



Medidata Rave® Version 5.6

Data Model Guide

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Medidata Solutions, Inc.
Corporate Office
79 Fifth Ave.
New York, N.Y. 10003
(212) 918-1800

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1 Introduction

Please read the following carefully. This file contains the Rave 5.6 data model, which includes:

1. The Data Model Guide (This document)
2. A set of Entity Relationship Diagrams (ERDs)
3. An alphabetical listing of all the Rave database tables

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2 The Entity Relationship Diagrams

When reviewing ERDs, please note the following:

- The one-to-many relationship between two tables is reflected in the line terminators of the line connecting them:
 - When a single-line terminator connects to a table – only a single record (row) in this table related to the table where the line originated
 - When a multi-line terminator (Crow's Feet) connects to a table – multiple records (rows) in this table may relate to the table at the other end of the line.
- Typically, these diagrams are rather large, and for a clear view you may need magnification when viewing online.

The following diagrams are included:

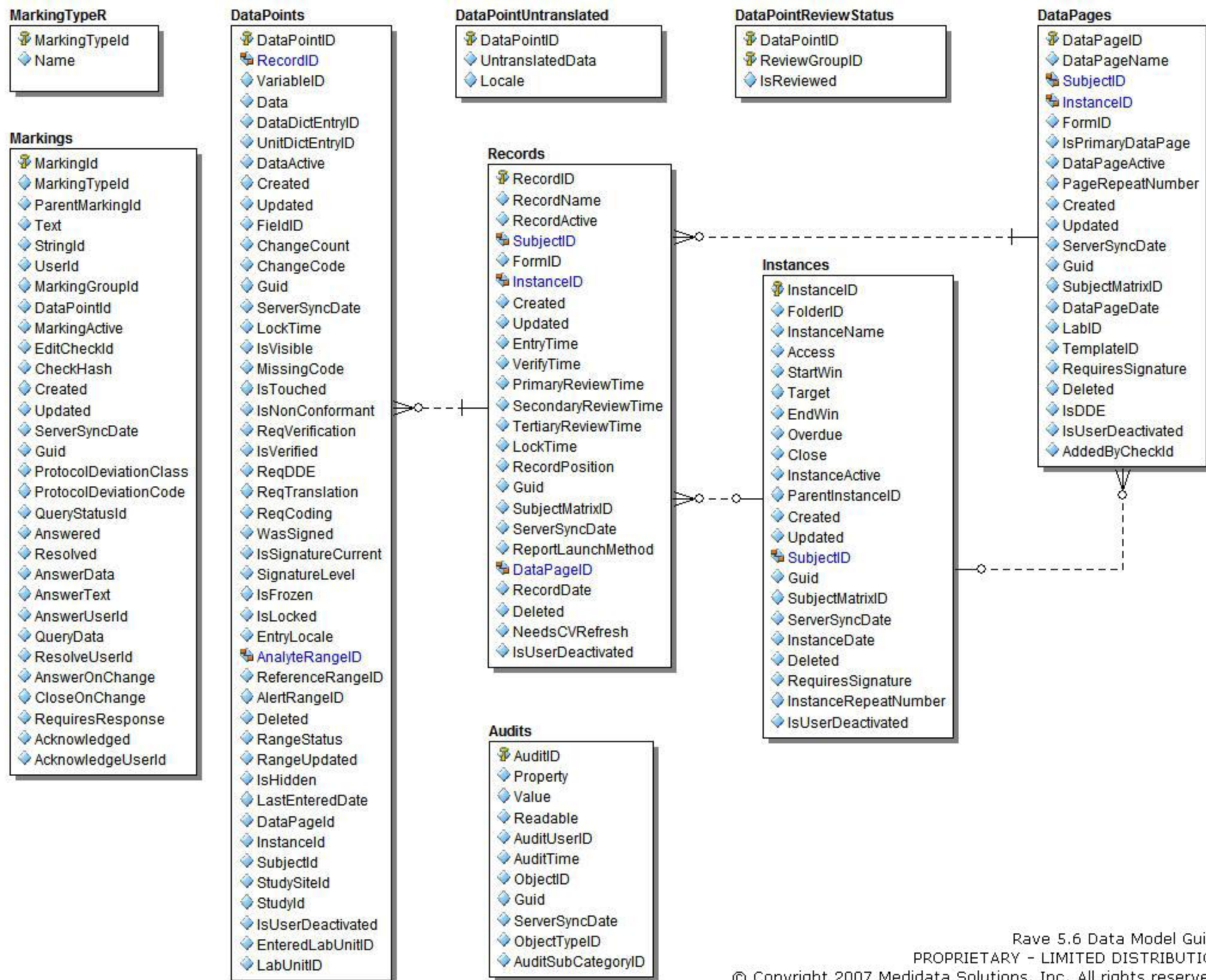
- **Rave 5.6 DataPoints** – A data point is the basic unit of data in Rave, containing information about the data entered in a CRF Form field. This diagram shows the DataPoints table and its related tables.
- **Rave 5.6 CRF Versions** – This diagram shows the tables that contain all the information needed to make up a CRF version with its folders, forms and fields, as well as the tables containing the folder-form matrices and the edit checks and derivations information.
- **Rave 5.6 Edit Checks and Derivations** – This diagram shows tables related to edit checks, derivations and custom functions, and their relationship to CRF versions and CRF drafts.
- **Rave 5.6 Status Objects** – This diagram shows the Subjects table, holding information about the subjects participating in the clinical trial, and its relationship to the meta-tables outlining the subject's folder instances (Instances), forms (DataPages), rows (Records) and fields (DataPoints).
- **Rave 5.6 User Permissions** – This diagram shows the user information tables, and their relationships to the user Role and the Role actions and permissions.
- **Rave 5.6 Architect Security** – This diagram shows the module security model which was introduced in Rave 5.6 for Architect Security, including security groups and security roles.
- **Rave 5.6 Audits.jpg** – This diagram shows the set of tables containing the Audit information.
- **Rave 5.6 Lab Ranges** – This diagram shows the set of tables involved with the Lab Administration module of Rave.

