOT NULL	No	No
SUBDBID	smallint	The Subscriber ID (SYNCDBID) value.	NOT NULL	No	No

Index(s) of "CTL_SYNCDBMAP" Table		
Name	Type	Unique
CTL_SYNCDBMAP_PK	PK	Yes
CTL_SYNCDBMAP_AK2	AK2	Yes

**Member(s) of "CTL\_SYNCDBMAP\_PK" Index**

Column
Name
SYNCDBMAPID

**Member(s) of "CTL\_SYNCDBMAP\_AK2" Index**

Column
Name
PUBDBID

Column
Name
SUBDBID

Table(s) of "TBL_SYNCSET" Picture Object	
Name	TBL_SYNCSET
Comment	The table defines the SyncSet. Has a supporting child table for dynamic queries TBL_SYNCSETQUERY. Contact subscription can be either static (via the Subscription List), dynamic or both.

Column(s) of "TBL_SYNCSET" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
SYNCSETID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	No
NAME	nvarchar(312)	Unique Constraint. Name of the Syncset. For Handheld Devices, this name will be system-generated.	NOT NULL	No	No
DESCRIPTION	nvarchar(256)	Optional narrative text to describe the Syncset.	NULL	No	No
ISALLUSERSYNC	bit		NOT NULL	No	No
CONTACTQUERYTEXT	nvarchar(max)	Stores the query text for dynamic Sync Criteria if the user chooses. This is the actual SQL syntax to pass into the WHERE clause for query execution. This is a shadowed and de-normalized attribute made up of records (if any) from the SYNCSETQUERY table.  *This construct for storing the query string mirrors that of how it's done for GROUP	NULL	No	No
CREATEUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. This value represents the original creator of the record.	NOT NULL	No	No
TYPENUM	tinyint	PRIMARY KEY.	NOT NULL	No	Yes
CREATEDATE	datetime	Date and Time the record was created.	NOT NULL	No	No
EDITUSERID	uniqueidentifier	FOREIGN KEY to TBL_ACCESSOR. Represents the last User to edit/modify this record or an associated record.	NULL	No	No
EDITDATE	datetime	Date and Time the record was last edited.	NULL	No	No
MANAGEUSERID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Accessor record. Populated only for Device Syncsets.	NULL	No	No
QUERYVERSIONID	uniqueidentifier	SYSTEM Field (GUID). A unique id generated each time a record's query Criteria has been added, changed or removed. This id is used to verify/validate it's child TBL_XXXXXQUERY records which comprise the QUERYTEXT field in this table.	NOT NULL	No	No

Default(s) of "ISALLUSERSYNC" Column	
Name	Default

TBL_SYNCSET_ISALLUSERSYNC_DEF	0
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**Default(s) of "TYPENUM" Column**

Name	Default
TBL_SYNCSET_TYPENUM_DEF	0

**Index(s) of "TBL\_SYNCSET" Table**

Name	Type	Unique
TBL_SYNCSET_PK	PK	Yes
TBL_SYNCSET_AK1	AK1	Yes
TBL_SYNCSET_IF1	IF1	No

**Member(s) of "TBL\_SYNCSET\_PK" Index**

**Column**

Name
SYNCSETID

**Member(s) of "TBL\_SYNCSET\_AK1" Index**

**Column**

Name
NAME

**Member(s) of "TBL\_SYNCSET\_IF1" Index**

**Column**

Name
TYPENUM



Table(s) of "TBL_SYNCSET_ACCESSOR" Picture Object	
<b>Name</b>	TBL_SYNCSET_ACCESSOR
<b>Comment</b>	Contains the Accessors (Users) specified in the SyncSet definition. This table will contain records if one or more specific Users have been specified, otherwise, if "All Users" has been selected this table will contain no records for that SyncSet.

Column(s) of "TBL_SYNCSET_ACCESSOR" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
SYNCSETID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the SyncSet record.	NOT NULL	Yes	Yes
CREATEUSERID	uniqueidentifier		NOT NULL	No	No
CREATEDATE	datetime	Date and Time the record was created.	NOT NULL	No	No
ACCESSORID	uniqueidentifier		NOT NULL	Yes	Yes

Index(s) of "TBL_SYNCSET_ACCESSOR" Table		
Name	Type	Unique
TBL_SYNCSET_ACCESSOR_PK	PK	Yes
TBL_SYNCSET_ACCESSOR_IF2	IF2	No

**Member(s) of "TBL\_SYNCSET\_ACCESSOR\_PK" Index**

Column
Name
SYNCSETID

Column
Name
ACCESSORID

Physical Property(s) of "TBL_SYNCSET_ACCESSOR_PK" Index
FILLFACTOR
75

**Member(s) of "TBL\_SYNCSET\_ACCESSOR\_IF2" Index**

Column
Name
ACCESSORID

Table(s) of "CTL_SYNCCOLUMN" Picture Object	
<b>Name</b>	CTL_SYNCCOLUMN
<b>Comment</b>	A non-syncing local table. Identifies the local ids (LUIDS) for Columns in the database; provides a small, unique surrogate for the COLUMNID guid in TBL_SYSCOLUMN. Used to support Sync.

Column(s) of "CTL_SYNCCOLUMN" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
COLUMNID	uniqueidentifier	FOREIGN KEY to TBL_SYSCOLUMN.	NOT NULL	No	Yes
COLUMNLUID	smallint	PRIMARY KEY. The local id of the column in this database.	IDENTITY	Yes	No

Index(s) of "CTL_SYNCCOLUMN" Table		
Name	Type	Unique
CTL_SYNCCOLUMN_PK	PK	Yes
CTL_SYNCCOLUMN_AK1	AK1	Yes

**Member(s) of "CTL\_SYNCCOLUMN\_PK" Index**

Column
Name
COLUMNLUID

**Member(s) of "CTL\_SYNCCOLUMN\_AK1" Index**

Column
Name
COLUMNID

Table(s) of "CTL_SYNCTABLE" Picture Object	
<b>Name</b>	CTL_SYNCTABLE
<b>Comment</b>	A non-syncing local table. Identifies the local ids (LUIDS) for tables in the database; provides a small, unique surrogate for the TABLEID guid in TBL_SYSTABLE. Used to support Sync.

Column(s) of "CTL_SYNCTABLE" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
TABLELUID	smallint		IDENTITY	Yes	No
TABLEID	uniqueidentifier	Primary Key.	NOT NULL	No	Yes

Index(s) of "CTL_SYNCTABLE" Table		
Name	Type	Unique
CTL_SYNCTABLE_PK	PK	Yes
CTL_SYNCTABLE_AK1	AK1	Yes

**Member(s) of "CTL\_SYNCTABLE\_PK" Index**

Column
Name
TABLELUID

**Member(s) of "CTL\_SYNCTABLE\_AK1" Index**

Column
Name
TABLEID

Table(s) of "CTL_SYNCROW_ADD" Picture Object	
<b>Name</b>	CTL_SYNCROW_ADD
<b>Comment</b>	A non-syncing local table. The Sync logging table for all Adds/Inserts to all sync-eligible tables in the database.