3 The Database Tables Glossary

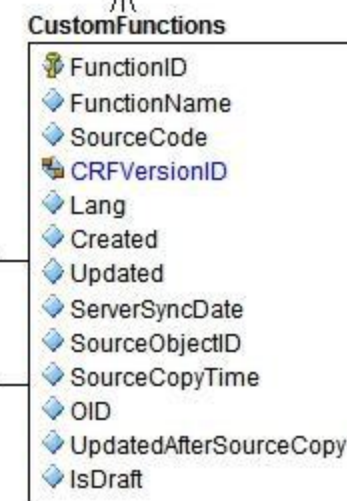
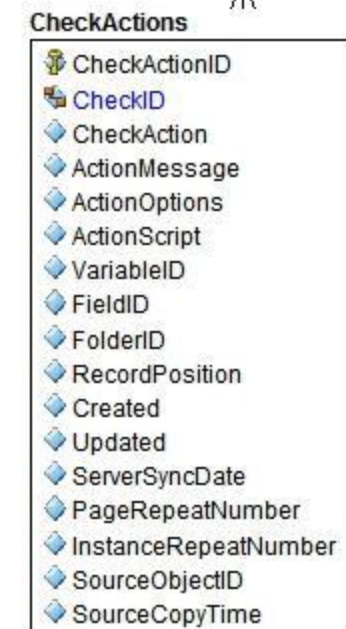
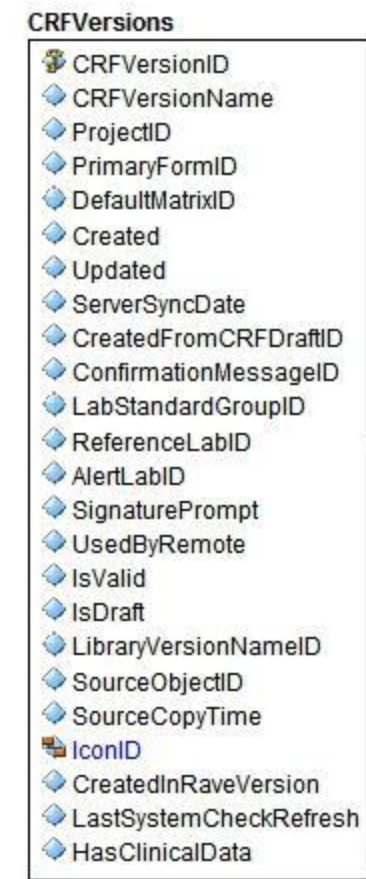
The Rave 5.6 Database Tables section contains an alphabetical listing of all database tables, with comments as to the purpose of each column. Table names appear in bold above their list of columns.

NOTE: For your convenience, tables or columns which are new to Rave 5.6 are highlighted in red.

Rave 5.6 DataPoints



Rave 5.6 CRF Versions



Rave 5.6 Edit Checks and Derivations

Derivations

DerivationID
DerivationName
Active
CRFVersionID
Created
Updated
ServerSyncDate
OID
FieldID
FolderID
RecordPosition
AllVariablesInFolders
AllVariablesInFields
PageRepeatNumber
InstanceRepeatNumber
IsNotBatchRunnable
SourceObjectID
SourceCopyTime
UpdatedAfterSourceCopy
IsDraft
IsNotUploadRunnable

CRFVersions

CRFVersionID
CRFVersionName
ProjectID
PrimaryFormID
DefaultMatrixID
Created
Updated
ServerSyncDate
CreatedFromCRFDraftID
ConfirmationMessageID
LabStandardGroupID
ReferenceLabID
AlertLabID
SignaturePrompt
UsedByRemote
IsValid
IsDraft
LibraryVersionNameID
SourceObjectID
SourceCopyTime
IconID
CreatedInRaveVersion
LastSystemCheckRefresh
HasClinicalData

CheckActions

CheckActionID
CheckID
CheckAction
ActionMessage
ActionOptions
ActionScript
VariableID
FieldID
FolderID
RecordPosition
Created
Updated
ServerSyncDate
PageRepeatNumber
InstanceRepeatNumber
SourceObjectID
SourceCopyTime

Checks

CheckID
CheckName
LoopType
RunType
CheckActive
CRFVersionID
Created
Updated
ServerSyncDate
OID
IsReadOnly
IsNotBatchRunnable
IsValid
SourceObjectID
SourceCopyTime
UpdatedAfterSourceCopy
IsDraft
IsNotUploadRunnable

Derivation Steps

DerivationStepID
DerivationID
StepOrdinal
DataFormat
VariableID
StepValue
StepFunction
FieldID
FolderID
CustomFunctionID
RecordPosition
Created
Updated
ServerSyncDate
LogicalRecordPosition
PageRepeatNumber
InstanceRepeatNumber
SourceObjectID
SourceCopyTime