Column(s) of "CTL_SYNCROW_ADD" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
SYNCROWID	int		IDENTITY	Yes	No
ROWID1	uniqueidentifier	The ID value of the host table Primary Key column ordinal 1	NOT NULL	No	No
ROWID2	uniqueidentifier	The ID value of the host table Primary Key column ordinal 2	NULL	No	No
ROWID3	uniqueidentifier	The ID value of the host table Primary Key column ordinal 3	NULL	No	No
ORIGIN_SYNCDBID	smallint		NOT NULL	No	No
ACTIONDATE	datetime	Date and Time the record was last edited.	NOT NULL	No	No
ACCESSORLUID	smallint	Primary Key. Defines the local short local id (LUID) for the ACCESSORID in TBL_ACCESSORY.	NULL	No	Yes
TABLELUID	smallint		NOT NULL	No	Yes

Index(s) of "CTL_SYNCROW_ADD" Table		
Name	Type	Unique
CTL_SYNCROW_ADD_PK	PK	Yes
CTL_SYNCROW_ADD_AK1	AK1	Yes
CTL_SYNCROW_ADD_IE1	IE1	No

**Member(s) of "CTL\_SYNCROW\_ADD\_PK" Index**

Column
Name
SYNCROWID

**Member(s) of "CTL\_SYNCROW\_ADD\_AK1" Index**

Column
Name
TABLELUID

Column
Name
ROWID1

Column
Name
ROWID2

Column
Name
ROWID3

Physical Property(s) of "CTL_SYNCROW_ADD_AK1" Index	
FILLFACTOR	
75	

**Member(s) of "CTL\_SYNCROW\_ADD\_IE1" Index**

Column
Name
ORIGIN_SYNCDBID

Column
Name
ACTIONDATE

Table(s) of "CTL_SYNCROW_UPDATE" Picture Object	
<b>Name</b>	CTL_SYNCROW_UPDATE
<b>Comment</b>	A non-syncing local table. The Sync logging table for all Updates to all sync-eligible tables in the database. This is the parent/header record to identify the record that's been updated - each column within the record is logged in CTL_SYNCROW_UPDATECOLUMN.

Column(s) of "CTL_SYNCROW_UPDATE" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
SYNCROWID	int		IDENTITY	Yes	No
ROWID1	uniqueidentifier	The ID value of the host table Primary Key column ordinal 1	NOT NULL	No	No
ROWID2	uniqueidentifier	The ID value of the host table Primary Key column ordinal 2	NULL	No	No
ROWID3	uniqueidentifier	The ID value of the host table Primary Key column ordinal 3	NULL	No	No
TABLELUID	smallint		NOT NULL	No	Yes

Index(s) of "CTL_SYNCROW_UPDATE" Table		
Name	Type	Unique
CTL_SYNCROW_UPDATE_PK	PK	Yes
CTL_SYNCROW_UPDATE_AK1	AK1	Yes

**Member(s) of "CTL\_SYNCROW\_UPDATE\_PK" Index**

Column
Name
SYNCROWID

**Member(s) of "CTL\_SYNCROW\_UPDATE\_AK1" Index**

Column
Name
TABLELUID

Column
Name
ROWID1

Column
Name
ROWID2

Column
Name
ROWID3

Physical Property(s) of "CTL_SYNCROW_UPDATE_AK1" Index	
FILLFACTOR	
75	

Table(s) of "TBL_SYNCXTENDEDDEDATA" Picture Object	
<b>Name</b>	TBL_SYNCXTENDEDDEDATA
<b>Comment</b>	Contains, per Sync database, the limits/number of "Extended Data" (Notes, Histories, Activities, Opportunities) to send to the remote database. Used primarily to support Handheld devices and set by the conduits. An example might be "Last 10 Notes" or "Last 30 days Activities".

Column(s) of "TBL_SYNCXTENDEDDEDATA" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
EXTENDEDTYPE- NUM	tinyint	Identifies the TYPE of Extended data: 0 - Notes 1 - Histories 2 - Activities 3 - Opportunities	NOT NULL	No	No
NUMTYPE	tinyint	Enumeration. Identifies whether the Extended Data Type is filtered by the last number of occurrences or days. Valid values: 0 = OCCURRENCES 1 = DAYS	NOT NULL	No	No
SYNCDBGUID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the SyncDB record.	NOT NULL	No	Yes
NUMVALUE	smallint	Value for the Extended Data type. The value will represent either the number of occurrences or days. Values: -1 = Unlimited (no limit) 0 = Zero (None) >0 = Actual Number (rowlimit)	NOT NULL	No	No
SYNCXTENDED- DATAID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	No

Validation(s) of "EXTENDEDTYPE- NUM" Column				
Name	Type	Min	Max	Rule
TBL_SYNCXTENDED- DDATA_EXTENDED- TYPE- NUM_CHK	TBL_SYNCXTENDED- DDATA_EXTENDED- TYPE- NUM_CHK			EXTENDEDTYPE- NUM IN (0, 1, 2, 3)

Validation(s) of "NUMTYPE" Column				
Name	Type	Min	Max	Rule
TBL_SYNCXTENDED- DDATA_NUMTYPE_CHK	TBL_SYNCXTENDED- DDATA_NUMTYPE_CHK			NUMTYPE IN (0, 1)

Index(s) of "TBL_SYNCXTENDEDDEDATA" Table		
Name	Type	Unique
TBL_SYNCXTENDEDDEDATA_PK	PK	Yes
TBL_SYNCXTENDEDDEDATA_AK1	AK1	Yes

**Member(s) of "TBL\_SYNCXTENDEDDEDATA\_PK" Index**

Column
Name
SYNCXTENDEDDEDATAID

**Member(s) of "TBL\_SYNCXTENDEDDEDATA\_AK1" Index**

Column
Name
SYNCDBGUID

Column
Name

EXTENDEDYPENUM



Table(s) of "CTL_SYNCDBMAP_ROWSCHEMA" Picture Object	
<b>Name</b>	CTL_SYNCDBMAP_ROWSCHEMA
<b>Comment</b>	A non-syncing local table. A Sync-processing table used during the Sync session; contains the Schema-data segment of records for the current or last Sync session. Schema-data includes records such as Column, Picklist, Accessor, etc.

Column(s) of "CTL_SYNCDBMAP_ROWSCHEMA" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
SYNCDBMAPID	smallint		NOT NULL	Yes	No
SYNCROWID	int		NULL	No	No
ORDINAL	int		NOT NULL	Yes	No
ACTIONCODE	char(2)		NOT NULL	No	No
ACTIONDATE	datetime	Date and Time the record was last edited.	NOT NULL	No	No
STATUS	char(1)		NOT NULL	No	No
TABLELUID	smallint		NOT NULL	No	No
ROWID3	uniqueidentifier	The ID value of the host table Primary Key column ordinal 3	NULL	No	No
ROWID2	uniqueidentifier	The ID value of the host table Primary Key column ordinal 2	NULL	No	No
ROWID1	uniqueidentifier	The ID value of the host table Primary Key column ordinal 1	NOT NULL	No	No

Index(s) of "CTL_SYNCDBMAP_ROWSCHEMA" Table		
Name	Type	Unique
CTL_SYNCDBMAP_ROWSCHEMA_PK	PK	Yes
CTL_SYNCDBMAP_ROWSCHEMA_IE1	IE1	No
CTL_SYNCDBMAP_ROWSCHEMA_IE2	IE2	No

**Member(s) of "CTL\_SYNCDBMAP\_ROWSCHEMA\_PK" Index**

Column
Name
SYNCDBMAPID

Column
Name
ORDINAL

**Member(s) of "CTL\_SYNCDBMAP\_ROWSCHEMA\_IE1" Index**

Column
Name
SYNCROWID

Column
Name
ACTIONCODE

Column
Name
STATUS

**Member(s) of "CTL\_SYNCDBMAP\_ROWSCHEMA\_IE2" Index**

Column
Name

TABLELUID
-----------

<b>Column</b>
<b>Name</b>
ROWID1

<b>Column</b>
<b>Name</b>
ROWID2

<b>Column</b>
<b>Name</b>
ACTIONCODE

Table(s) of "CTL_SYNCROW_DELETE" Picture Object	
<b>Name</b>	CTL_SYNCROW_DELETE
<b>Comment</b>	A non-syncing local table. The Sync logging table for all Deletes to all sync-eligible tables in the database.

Column(s) of "CTL_SYNCROW_DELETE" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
SYNCROWID	int		IDENTITY	Yes	No
ROWID1	uniqueidentifier	The ID value of the host table Primary Key column ordinal 1	NULL	No	No
ROWID2	uniqueidentifier	The ID value of the host table Primary Key column ordinal 2	NULL	No	No
ROWID3	uniqueidentifier	The ID value of the host table Primary Key column ordinal 3	NULL	No	No
ACTIONDATE	datetime	Date and Time the record was last edited.	NOT NULL	No	No
ORIGIN_SYNCDBID	smallint		NOT NULL	No	No
CONTACTID	uniqueidentifier		NULL	No	No
ACCESSORLUID	smallint	Primary Key. Defines the local short local id (LUID) for the ACCESSORID in TBL_ACCESSORY.	NULL	No	Yes
ACTIVITYID	uniqueidentifier		NULL	No	No
NOTEID	uniqueidentifier		NULL	No	No
HISTORYID	uniqueidentifier		NULL	No	No
ROWINFO	nvarchar(512)	OPTIONAL FIELD. Field to store any additional pertinent/relavent non-key fields of the deleted record. An example of this field's use is the FILENAME for file Attachments and Supplemental Files. Need this value to perform subsequent delete of the physical file.	NULL	No	No
OPPORTUNITYID	uniqueidentifier		NULL	No	No
TABLELUID	smallint		NULL	No	Yes
COMPANYID	uniqueidentifier		NULL	No	No
GROUPID	uniqueidentifier		NULL	No	No
TYPEID	uniqueidentifier		NULL	No	No

Index(s) of "CTL_SYNCROW_DELETE" Table		
Name	Type	Unique
CTL_SYNCROW_DELETE_PK	PK	Yes
CTL_SYNCROW_DELETE_AK1	AK1	Yes
CTL_SYNCROW_DELETE_IE1	IE1	No
CTL_SYNCROW_DELETE_IE2	IE2	No
CTL_SYNCROW_DELETE_IE3	IE3	No

**Member(s) of "CTL\_SYNCROW\_DELETE\_PK" Index**

Column
<b>Name</b>
SYNCROWID

**Member(s) of "CTL\_SYNCROW\_DELETE\_AK1" Index**

Column
<b>Name</b>

TABLELUID
-----------

Column
Name
ROWID1

Column
Name
ROWID2

Column
Name
ROWID3

Physical Property(s) of "CTL_SYNCROW_DELETE_AK1" Index
FILLFACTOR
75

<b>Member(s) of "CTL_SYNCROW_DELETE_IE1" Index</b>
--

Column
Name
ORIGIN_SYNCDBID

Column
Name
ACTIONDATE

<b>Member(s) of "CTL_SYNCROW_DELETE_IE2" Index</b>
--

Column
Name
CONTACTID

<b>Member(s) of "CTL_SYNCROW_DELETE_IE3" Index</b>
--

Column
Name
ACTIVITYID

Table(s) of "CTL_SYNCROW_UPDATECOLUMN" Picture Object	
<b>Name</b>	CTL_SYNCROW_UPDATECOLUMN
<b>Comment</b>	A non-syncing local table. The Sync logging table for all Updates to all sync-eligible tables in the database. This is the child record to identify each column within the record which is logged in CTL_SYNCROW_UPDATE. Note that only the last/latest column update is logged/retained by default with the exception of TBL_SYSCOLUMN which *must* be logged chronologically.

Column(s) of "CTL_SYNCROW_UPDATECOLUMN" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
SYNCROWID	int		NOT NULL	Yes	Yes
COLUMNLUID	smallint	PRIMARY KEY. The local id of the column in this database.	NOT NULL	Yes	Yes
ACTIONDATE	datetime	The original DATETIME of the Update to the column. This value is persisted across all participating databases and is used to evaluate the 'Winner' condition.	NOT NULL	Yes	No
ORIGIN_SYNCDBID	smallint	The SYNCDBID of the database which Originated the record or column.	NOT NULL	No	No
ACCESSORLUID	smallint	Primary Key. Defines the local short local id (LUID) for the ACCESSORID in TBL_ACCESSORY.	NULL	No	Yes
COLUMNVALUE	nvarchar(500)	Optional. Value of the column data which was updated.  Note: this value is always captured for Schema changes from TBL_SYSCOLUMN. It will only contain values from other tables if the SYNCFULL LOGGING db config setting is set to True.	NULL	No	No
APPLYDATE	datetime	The DATETIME of when the record was applied at this database. It is used to determine record eligibility for Sync Initialization, but the ACTIONDATE is used to determine who updated last.	NOT NULL	No	No

Default(s) of "APPLYDATE" Column	
Name	Default
CTL_SYNCROW_UPDATECOLUMN_APPLYDATE_DEF	GETUTCDATE()

Index(s) of "CTL_SYNCROW_UPDATECOLUMN" Table		
Name	Type	Unique
CTL_SYNCROW_UPDATECOLUMN_PK	PK	Yes
CTL_SYNCROW_UPDATECOLUMN_IE2	IE2	No
CTL_SYNCROW_UPDATECOLUMN_IE3	IE3	No

**Member(s) of "CTL\_SYNCROW\_UPDATECOLUMN\_PK" Index**

Column
Name

SYNCROWID
-----------

Column
Name
COLUMNLUID

Column
Name
ACTIONDATE

Physical Property(s) of "CTL_SYNCROW_UPDATECOLUMN_PK" Index
FILLFACTOR
75

Member(s) of "CTL_SYNCROW_UPDATECOLUMN_IE2" Index
---

Column
Name
ORIGIN_SYNCDBID

Column
Name
APPLYDATE

Member(s) of "CTL_SYNCROW_UPDATECOLUMN_IE3" Index
---

Column
Name
SYNCROWID

Column
Name
COLUMNLUID

**Table(s) of "CTL\_SYNCDBMAPINFO" Picture Object**

<b>Name</b>	CTL_SYNCDBMAPINFO
<b>Comment</b>	A non-syncing local table. For each CTL_SYNCDBMAP record, contains the latest Sync progress/status information including the high-water marks. It will contain locally-associated records (the current database, the Parent database, any direct Remotes of the current database). Previous records/versions are maintained in table CTL_SYNCDBMAPINFO_HISTORY.

**Column(s) of "CTL\_SYNCDBMAPINFO" Table**

Name	Datatype	Comment	Null Option	Is PK	Is FK
SYNCDBMAPID	smallint	Primary Key.	NOT NULL	Yes	Yes
LAST_SNAPSHOTDATE	datetime	Date and Time the database was snapshotted or re-initialized.	NOT NULL	No	No
LAST_ATTEMPTDATE	datetime	Date and Time the record was last edited.	NOT NULL	No	No
LAST_SUCCESSDATE	datetime	Date and Time the record was last edited.	NOT NULL	No	No
LAST_SESSIONID	int		NOT NULL	No	No
LAST_RESULT	int		NOT NULL	No	No
LAST_ADDSYNCROWID	int		NOT NULL	No	No
LAST_DELSYNCRROWID	int		NOT NULL	No	No
LAST_UPDSENDDATE	datetime	Date and Time the record was last edited.	NOT NULL	No	No
RECV_UPDDATE	datetime	Date and Time the record was last edited.	NULL	No	No
LAST_COMPLETDATE	datetime	Date and Time the record was last edited.	NULL	No	No
RECV_SUCCESSDATE	datetime	Date and Time the record was last edited.	NULL	No	No
RECV_SESSIONID	int		NULL	No	No
RECV_ADDSYNCROWID	int		NULL	No	No
RECV_DELSYNCRROWID	int		NULL	No	No
RECV_ATTEMPTDATE	datetime	Date and Time the record was last edited.	NULL	No	No
RECV_RESULT	int		NULL	No	No
NEXT_UPDSENDDATE	datetime	Date and Time the record was last edited.	NOT NULL	No	No
NEXT_DELSYNCRROWID	int		NOT NULL	No	No
NEXT_ADDSYNCROWID	int		NOT NULL	No	No
ISREPLAY	bit	BOOLEAN. Indicates if the session has been identified as a Replay condition. This is to primarily support the scenario of either a remote or master database being set-back to a previous state (such as with a restored database from an earlier backup). This field is used by various Sync Procedures to handle/override the high-water marks	NOT NULL	No	No

		and orgin syncdbid. Values are: 0 = A normal Sync Session 1 = A Replay Sync Session			
RECV_COMPLET- EDATE	datetime	Date and Time the record was last edited.	NULL	No	No