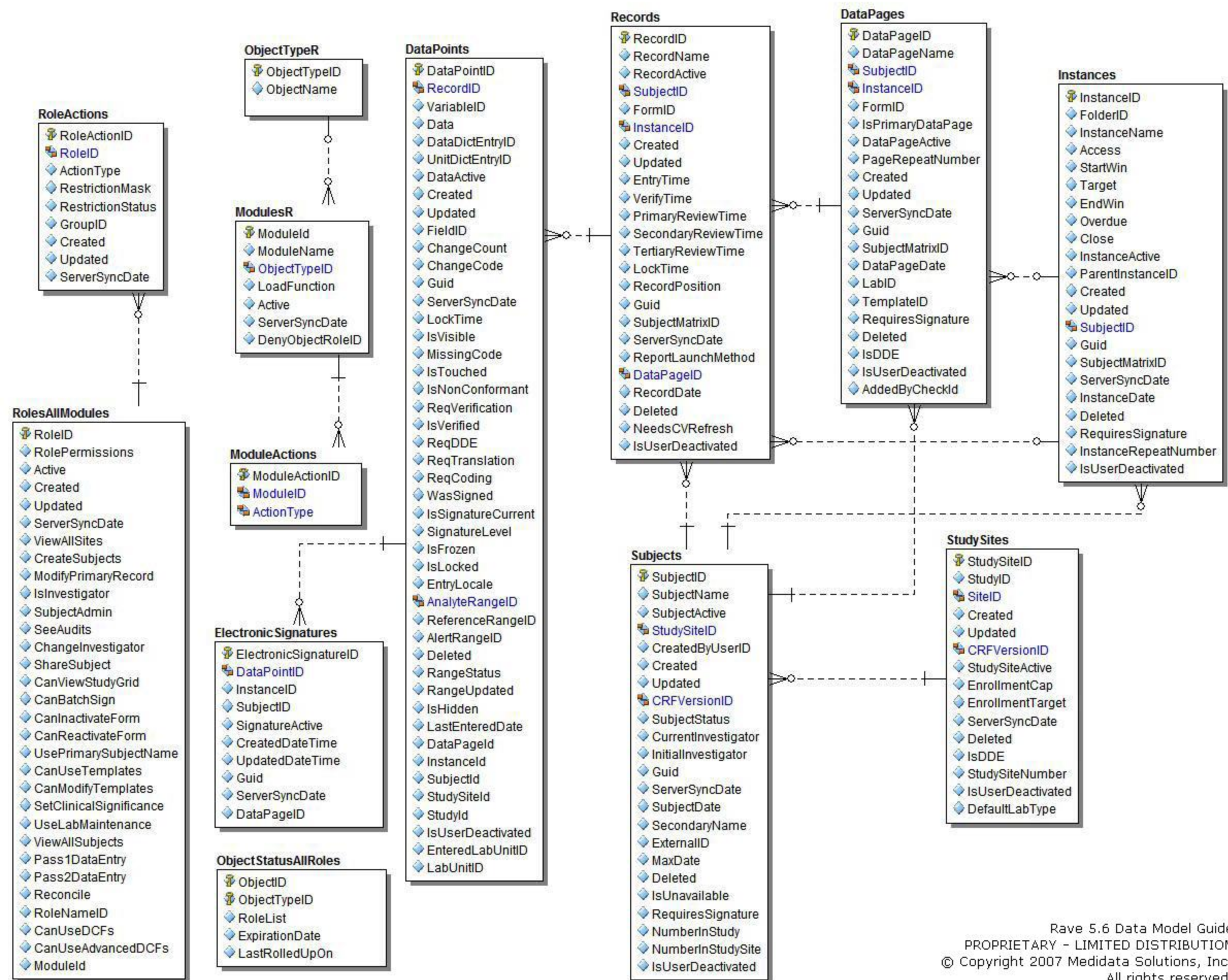
CustomFunctions

FunctionID
FunctionName
SourceCode
CRFVersionID
Lang
Created
Updated
ServerSyncDate
SourceObjectID
SourceCopyTime
OID
UpdatedAfterSourceCopy
IsDraft