**Default(s) of "NEXT\_UPDSENDDATE" Column**

Name	Default
CTL_SYNCDBMAPINFO_NEXT_UPDSENDDATE_DEF	0

**Default(s) of "NEXT\_DELSYNCROWID" Column**

Name	Default
CTL_SYNCDBMAPINFO_NEXT_DELSYNCROWID_DEF	0

**Default(s) of "NEXT\_ADDSYNCROWID" Column**

Name	Default
CTL_SYNCDBMAPINFO_NEXT_ADDSYNCROWID_DEF	0

**Default(s) of "ISREPLAY" Column**

Name	Default
CTL_SYNCDBMAPINFO_ISREPLAY_DEF	0

**Index(s) of "CTL\_SYNCDBMAPINFO" Table**

Name	Type	Unique
CTL_SYNCDBMAPINFO_PK	PK	Yes

**Member(s) of "CTL\_SYNCDBMAPINFO\_PK" Index**

**Column**

Name
SYNCDBMAPID



**Table(s) of "CTL\_SYNCDBMAP\_SESSIONROW" Picture Object**

<b>Name</b>	CTL_SYNCDBMAP_SESSIONROW
<b>Comment</b>	A non-syncing local table. Child table to CTL_SYNCDBMAP_SESSION; identifies Contact records for the current and past Sync Sessions.

**Column(s) of "CTL\_SYNCDBMAP\_SESSIONROW" Table**

Name	Datatype	Comment	Null Option	Is PK	Is FK
CONTACTID	uniqueidentifier		NOT NULL	Yes	No
SESSIONID	int		NOT NULL	No	Yes
SYNCDBMAPID	smallint	Primary Key.	NOT NULL	Yes	Yes
STATUSNUM	tinyint		NOT NULL	No	No
ORIGIN_SYNCDBID	smallint		NOT NULL	No	No

**Validation(s) of "STATUSNUM" Column**

Name	Type	Min	Max	Rule
CTL_SYNCDBMAP_SESSIONROW_STATUSNUM_CHK	CTL_SYNCDBMAP_SESSIONROW_STATUSNUM_CHK			STATUSNUM IN (0, 1, 2, 3, 4)

**Index(s) of "CTL\_SYNCDBMAP\_SESSIONROW" Table**

Name	Type	Unique
CTL_SYNCDBMAP_SESSIONROW_PK	PK	Yes
CTL_SYNCDBMAP_SESSIONROW_IE1	IE1	No

**Member(s) of "CTL\_SYNCDBMAP\_SESSIONROW\_PK" Index**

**Column**

<b>Name</b>
SYNCDBMAPID

**Column**

<b>Name</b>
CONTACTID

**Physical Property(s) of "CTL\_SYNCDBMAP\_SESSIONROW\_PK" Index**

<b>FILLFACTOR</b>
75

**Member(s) of "CTL\_SYNCDBMAP\_SESSIONROW\_IE1" Index**

**Column**

<b>Name</b>
SESSIONID

**Column**

<b>Name</b>
STATUSNUM

**Column**

<b>Name</b>
ORIGIN_SYNCDBID

Table(s) of "CTL_SYNCDBMAP_ROWDATA" Picture Object	
<b>Name</b>	CTL_SYNCDBMAP_ROWDATA
<b>Comment</b>	A non-syncing local table. A Sync-processing table used during the Sync session; contains the Content-data segment of records for the current or last Sync session. Content-data includes records such as Contacts, Notes, etc.

Column(s) of "CTL_SYNCDBMAP_ROWDATA" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
ORDINAL	int		NOT NULL	Yes	No
SYNCDBMAPID	smallint		NOT NULL	Yes	No
SYNCROWID	int		NULL	No	No
STATUS	char(1)		NOT NULL	No	No
ACTIONCODE	char(2)		NOT NULL	No	No
ACTIONDATE	datetime	Date and Time the record was last edited.	NOT NULL	No	No
TABLELUID	smallint		NULL	No	No
ROWID1	uniqueidentifier	The ID value of the host table Primary Key column ordinal 1	NULL	No	No
ROWID2	uniqueidentifier	The ID value of the host table Primary Key column ordinal 2	NULL	No	No
ROWID3	uniqueidentifier	The ID value of the host table Primary Key column ordinal 3	NULL	No	No

Index(s) of "CTL_SYNCDBMAP_ROWDATA" Table		
Name	Type	Unique
CTL_SYNCDBMAP_ROWDATA_PK	PK	Yes
CTL_SYNCDBMAP_ROWDATA_IE1	IE1	No
CTL_SYNCDBMAP_ROWDATA_IE2	IE2	No

**Member(s) of "CTL\_SYNCDBMAP\_ROWDATA\_PK" Index**

Column
Name
SYNCDBMAPID

Column
Name
ORDINAL

**Member(s) of "CTL\_SYNCDBMAP\_ROWDATA\_IE1" Index**

Column
Name
SYNCROWID

Column
Name
ACTIONCODE

Column
Name
STATUS

**Member(s) of "CTL\_SYNCDBMAP\_ROWDATA\_IE2" Index**

Column
Name

TABLELUID
-----------

<b>Column</b>
<b>Name</b>
ROWID1

<b>Column</b>
<b>Name</b>
ROWID2

<b>Column</b>
<b>Name</b>
ACTIONCODE

Table(s) of "TBL_SYNCSUBSCRIPTION" Picture Object	
<b>Name</b>	TBL_SYNCSUBSCRIPTION
<b>Comment</b>	Contains the Subscribed Contacts for each SyncSet. For each SyncSet, every *possible* Contact is included here (based upon the Users selected in the SyncSet definition), however, not all may necessarily be subscribed.

Column(s) of "TBL_SYNCSUBSCRIPTION" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
CONTACTID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the Contact record.	NOT NULL	Yes	Yes
SYNCSETID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the SyncSet record.	NOT NULL	Yes	Yes
SUBSTATUS	tinyint	Enumeration. Identifies the current Subscription Status. Valid values: 0 = Not Subscribed 1 = Subscribed	NOT NULL	No	No
SUBSOURCE	tinyint	Enumeration. Identifies the source of the current Subscription Status (SUBSTATUS). Valid values include: 0 = Automatic 1 = Manual 2 = Automatic From Remote (Temporary State)	NOT NULL	No	No
SUBDBGUID	uniqueidentifier	FOREIGN KEY (LOGICAL). Contains the value of the SYNCDBGUID in TBL_SYNCDB. Identifies where the last action was taken to either Subscribe or Unsubscribe a Contact (at which master/remote location).	NULL	No	No
SUBUSERID	uniqueidentifier	FOREIGN KEY (LOGICAL). Identifies the User who last Subscribed or Unsubscribed the Contact record.	NULL	No	No
SUBDATE	datetime	Date and Time the record was Subscribed or Unsubscribed.	NULL	No	No

Validation(s) of "SUBSTATUS" Column				
Name	Type	Min	Max	Rule
TBL_SYNCSUBSCRIPTION_SUBSTATUS_CHK	TBL_SYNCSUBSCRIPTION_SUBSTATUS_CHK			SUBSTATUS IN (0, 1)