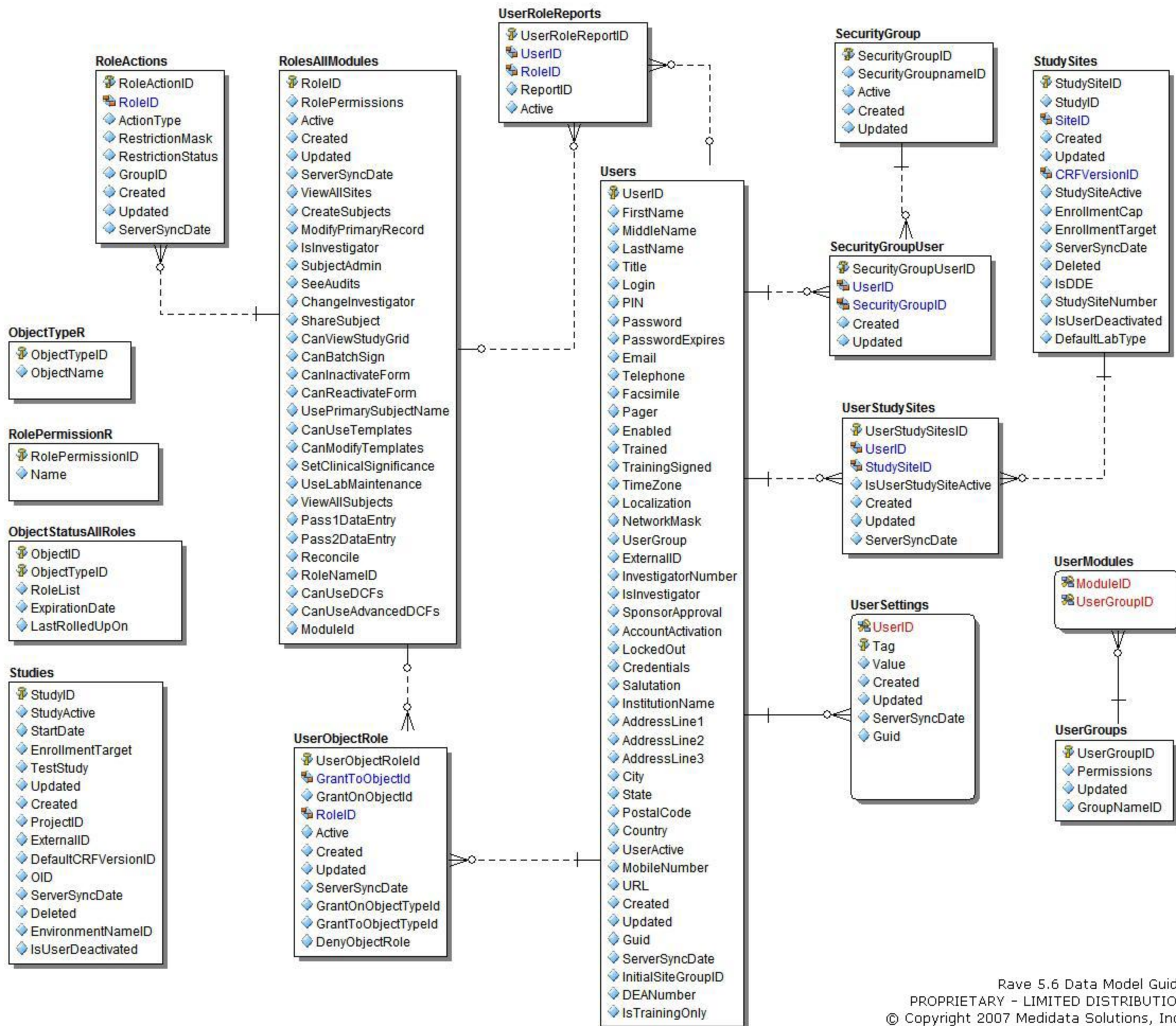
CheckSteps

CheckStepID
CheckID
StepOrdinal
CheckFunction
StaticValue
VariableID
FieldID
FolderID
RecordPosition
LineNumber
CustomFunctionID
DataFormat
Created
Updated
ServerSyncDate
LogicalRecordPosition
PageRepeatNumber
InstanceRepeatNumber
SourceObjectID
SourceCopyTime

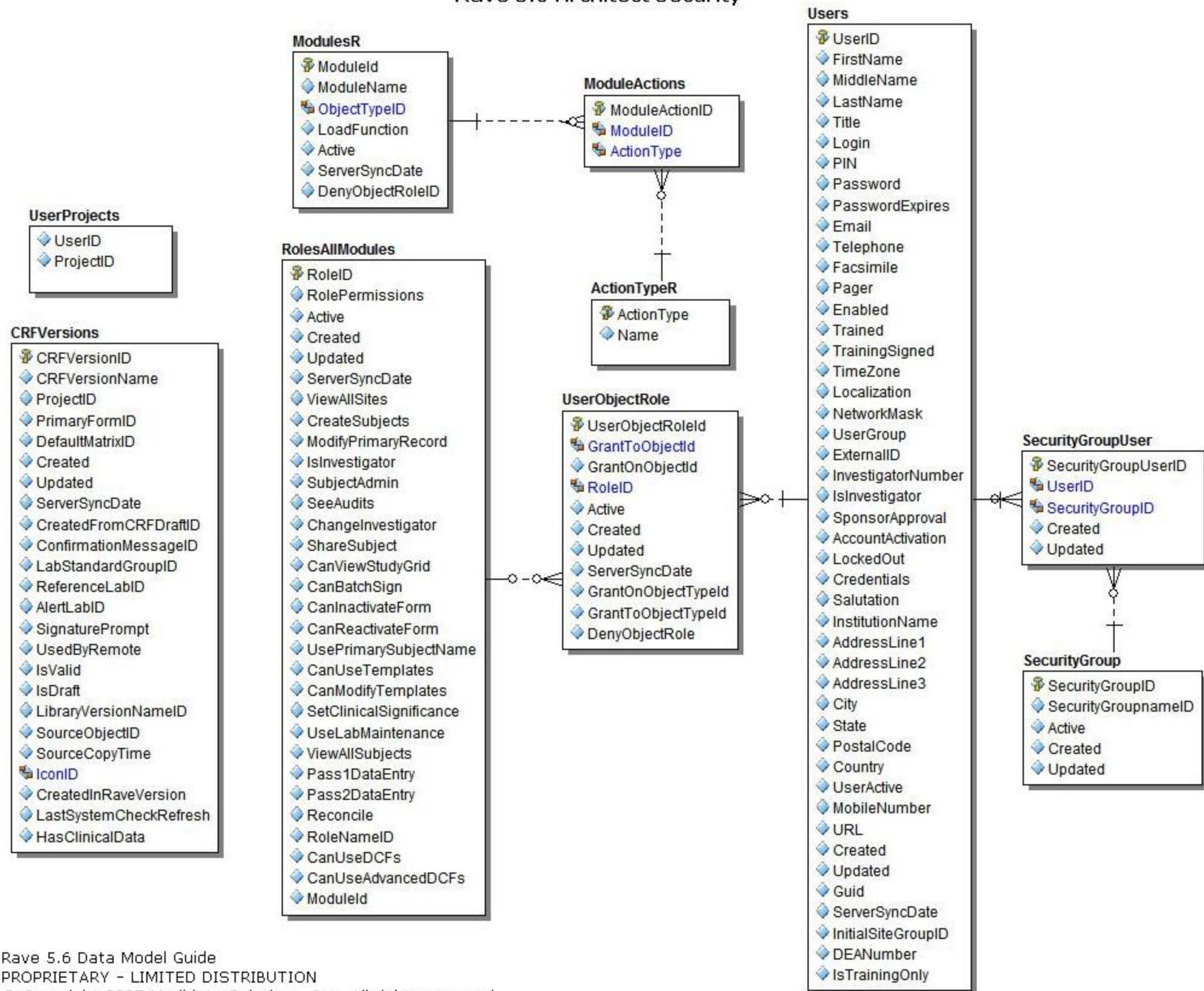
Rave 5.6 Status Objects



Rave 5.6 User Permissions





Rave 5.6 Architect Security



Rave 5.6 Audits

ObjectTypeR

-  ObjectTypeID
-  ObjectName

Audits

-  AuditID
-  Property
-  Value
-  Readable
-  AuditUserID
-  AuditTime
-  ObjectID
-  Guid
-  ServerSyncDate
-  ObjectTypeID
-  AuditSubCategoryID




AuditSubCategoryR

-  ID
-  Name
-  AuditCategoryID

AuditCategoryR

-  ID
-  Name

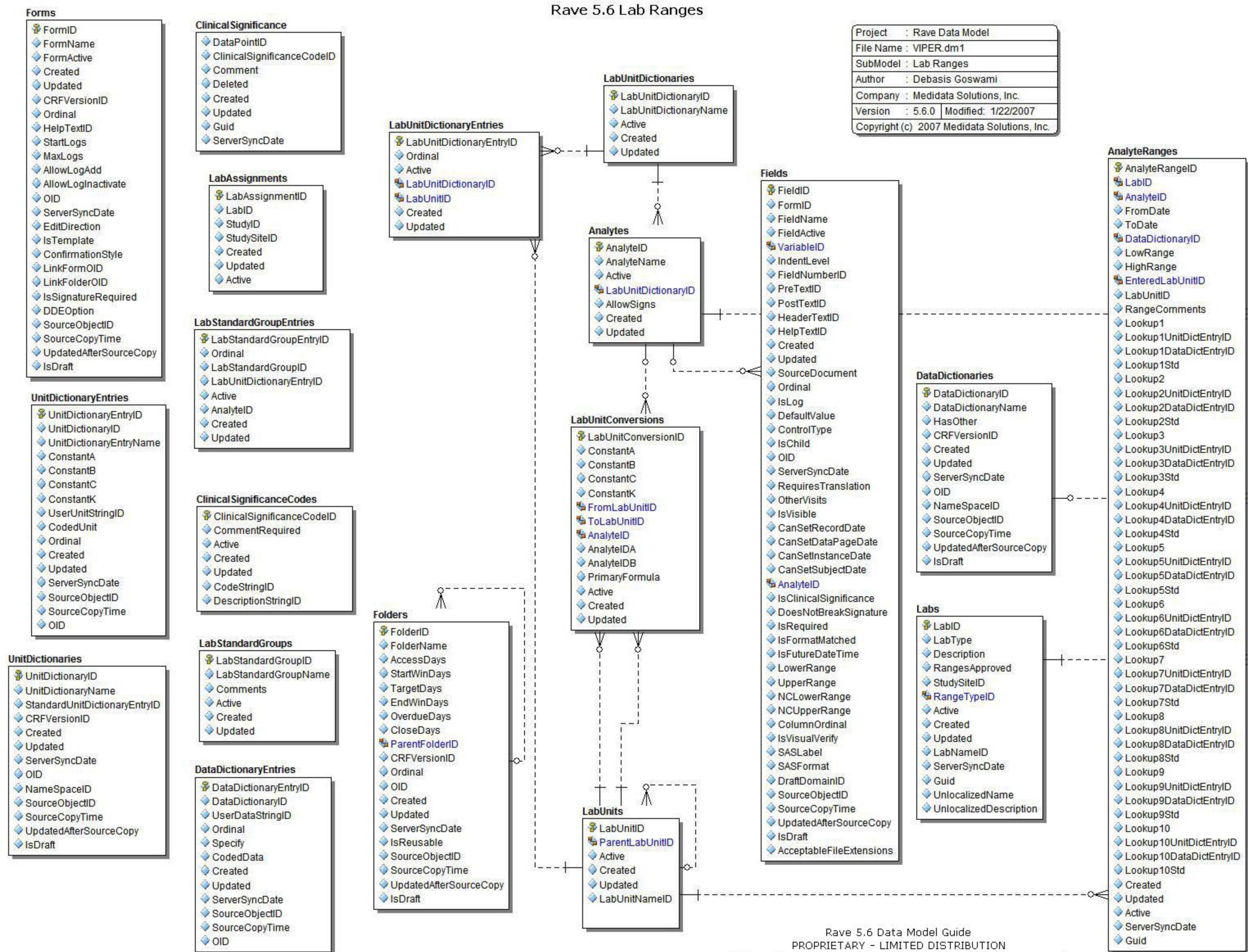
AuditActionRestrictions

-  AuditCategoryID
-  ActionTypeID
-  Updated



Rave 5.6 Lab Ranges

Project	: Rave Data Model
File Name	: VIPER.dm1
SubModel	: Lab Ranges
Author	: Debasis Goswami
Company	: Medidata Solutions, Inc.
Version	: 5.6.0
Modified	: 1/22/2007
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Rave 5.6 Database Tables