Validation(s) of "SUBSOURCE" Column				
Name	Type	Min	Max	Rule
TBL_SYNCSUBSCRIPTION_SUBSOURCE_CHK	TBL_SYNCSUBSCRIPTION_SUBSOURCE_CHK			SUBSOURCE IN (0, 1, 2)

Index(s) of "TBL_SYNCSUBSCRIPTION" Table		
Name	Type	Unique
TBL_SYNCSUBSCRIPTION_PK	PK	Yes
TBL_SYNCSUBSCRIPTION_IE1	IE1	No
TBL_SYNCSUBSCRIPTION_IF2	IF2	No

**Member(s) of "TBL\_SYNCSUBSCRIPTION\_PK" Index**

Column
<b>Name</b>

SYNCSETID
-----------

Column
Name
CONTACTID

Physical Property(s) of "TBL_SYNCSUBSCRIPTION_PK" Index
FILLFACTOR
75

Member(s) of "TBL_SYNCSUBSCRIPTION_IE1" Index
---

Column
Name
SUBSTATUS

Column
Name
SUBSOURCE

Physical Property(s) of "TBL_SYNCSUBSCRIPTION_IE1" Index
FILLFACTOR
75

Member(s) of "TBL_SYNCSUBSCRIPTION_IF2" Index
---

Column
Name
CONTACTID

**Table(s) of "CTL\_SYNCACCESSOR" Picture Object**

<b>Name</b>	CTL_SYNCACCESSOR
<b>Comment</b>	A non-syncing local table. Identifies the local ids (LUIDS) for Accessors (Users, Teams and Resources) in the database; provides a small, unique surrogate for the ACCESSORID guid in TBL_ACCESSOR. Used to support Sync.

**Column(s) of "CTL\_SYNCACCESSOR" Table**

Name	Datatype	Comment	Null Option	Is PK	Is FK
ACCESSORLUID	smallint	Primary Key. Defines the local short local id (LUID) for the ACCESSORID in TBL_ACCESSORY.	IDENTITY	Yes	No
ACCESSORID	uniqueidentifier		NULL	No	Yes

**Index(s) of "CTL\_SYNCACCESSOR" Table**

Name	Type	Unique
CTL_SYNCACCESSOR_PK	PK	Yes
CTL_SYNCACCESSOR_IF1	IF1	No

**Member(s) of "CTL\_SYNCACCESSOR\_PK" Index**

**Column**

Name
ACCESSORLUID

**Member(s) of "CTL\_SYNCACCESSOR\_IF1" Index**

**Column**

Name
ACCESSORID

Table(s) of "CTL_SYNCDBMAP_SESSION" Picture Object	
<b>Name</b>	CTL_SYNCDBMAP_SESSION
<b>Comment</b>	A non-syncing local table. Contains the current or latest Sync Session information. Details for each record are stored in CTL_SYNCDBMAP_SESSIONROW.

Column(s) of "CTL_SYNCDBMAP_SESSION" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
SESSIONID	int		NOT NULL	Yes	No
SYNCDBMAPID	smallint	Primary Key.	NOT NULL	Yes	Yes
SESSIONDATE	datetime	Date and Time the record was last edited.	NOT NULL	No	No
NUM_NEWROW	int		NOT NULL	No	No
NUM_NEWMEMBER	int		NOT NULL	No	No
NUM_DELETEDROW	int		NOT NULL	No	No
NUM_DELETED-MEMBER	int		NOT NULL	No	No
NUM_ACTIVEMEMBER	int		NOT NULL	No	No
ATTACHMENT_-ACCESS	xml		NULL	No	No
SYNC_USER	xml		NULL	No	No

Index(s) of "CTL_SYNCDBMAP_SESSION" Table		
Name	Type	Unique
CTL_SYNCDBMAP_SESSION_PK	PK	Yes

**Member(s) of "CTL\_SYNCDBMAP\_SESSION\_PK" Index**

Column
Name
SYNCDBMAPID

Column
Name
SESSIONID

Table(s) of "TBL_SYNCSETQUERY" Picture Object	
<b>Name</b>	TBL_SYNCSETQUERY
<b>Comment</b>	A child table to TBL_SYNCSET. It will contain a record for each line specified in the SyncSet query criteria (if query criteria was created).

Column(s) of "TBL_SYNCSETQUERY" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
SYNCSETQUERYID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	No
LEFTPAREN	tinyint		NOT NULL	No	No
RIGHTPAREN	tinyint		NOT NULL	No	No
ORDINAL	smallint		NOT NULL	No	No
VALUESTRING1	nvarchar(500)		NULL	No	No
VALUESTRING2	nvarchar(500)		NULL	No	No
LOGICALOPERATOR	tinyint		NOT NULL	No	No
SYNCSETID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the SyncSet record.	NOT NULL	No	Yes
VALUEID1	tinyint	PRIMARY KEY.	NULL	No	Yes
VALUEID2	tinyint	PRIMARY KEY.	NULL	No	Yes
OPERATORID	tinyint	FOREIGN KEY. Relates to the PRIMARY KEY for the Operator record.	NULL	No	Yes
COLUMNID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Columns record.	NULL	No	Yes
QUERYVERSIONID	uniqueidentifier	SYSTEM Field (GUID). A unique id generated each time a record's query Criteria has been added, changed or removed. This id is used to verify/validate it's child TBL_XXXXXQUERY records which comprise the QUERYTEXT field in this table.	NOT NULL	No	No

Index(s) of "TBL_SYNCSETQUERY" Table		
Name	Type	Unique
TBL_SYNCSETQUERY_PK	PK	Yes
TBL_SYNCSETQUERY_IF1	IF1	No
TBL_SYNCSETQUERY_IF2	IF2	No
TBL_SYNCSETQUERY_IF3	IF3	No
TBL_SYNCSETQUERY_IF4	IF4	No
TBL_SYNCSETQUERY_IF5	IF5	No

**Member(s) of "TBL\_SYNCSETQUERY\_PK" Index**

Column
<b>Name</b>
SYNCSETQUERYID

**Member(s) of "TBL\_SYNCSETQUERY\_IF1" Index**

Column
<b>Name</b>
SYNCSETID

**Member(s) of "TBL\_SYNCSETQUERY\_IF2" Index**

Column
<b>Name</b>



VALUEID1
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<b>Member(s) of "TBL_SYNCSETQUERY_IF3" Index</b>
--

<b>Column</b>
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<b>Name</b>
-------------

VALUEID2
----------

<b>Member(s) of "TBL_SYNCSETQUERY_IF4" Index</b>
--

<b>Column</b>
---------------

<b>Name</b>
-------------

OPERATORID
------------

<b>Member(s) of "TBL_SYNCSETQUERY_IF5" Index</b>
--

<b>Column</b>
---------------

<b>Name</b>
-------------

COLUMNID
----------

Table(s) of "TBL_SYNCCONTACT_ACL" Picture Object	
<b>Name</b>	TBL_SYNCCONTACT_ACL
<b>Comment</b>	An "off-line" shadow record of the Contact ACL (Access Control List), TBL_CONTACT_ACL. Used to secure the Sync Subscription List.