Table / Column name	Data Type	Explanation
ActionTypeR		List of valid actions
ActionType	int	Unique identifier
Name	nvarchar(100)	Name
Activations		Account activations
Activated	datetime	Date activated
ActivationCode	char	Activation code
ActivationID	int	Primary key
ActivationStatus	int	Status
Attempts	int	Number of activation attempts
Completed	bit	0=Not Completed 1=Completed
Created	datetime	Creation timestamp
CreatedByUserID	int	User that created the activation
LastAttempt	datetime	Date of last attempt
UserID	int	Foreign key to Users
ActivationStatusR		List of valid activation status codes
ActivationStatus	int	Unique identifier
Name	nvarchar(100)	Name
AL9000StatusHash		Table that temporarily stores Architect Loader upload status data
HashSerialization	varbinary	Binary serialization of the status hashtable
SessionID	varchar(100)	ID of the currently active session
UserAbort	bit	1=aborting, 0=continuing
AL9000UploadTrail		Architect Loader Upload Trail
CRFDraftID	int	Foreign key to relevant draft ID
DraftBackup	varbinary	zip data of the excel file containing draft backup
RestoredToEntryID	int	If this is a restore entry, the ID of the entry it was restored from
UploadDateTime	datetime	Datetime of upload
UploadedByUserID	int	Foreign key to ID of user who created the entry
UploadedFile	varbinary	zip data of the excel file uploaded in this entry
UploadTrailEntryID	int	Primary key
UploadType	varchar(50)	Upload type enumeration
AnalyteRangeChanges		Queue of changes to lab ranges (internal use only)
AnalyteRangeChangeID	int	Primary key
AnalyteRangeID	int	Foreign key to AnalyteRanges
UserID	int	Foreign key to Users
AnalyteRanges		Lab ranges
Active	bit	0=Inactive 1=Active
AnalyteID	int	Foreign key to Analytes
AnalyteRangeID	int	Primary key
Created	datetime	Creation timestamp
DataDictionaryID	int	Foreign key to DataDictionaries
EnteredLabUnitID	int	Id of entered lab unit
FromDate	datetime	Start effective date
Guid	varchar(36)	GUID
HighRange	float	High value of range
LabID	int	Foreign key to Labs
LabUnitID	int	Foreign key to LabUnits
Lookup1	nvarchar(255)	Value for first lookup variable in the associated range type (e.g. "Sex")
Lookup10	nvarchar(255)	As above
Lookup10DataDictEntryID	int	As above
Lookup10Std	nvarchar(255)	As above
Lookup10UnitDictEntryID	int	As above
Lookup1DataDictEntryID	int	Dictionary entry id of first lookup variable (e.g. "Male")
Lookup1Std	nvarchar(255)	Standard value of first lookup variable (e.g. "M")
Lookup1UnitDictEntryID	int	Unit dictionary entry for first lookup variable (e.g. "Years" for variable "From Age")
Lookup2	nvarchar(255)	As above for 2nd variable
Lookup2DataDictEntryID	int	As above
Lookup2Std	nvarchar(255)	As above
Lookup2UnitDictEntryID	int	As above
Lookup3	nvarchar(255)	As above
Lookup3DataDictEntryID	int	As above
Lookup3Std	nvarchar(255)	As above
Lookup3UnitDictEntryID	int	As above
Lookup4	nvarchar(255)	As above
Lookup4DataDictEntryID	int	As above
Lookup4Std	nvarchar(255)	As above
Lookup4UnitDictEntryID	int	As above
Lookup5	nvarchar(255)	As above
Lookup5DataDictEntryID	int	As above
Lookup5Std	nvarchar(255)	As above
Lookup5UnitDictEntryID	int	As above

Table / Column name	Data Type	Explanation
Lookup6	nvarchar(255)	As above
Lookup6DataDictEntryID	int	As above
Lookup6Std	nvarchar(255)	As above
Lookup6UnitDictEntryID	int	As above
Lookup7	nvarchar(255)	As above
Lookup7DataDictEntryID	int	As above
Lookup7Std	nvarchar(255)	As above
Lookup7UnitDictEntryID	int	As above
Lookup8	nvarchar(255)	As above
Lookup8DataDictEntryID	int	As above
Lookup8Std	nvarchar(255)	As above
Lookup8UnitDictEntryID	int	As above
Lookup9	nvarchar(255)	As above
Lookup9DataDictEntryID	int	As above
Lookup9Std	nvarchar(255)	As above
Lookup9UnitDictEntryID	int	As above
LowRange	float	Low value of range
RangeComments	nvarchar(255)	Comments for the range
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
ToDate	datetime	End effective date
Updated	datetime	Update timestamp
Analytes		
Active	bit	0=Inactive 1=Active
AllowSigns	bit	0=Do not allow preceding < and > signs in the data 1=Allow signs
AnalyteID	int	Primary key
AnalyteName	nvarchar(255)	Name
Created	datetime	Creation timestamp
LabUnitDictionaryID	int	Foreign key to LabUnitDictionaries
Updated	datetime	Update timestamp
ArchitectCopySources		
AppDraftId	int	Applied to DraftId
AppProjectId	int	Applied to ProjectId
AppVersionId	int	Applied to VersionId
CopySourceId	int	Primary key
CRFVersionId	int	CRF VersionId of the copy source project
Ordinal	int	Ordinal
ProjectId	int	ProjectId of the copy source project
AuditActionRestrictions		
ActionTypeID	int	Foreign key to ActionTypeR
AuditCategoryID	int	Foreign key to AuditCategoryR
Updated	datetime	Update timestamp
AuditCategoryR		
ID	int	Primary key
Name	nvarchar(100)	Name
Audits		
AuditID	int	Primary key
AuditSubCategoryID	int	Foreign key to AuditSubCategoryR
AuditTime	datetime	Timestamp
AuditUserID	int	User making the change that triggered the audit record
Guid	varchar(36)	Globally unique identifier
ObjectID	int	ID of object being audited
ObjectTypeID	tinyint	Type of object being audited (in ObjectTypeR)
Property	nvarchar(50)	Property being audited
Readable	nvarchar(2200)	English text describing the change
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
Value	nvarchar(2048)	New value
AuditSubCategoryR		
AuditCategoryID	int	Foreign key to AuditCategoryR
ID	int	Primary key
Name	nvarchar(100)	Name
ChangeCodeRoles		
ChangeCode	int	ChangeCodes
ChangeCodeRoleID	int	Primary key
Created	datetime	Creation timestamp
RoleID	smallint	Foreign key to RolesAllModules
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
Updated	datetime	Update timestamp
ChangeCodes		
ChangeCode	int	Unique identifier
Created	datetime	Creation timestamp
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user