Column(s) of "TBL_SYNCCONTACT_ACL" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
CONTACTID	uniqueidentifier	PRIMARY KEY, FOREIGN KEY. Relates to the PRIMARY KEY for the SYNCCONTACT record.	NOT NULL	Yes	Yes
ACCESSORID	uniqueidentifier		NOT NULL	Yes	Yes

Index(s) of "TBL_SYNCCONTACT_ACL" Table		
Name	Type	Unique
TBL_SYNCCONTACT_ACL_PK	PK	Yes
TBL_SYNCCONTACT_ACL_IF3	IF3	No

**Member(s) of "TBL\_SYNCCONTACT\_ACL\_PK" Index**

Column
Name
CONTACTID

Column
Name
ACCESSORID

Physical Property(s) of "TBL_SYNCCONTACT_ACL_PK" Index
FILLFACTOR
75

**Member(s) of "TBL\_SYNCCONTACT\_ACL\_IF3" Index**

Column
Name
ACCESSORID

Table(s) of "TBL_SYNCCONTACT" Picture Object	
<b>Name</b>	TBL_SYNCCONTACT
<b>Comment</b>	An "off-line" shadow table of Contacts used to support the Subscription List in Sync. Includes certain core fields of the Contact record including Name, Company and Phone. This table will include deleted Contacts identifying the User and datetime the record was deleted; used to support Reports/Lookups such as Lookup>Last Sync.

Column(s) of "TBL_SYNCCONTACT" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
CONTACTID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	No
DELETEDATE	datetime	Set by the Framework; the datetime when the Contact was deleted.	NULL	No	No
LASTNAME	nvarchar(128)	Denormalized value of the same field from TBL_CONTACT. A system field used primarily for sorting by LastName-FirstName like the Contact List, etc.	NULL	No	No
BUSINESS_PHONE	nvarchar(32)	This is the NUMBERDISPLAY field from TBL_PHONE.	NULL	No	No
FIRSTNAME	nvarchar(64)	Denormalized value of the same field from TBL_CONTACT. A system field used primarily for sorting by LastName-FirstName like the Contact List, etc.	NULL	No	No
MANAGEUSERID	uniqueidentifier	Denormalized value of the same field from TBL_CONTACT.	NOT NULL	No	No
FULLNAME	nvarchar(256)	Denormalized value of the same field from TBL_CONTACT.	NULL	No	No
DELETEUSERID	uniqueidentifier	Set by the Framework; the ACCESSORID of the User who deleted the Contact.	NULL	No	No
ISPRIVATE	bit	Denormalized value of the same field from TBL_CONTACT.	NOT NULL	No	No
COMPANYNAME	nvarchar(256)	Denormalized value of the same field from TBL_CONTACT.	NULL	No	No

Index(s) of "TBL_SYNCCONTACT" Table		
Name	Type	Unique
TBL_SYNCCONTACT_PK	PK	Yes
TBL_SYNCCONTACT_IE1	IE1	No

**Member(s) of "TBL\_SYNCCONTACT\_PK" Index**

Column
Name
CONTACTID

Physical Property(s) of "TBL_SYNCCONTACT PK" Index
FILLFACTOR
75

**Member(s) of "TBL\_SYNCCONTACT\_IE1" Index**

Column
Name

MANAGEUSERID
--------------

<b>Physical Property(s) of "TBL_SYNCCONTACT_IE1" Index</b>
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<b>FILLFACTOR</b>
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75
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**Table(s) of "CTL\_SYNCROW\_EXCEPTION" Picture Object**

<b>Name</b>	CTL_SYNCROW_EXCEPTION
<b>Comment</b>	A non-syncing local table. Contains any Sync processing Exception records at the time of occurrence.

**Column(s) of "CTL\_SYNCROW\_EXCEPTION" Table**

Name	Datatype	Comment	Null Option	Is PK	Is FK
ROWEXCEPTIONID	int		IDENTITY	Yes	No
ROWID1	uniqueidentifier	The ID value of the host table Primary Key column ordinal 1	NOT NULL	No	No
ROWID2	uniqueidentifier	The ID value of the host table Primary Key column ordinal 2	NULL	No	No
ROWID3	uniqueidentifier	The ID value of the host table Primary Key column ordinal 3	NULL	No	No
DETAILS	nvarchar(1000)		NULL	No	No
ACTIONDATE	datetime	Date and Time the record was last edited.	NOT NULL	No	No
ACTIONCODE	char(2)		NOT NULL	No	No
STATUSNUM	tinyint		NOT NULL	No	No
DB_ERRORNUM	int		NULL	No	No
SYNCROWID	int		NULL	No	No
REF_ROWEXCEPTIONID	int	Optional FK - references the ROWEXCEPTIONID for certain row exceptions such as a MISSING.	NULL	No	No
SESSIONID	int		NOT NULL	No	No
SYNCDBMAPID	smallint		NOT NULL	No	Yes
TABLELUID	smallint		NOT NULL	No	Yes

**Index(s) of "CTL\_SYNCROW\_EXCEPTION" Table**

Name	Type	Unique
CTL_SYNCROW_EXCEPTION_PK	PK	Yes
CTL_SYNCROW_EXCEPTION_AK1	AK1	Yes

**Member(s) of "CTL\_SYNCROW\_EXCEPTION\_PK" Index**

**Column**

**Name**

ROWEXCEPTIONID

**Member(s) of "CTL\_SYNCROW\_EXCEPTION\_AK1" Index**

**Column**

**Name**

SYNCDBMAPID

**Column**

**Name**

TABLELUID

**Column**

**Name**

ROWID1

**Column**

**Name**

ROWID2

**Column**

**Name**



Table(s) of "CTL_SYNCDBMAP_ROWEXCEPTION" Picture Object	
Name	CTL_SYNCDBMAP_ROWEXCEPTION
Comment	A non-syncing local table. A Sync-processing table used during the Sync session; contains any data exception records for the current or last Sync session.

Column(s) of "CTL_SYNCDBMAP_ROWEXCEPTION" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
ORDINAL	int		IDENTITY	Yes	No
SYNCDBMAPID	smallint		NOT NULL	No	No
STATUS	char(1)		NOT NULL	No	No
ACTIONCODE	char(2)		NOT NULL	No	No
ACTIONDATE	datetime	Date and Time the record was last edited.	NOT NULL	No	No
TABLELUID	smallint		NOT NULL	No	No
ROWID1	uniqueidentifier	The ID value of the host table Primary Key column ordinal 1	NOT NULL	No	No
ROWID2	uniqueidentifier	The ID value of the host table Primary Key column ordinal 2	NULL	No	No
ROWID3	uniqueidentifier	The ID value of the host table Primary Key column ordinal 3	NULL	No	No
ROWEXCEPTIONID	int		NOT NULL	No	Yes

Index(s) of "CTL_SYNCDBMAP_ROWEXCEPTION" Table		
Name	Type	Unique
CTL_SYNCDBMAP_ROWEXCEPTION_PK	PK	Yes
CTL_SYNCDBMAP_ROWEXCEPTION_AK1	AK1	Yes
CTL_SYNCDBMAP_ROWEXCEPTION_IF1	IF1	No

**Member(s) of "CTL\_SYNCDBMAP\_ROWEXCEPTION\_PK" Index**

Column
Name
ORDINAL

**Member(s) of "CTL\_SYNCDBMAP\_ROWEXCEPTION\_AK1" Index**

Column
Name
SYNCDBMAPID

Column
Name
TABLELUID

Column
Name
ROWID1

Column
Name
ROWID2

Column
Name
ROWID3

**Member(s) of "CTL\_SYNCDBMAP\_ROWEXCEPTION\_IF1" Index**

Column
Name

ROWEXCEPTIONID
----------------



Table(s) of "CTL_SYNCDB" Picture Object	
<b>Name</b>	CTL_SYNCDB
<b>Comment</b>	A non-syncing local table. Identifies the local ids (LUIDS) for SyncDBs in the database; provides a small, unique surrogate for the SYNCDBID guid in TBL_SYNCDB. Used to support Sync.