Table / Column name	Data Type	Explanation
StringID	int	ForeignKey to StringID in LocalizedDataStrings
Updated	datetime	Update timestamp
CheckActions		Actions within an edit check
ActionMessage	int	Message (localized)
ActionOptions	int	Encoded parameters the Action requires in order to execute
ActionScript	nvarchar(4000)	Script for the CheckAction
CheckAction	nvarchar(50)	Name of the CheckAction
CheckActionID	int	Primary key
CheckID	int	Foreign key to Checks
Created	datetime	Creation timestamp
FieldID	int	Foreign key to Fields
FolderID	int	Foreign key to Folders
InstanceRepeatNumber	int	Sequential Instance Number
PageRepeatNumber	int	Sequential Data Page Number
RecordPosition	int	Record position number
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
SourceCopyTime	datetime	DateTime when this instance record was created by copy from a source in a Global Library or a Project using GL copy feature.
SourceObjectID	int	Identifier for the Source Object from which this object was copied from using Global Library.
Updated	datetime	Update timestamp
VariableID	int	Foreign key to Variables
Checks		Edit Checks
CheckActive	bit	0=Inactive 1=Active
CheckID	int	Primary key
CheckName	nvarchar(450)	Name
Created	datetime	Creation timestamp
CRFVersionID	int	Foreign key to CRFVersions
IsDraft	bit	Indicates if the current record belongs to a draft or a version. 0=Version, 1=Draft.
IsNotBatchRunnable	bit	0=Is Batch Runnable 1=Is Not Batch Runnable
IsNotUploadRunnable	bit	0=Is Upload Runnable 1=Is Not Upload Runnable
IsReadOnly	bit	0=Is Not Read Only 1=Is Read Only
IsValid	bit	0=Is Not Valid 1=Is Valid
LoopType	int	Not implemented
OID	varchar(50)	Unique object identifier
RunType	int	Not implemented
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
SourceCopyTime	datetime	DateTime when this instance record was created by copy from a source in a Global Library or a Project using GL copy feature.
SourceObjectID	int	Identifier for the Source Object from which this object was copied from using Global Library.
Updated	datetime	Update timestamp
UpdatedAfterSourceCopy	datetime	The DateTime value for when the current record was last updated after being sourced using Global Library Copy feature.
CheckSteps		Steps within an edit check
CheckFunction	nvarchar(50)	Function to be called
CheckID	int	Foreign key to Checks
CheckStepID	int	Primary key
Created	datetime	Creation timestamp
CustomFunctionID	int	Foreign key to CustomFunctions
DataFormat	nvarchar(50)	Data format
FieldID	int	Foreign key to Fields
FolderID	int	Foreign key to Folders
InstanceRepeatNumber	int	Sequential Instance Number
LineNumber	int	Check line number
LogicalRecordPosition	int	Foreign key to LogicalRecordPositionR
PageRepeatNumber	int	Sequential Data Page Number
RecordPosition	int	Record position number
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
SourceCopyTime	datetime	DateTime when this instance record was created by copy from a source in a Global Library or a Project using GL copy feature.
SourceObjectID	int	Identifier for the Source Object from which this object was copied from using Global Library.
StaticValue	nvarchar(50)	Fixed value
StepOrdinal	int	Sequential counter
Updated	datetime	Update timestamp
VariableID	int	Foreign key to Variables
ClinicalSignificance		Clinical significance entry for an out of range lab value
ClinicalSignificanceCodeID	int	Foreign key to ClinicalSignificanceCodes
Comment	nvarchar(255)	Comments
Created	datetime	Creation timestamp
DataPointID	int	Foreign key to DataPoints
Deleted	bit	0=Current 1=Deleted
Guid	varchar(36)	Globally unique identifier
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user

Table / Column name	Data Type	Explanation
Updated	datetime	Update timestamp
ClinicalSignificanceCodes		Master list of clinical significance codes
Active	bit	0=Inactive 1=Active
ClinicalSignificanceCodeID	int	Primary key
CodeStringID	int	Id of string for the code
CommentRequired	bit	0=No Comment Required 1=Comment Required
Created	datetime	Creation timestamp
DescriptionStringID	int	Id of string for the description
Updated	datetime	Update timestamp
ClinicalViewClinSigStatusR		Clinical Significance status codes in the clinical views
ClinSigStatus	int	Status
Description	varchar(50)	Description
ClinicalViewColumns		The columns in a clinical view
ClinicalViewColumnId	int	Unique identifier
ClinicalViewId	int	Foreign key to ClinicalViews
ColumnName	varchar(100)	Name of the column
ColumnTypeId	int	Type of column, from ClinicalViewColumnType
Created	datetime	Creation timestamp
DataFormat	nvarchar(255)	Data format
FieldOID	varchar(50)	OID of field that is the basis for the column
HasCodingDictionary	bit	Has a coding dictionary
HasDataDictionary	bit	Has a data dictionary
HasStandardValue	bit	Has a standard value
HasUnitDictionary	bit	Has a unit dictionary
Ordinal	int	Sequential order of column in the view
RequiresTranslation	bit	Requires translation
SASFormat	nvarchar(25)	SAS Format
SASLabel	nvarchar(256)	SAS Label
Updated	datetime	Update timestamp
ClinicalViewColumnTypeR		Types of column in the clinical views (e.g., header, field, std value)
ColumnType	varchar(50)	Name
ColumnTypeId	int	Id
ClinicalViewControl		Control table for clinical views (internal use only)
AppServerName	nvarchar(100)	App server that started the clinical views
AppServerPort	int	Port for the app server
Cmd	int	Command (0=stop 1 = start)
CurrentStatus	int	Current status - values in ClinicalViewStatusR
EndExecTime	datetime	End time for scheduled execution
EndTime	datetime	Most recent timestamp when execution ended
IncrementExecTime	bit	0=Do Not Increment Scheduled Exec Time 1=Increment Exec Time
StartExecTime	datetime	Start time for scheduled execution
StartTime	datetime	Most recent timestamp when execution started
WaitSeconds	int	Seconds to wait between executions
ClinicalViewControlTracking		Record of start and stop commands for the clinical view refresh
Cmd	varchar(50)	Command (e.g., Start, Force Start)
CmdTime	datetime	Time of command
Result	varchar(50)	Result of command
TrackingId	int	Internal id
ClinicalViewErrors		Errors populating ReportingRecords table
FormId	varchar(50)	Form object identifier
ProjectId	int	Foreign key to Projects
RecordId	int	Foreign key to Records
Save_ts	datetime	Timestamp of save attempt
sql1	nvarchar(4000)	Part 1 of SQL statement
sql10	nvarchar(4000)	Part 10 of SQL statement (if any)
sql11	nvarchar(4000)	Part 11 of SQL statement (if any)
sql12	nvarchar(4000)	Part 12 of SQL statement (if any)
sql13	nvarchar(4000)	Last part of SQL statement
sql2	nvarchar(4000)	Part 2 of SQL statement (if any)
sql3	nvarchar(4000)	Part 3 of SQL statement (if any)
sql4	nvarchar(4000)	Part 4 of SQL statement (if any)
sql5	nvarchar(4000)	Part 5 of SQL statement (if any)
sql6	nvarchar(4000)	Part 6 of SQL statement (if any)
sql7	nvarchar(4000)	Part 7 of SQL statement (if any)
sql8	nvarchar(4000)	Part 8 of SQL statement (if any)
sql9	nvarchar(4000)	Part 9 of SQL statement (if any)
ClinicalViewProjectResults		Results of view refresh for an individual form in a projects
EndTime	datetime	Most recent timestamp when execution ended
FormOID	varchar(50)	Form object identifier
NumDeletes	int	Number of deletes
NumErrors	int	Number of errors