Column(s) of "CTL_SYNCDB" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
SYNCDBGUID	uniqueidentifier	PRIMARY KEY.	NOT NULL	No	Yes
SYNCDBID	smallint	PRIMARY KEY, SMALLINT. A local integer value used in the various CTL_sync tables in the ORIGIN_SYNCDBID field. Also used in SYNCDBMAP table to identify Pub/Sub pairs.	IDENTITY	Yes	No

Index(s) of "CTL_SYNCDB" Table			
Name	Type	Unique	
CTL_SYNCDB_PK	PK	Yes	
CTL_SYNCDB_AK1	AK1	Yes	

**Member(s) of "CTL\_SYNCDB\_PK" Index**

Column	
Name	
SYNCDBID	

**Member(s) of "CTL\_SYNCDB\_AK1" Index**

Column	
Name	
SYNCDBGUID	

Trigger(s) of "CTL_SYNCDB" Table	
Name	Type
CTL_SYNCDB_TRD1	DELETE
CTL_SYNCDB_TRI1	INSERT

Table(s) of "TBL_SYNCXTENDEDDEDATA_TYPE" Picture Object	
<b>Name</b>	TBL_SYNCXTENDEDDEDATA_TYPE
<b>Comment</b>	For each TBL_SYNCXTENDEDDEDATA record which is applicable (i.e. Histories, Activities), contains the "Types" for each Extended Data item the user has requested to Sync. For example, for Histories a user may just request "Call Completed", "Meeting Held", etc. The TYPEID represents the TYPEID of the Extended Data type found in TBL_HISTORYTYPE, TBL_ACTIVITYTYPE, etc.

Column(s) of "TBL_SYNCXTENDEDDEDATA_TYPE" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
TYPEID	smallint	TYPEID for the Extended Data type (Note, History, Activity). This represents either a: - HISTORYTYPEID - NOTETYPEID - ACTIVITYTYPEID which is defined in the characteristic tables TBL_HISTORYTYPE, TBL_ACTIVITYTYPE, etc.	NOT NULL	No	No
SYNCXTENDED- DATAID	uniqueidentifier	FOREIGN KEY. Relates to the PRIMARY KEY for the Extended Data record	NOT NULL	No	Yes
SYNCXTENDED- DATA_TYPEID	uniqueidentifier	PRIMARY KEY.	NOT NULL	Yes	No

Index(s) of "TBL_SYNCXTENDEDDEDATA_TYPE" Table		
Name	Type	Unique
TBL_SYNCXTENDEDDEDATA_TYPE_PK	PK	Yes
TBL_SYNCXTENDEDDEDATA_TYPE_AK1	AK1	Yes

**Member(s) of "TBL\_SYNCXTENDEDDEDATA\_TYPE\_PK" Index**

Column
Name
SYNCXTENDEDDEDATA_TYPEID

**Member(s) of "TBL\_SYNCXTENDEDDEDATA\_TYPE\_AK1" Index**

Column
Name
SYNCXTENDEDDEDATAID

Column
Name
TYPEID

Table(s) of "CTL_SYNCDBMAP_ROWCOMPLETED" Picture Object	
<b>Name</b>	CTL_SYNCDBMAP_ROWCOMPLETED
<b>Comment</b>	A non-syncing local table. A Sync-processing table used during the Sync session; contains any completed, exception or deleted records from the previous Sync session.

Column(s) of "CTL_SYNCDBMAP_ROWCOMPLETED" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
SYNCDBMAPID	smallint		NOT NULL	No	No
TABLELUID	smallint		NOT NULL	No	No
ROWID1	uniqueidentifier	The ID value of the host table Primary Key column ordinal 1	NOT NULL	No	No
ROWID2	uniqueidentifier	The ID value of the host table Primary Key column ordinal 2	NULL	No	No
ROWID3	uniqueidentifier	The ID value of the host table Primary Key column ordinal 3	NULL	No	No
STATUS	char(1)		NOT NULL	No	No
ACTIONCODE	char(2)		NOT NULL	No	No

Index(s) of "CTL_SYNCDBMAP_ROWCOMPLETED" Table		
Name	Type	Unique
CTL_SYNCDBMAP_ROWCOMPLETED_PK	PK	Yes
CTL_SYNCDBMAP_ROWCOMPLETED_IE1	IE1	No

**Member(s) of "CTL\_SYNCDBMAP\_ROWCOMPLETED\_PK" Index**

**Member(s) of "CTL\_SYNCDBMAP\_ROWCOMPLETED\_IE1" Index**

Column
Name
SYNCDBMAPID

Column
Name
TABLELUID

Column
Name
ROWID1

Column
Name
ROWID2

**Table(s) of "CTL\_SYNCSETTYPE" Picture Object**

<b>Name</b>	CTL_SYNCSETTYPE
<b>Comment</b>	

**Column(s) of "CTL\_SYNCSETTYPE" Table**

<b>Name</b>	<b>Datatype</b>	<b>Comment</b>	<b>Null Option</b>	<b>Is PK</b>	<b>Is FK</b>
TYPENUM	tinyint	PRIMARY KEY.	NOT NULL	Yes	No
NAME	nvarchar(312)	Name to identify the type of SyncSet.	NOT NULL	No	No
DESCRIPTION	nvarchar(128)	An optional description.	NULL	No	No

**Index(s) of "CTL\_SYNCSETTYPE" Table**

<b>Name</b>	<b>Type</b>	<b>Unique</b>
CTL_SYNCSETTYPE_PK	PK	Yes

**Member(s) of "CTL\_SYNCSETTYPE\_PK" Index****Column**

<b>Name</b>
TYPENUM

Table(s) of "CTL_SYNCDBMAPINFO_HISTORY" Picture Object	
Name	CTL_SYNCDBMAPINFO_HISTORY
Comment	A non-syncing local table. Contains historical records from CTL_SYNCDBMAPINFO; the number/volume of records retained here is roughly back to the subject database's Expire Days start value.

Column(s) of "CTL_SYNCDBMAPINFO_HISTORY" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
LAST_SESSIONID	int		NOT NULL	No	No
LAST_SNAPSHOTDATE	datetime	Date and Time the record was last edited.	NOT NULL	No	No
LAST_ATTEMPTDATE	datetime	Date and Time the record was last edited.	NOT NULL	No	No
LAST_SUCCESSDATE	datetime	Date and Time the record was last edited.	NOT NULL	No	No
LAST_RESULT	int		NOT NULL	No	No
LAST_ADDSYNCROWID	int		NOT NULL	No	No
LAST_DELSYNCROWID	int		NOT NULL	No	No
LAST_UPDSENDDATE	datetime	Date and Time the record was last edited.	NOT NULL	No	No
RECV_ATTEMPTDATE	datetime	Date and Time the record was last edited.	NULL	No	No
RECV_SUCCESSDATE	datetime	Date and Time the record was last edited.	NULL	No	No
RECV_SESSIONID	int		NULL	No	No
LAST_COMPLETDATE	datetime	Date and Time the record was last edited.	NULL	No	No
RECV_RESULT	int		NULL	No	No
RECV_ADDSYNCROWID	int		NULL	No	No
RECV_DELSYNCROWID	int		NULL	No	No
RECV_UPDDATE	datetime	Date and Time the record was last edited.	NULL	No	No
SYNCDBMAPINFO_HISTORYID	int		IDENTITY	Yes	No
SYNCDBMAPID	smallint	Primary Key.	NOT NULL	No	Yes
NEXT_UPDSENDDATE	datetime	Date and Time the record was last edited.	NOT NULL	No	No
NEXT_DELSYNCROWID	int		NOT NULL	No	No
NEXT_ADDSYNCROWID	int		NOT NULL	No	No
ISREPLAY	bit	BOOLEAN. Indicates if the session has been identified as a Replay condition. This is to primarily support the scenario of either a remote or master database being set-back to a previous state (such as with a restored database from an earlier backup). This field is used by various Sync Procedures to handle/override the high-water marks and orgin syncdbid. Values are:	NOT NULL	No	No

		0 = A normal Sync Session 1 = A Replay Sync Session			
RECV_COMPLET- EDATE	datetime	Date and Time the record was last edited.	NULL	No	No

**Default(s) of "ISREPLAY" Column**

Name	Default
CTL_SYNCDBMAPINFO_HISTORY_ISREPLAY_DEF	0

**Index(s) of "CTL\_SYNCDBMAPINFO\_HISTORY" Table**

Name	Type	Unique
CTL_SYNCDBMAPINFO_HISTORY_PK	PK	Yes
CTL_SYNCDBMAPINFO_HISTORY_AK1	AK1	Yes

**Member(s) of "CTL\_SYNCDBMAPINFO\_HISTORY\_PK" Index**

**Column**

Name
SYNCDBMAPINFO_HISTORYID

**Member(s) of "CTL\_SYNCDBMAPINFO\_HISTORY\_AK1" Index**

**Column**

Name
SYNCDBMAPID

**Column**

Name
LAST_SESSIONID

**Physical Property(s) of "CTL\_SYNCDBMAPINFO\_HISTORY\_AK1" Index**

FILLFACTOR
75

Table(s) of "CTL_SYNCROW_FILE" Picture Object	
<b>Name</b>	CTL_SYNCROW_FILE
<b>Comment</b>	A non-syncing local table. The Sync logging table for all File activity in the Supplemental File Location (ie the Datastore).

Column(s) of "CTL_SYNCROW_FILE" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
SYNCROWID	int		IDENTITY	Yes	No
ACTIONCODE	nvarchar(2)	The action of the file such as: A - ADD U - UPDATE D - DELETE	NOT NULL	No	No
FILENAME	nvarchar(512)		NOT NULL	No	No
ACTIONDATE	datetime	Date and Time the record was last edited.	NOT NULL	No	No
ORIGIN_SYNCDBID	smallint		NOT NULL	No	No
FOLDERID	tinyint	PRIMARY KEY.	NOT NULL	No	Yes
APPLYDATE	datetime	The datetime stamp representing when the record was applied (recorded) in this database. When a record is originated in the current database, the ACTIONDATE and APPLYDATE values will be the same. When sent via Sync, the APPLYDATE will be set to the sync time.	NOT NULL	No	No
FILEHASH	char(34)	File hash field introduced to assist in identifying true/ actual changes to files.	NULL	No	No
FILEID	uniqueidentifier	A secondary key identifier to assist in the resolving of File Deletes. Behavior: 1. Upon ADD (ACTIONCODE=AR) the FILEID is set to a new GUID value 2. Upon UPDATE the FILEID is not updated, it is retained 3. Upon DELETE the FILEID is updated to a new GUID value  For a DR if the GUIDs match the delete wins - if the GUIDs do not match it is assumed that the file was previously-deleted and subsequently re-added and therefore the Add or Update will win.	NULL	No	No

Validation(s) of "ACTIONCODE" Column				
Name	Type	Min	Max	Rule
CTL_SYNCROW_FILE_ACTIONCODE_CHK	CTL_SYNCROW_FILE_ACTIONCODE_CHK			ACTIONCODE IN ('AR', 'AM', 'DR', 'DM', 'U')

Index(s) of "CTL_SYNCROW_FILE" Table		
Name	Type	Unique
CTL_SYNCROW_FILE_PK	PK	Yes
CTL_SYNCROW_FILE_IE2	IE2	No

CTL_SYNCROW_FILE_IE1	IE3	No
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**Member(s) of "CTL\_SYNCROW\_FILE\_PK" Index**

**Column**

**Name**

SYNCROWID

**Member(s) of "CTL\_SYNCROW\_FILE\_IE2" Index**

**Column**

**Name**

FILEID

**Member(s) of "CTL\_SYNCROW\_FILE\_IE1" Index**

**Column**

**Name**

APPLYDATE

**Column**

**Name**

FOLDERID

**Column**

**Name**

ACTIONCODE

**Column**

**Name**

ORIGIN\_SYNCDBID

**Trigger(s) of "CTL\_SYNCROW\_FILE" Table**

**Name**

CTL\_SYNCROW\_FILE\_TR11

**Type**

INSERT



Table(s) of "CTL_SYNCDBMAP_ROWFILE" Picture Object	
<b>Name</b>	CTL_SYNCDBMAP_ROWFILE
<b>Comment</b>	A non-syncing local table. A Sync-processing table used during the Sync session; contains the Files for the current or last Sync session.

Column(s) of "CTL_SYNCDBMAP_ROWFILE" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
ORDINAL	int		IDENTITY	Yes	No
SYNCDBMAPID	smallint		NOT NULL	No	No
SYNCROWID	int		NULL	No	No
STATUS	char(1)		NOT NULL	No	No
ACTIONCODE	char(2)		NOT NULL	No	No
ACTIONDATE	datetime	Date and Time the record was last edited.	NOT NULL	No	No
FILENAME	nvarchar(512)		NOT NULL	No	No
ROWID1	uniqueidentifier		NULL	No	No
FOLDERID	tinyint	PRIMARY KEY.	NOT NULL	No	Yes

Index(s) of "CTL_SYNCDBMAP_ROWFILE" Table		
Name	Type	Unique
CTL_SYNCDBMAP_ROWFILE_PK	PK	Yes
CTL_SYNCDBMAP_ROWFILE_IE2	IE2	No

**Member(s) of "CTL\_SYNCDBMAP\_ROWFILE\_PK" Index**

Column
Name
ORDINAL

**Member(s) of "CTL\_SYNCDBMAP\_ROWFILE\_IE2" Index**

Column
Name
SYNCDBMAPID

Column
Name
STATUS

Table(s) of "TBL_SYNCDBTYPE" Picture Object	
<b>Name</b>	TBL_SYNCDBTYPE
<b>Comment</b>	Characteristic/Lookup table. Foreign Keyed in TBL_SYNCDB and allows Sync DB types to be localized and uniformly displayed, etc.

Column(s) of "TBL_SYNCDBTYPE" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
SYNCDBTYPEID	uniqueidentifier		NOT NULL	Yes	No
TYPENUM	tinyint	Foreign Keyed in TBL_SYNCDB.	NOT NULL	No	No
NAME	nvarchar(64)	Identifying Name of the Sync DB Type.	NOT NULL	No	No
DESCRIPTION	nvarchar(128)	Optional narrative description of the record.	NULL	No	No
CREATEUSERID	uniqueidentifier	Original record creator.	NOT NULL	No	No
CREATEDATE	datetime	Date and Time the record was created.	NOT NULL	No	No
ISCUSTOM	bit	BOOLEAN. Identifies if the record was custom added by the user or application: 0 = Not Custom 1 = Custom	NOT NULL	No	No

Index(s) of "TBL_SYNCDBTYPE" Table		
Name	Type	Unique
TBL_SYNCDBTYPE_PK	PK	Yes
TBL_SYNCDBTYPE_AK1	AK1	Yes

**Member(s) of "TBL\_SYNCDBTYPE\_PK" Index**

Column
Name
SYNCDBTYPEID

**Member(s) of "TBL\_SYNCDBTYPE\_AK1" Index**

Column
Name
TYPENUM

Table(s) of "TBL_EXECUTE" Picture Object	
Name	TBL_EXECUTE
Comment	

Column(s) of "TBL_EXECUTE" Table					
Name	Datatype	Comment	Null Option	Is PK	Is FK
EXECUTEID	uniqueidentifier		NOT NULL	Yes	No
STATEMENT	nvarchar(max)		NULL	No	No
RUNCOUNT	int		NULL	No	No

Index(s) of "TBL_EXECUTE" Table		
Name	Type	Unique
TBL_EXECUTE_PK	PK	Yes

**Member(s) of "TBL\_EXECUTE\_PK" Index**

Column
Name
EXECUTEID