Table / Column name	Data Type	Explanation
NumInserts	int	Number of inserts
NumUpdates	int	Number of updates
ProjectId	int	Foreign key to Projects
SecondsElapsed	int	Elapsed seconds
StartTime	datetime	Most recent timestamp when execution started
ClinicalViewProjects		Control table for project refresh of clinical views
EndTime	datetime	Most recent timestamp when execution ended
LastFullRefresh	datetime	Timestamp of last "full" refresh
ProjectId	int	Foreign key to Projects
RunMode	int	Type of run - values in ClinicalViewRunModeR
SecondsElapsed	int	Elapsed seconds
StartTime	datetime	Most recent timestamp when execution started
ClinicalViewRunModeR		Types of run mode for clinical views
RunModeId	int	Unique identifier
runModename	varchar(50)	Description
ClinicalViews		List of generated clinical views
ClinicalViewId	int	Unique identifier
Created	datetime	Creation timestamp
Description	nvarchar(100)	Description
FormOID	varchar(50)	OID of form that is the basis for the view
ProjectId	int	Project Id
Updated	datetime	Update timestamp
ViewName	varchar(100)	Name of view
ClinicalViewStatusR		Possible status codes for clinical view controller
StatusId	int	Unique identifier
StatusName	varchar(50)	Description
ClinicalViewTemplateDefinitions		Description of header columns in the clinical views
ColumnName	varchar(128)	Column name
SASFormat	nvarchar(25)	SAS format
SASLabel	nvarchar(256)	SAS Label
CodingColumns		Levels within a coding dictionary (e.g. "Preferred Term")
CodingColumnId	int	Primary key
CodingColumnName	nvarchar(255)	Name
CodingDictionaryId	int	Foreign key to CodingDictionaries
Created	datetime	Creation timestamp
DefaultCodingLevel	bit	0=Not Default Coding Level 1=Default Coding Level (1 per dictionary)
Updated	datetime	Update timestamp
CodingDictionaries		Coding (Medical) dictionaries - e.g. MedDRA
CodingDictionaryId	int	Unique identifier
Created	datetime	Creation timestamp
DictionaryName	nvarchar(50)	Name
DictionaryVersion	nvarchar(50)	Version
Updated	datetime	Update timestamp
CodingEntries		Terms within a coding dictionary (e.g. HEADACHE)
Code	nvarchar(255)	Dictionary code
CodingColumnId	int	Foreign key to CodingColumns
CodingEntryId	int	Unique identifier
Created	datetime	Creation timestamp
Term	nvarchar(255)	Dictionary term
Updated	datetime	Update timestamp
CodingMap		Hierarchy within a coding dictionary
ChildEntryId	int	Coding entry id of child term
Created	datetime	Creation timestamp
ParentEntryId	int	Coding entry id of parent term
Updated	datetime	Update timestamp
CodingValues		Coded datapoints
CodingEntryId	int	Foreign key to CodingEntries
CodingValueId	int	Primary key
FieldID	int	Foreign key to Fields
RecordID	int	Foreign key to Records
Configuration		Installation-Wide Configuration Settings
ConfigValue	varchar(1024)	Value for the setting
Created	datetime	Creation timestamp
ID	int	Primary key
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
StudyID	int	Foreign key to Studies
Tag	varchar(64)	Unique tag for the setting
Updated	datetime	Update timestamp

Table / Column name	Data Type	Explanation
Counters		Internal use only
CounterName	varchar(50)	
CounterValue	int	
CRFFiles		CRF Attachments
FieldId	int	Foreign key to ID of the field that is associated with the file
FileData	image	File data
FileID	int	Primary key
Filename	nvarchar(200)	Name of the file
Guid	char	GUID
RecordId	int	Record ID
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
Updated	datetime	Updated
CRFVersions		Versions of CRFs, plus CRF drafts
AlertLabID	int	ID for the alert Lab
ConfirmationMessageID	int	ID of the localized string that is displayed to the User when a page is submitted.
Created	datetime	Creation timestamp
CreatedFromCRFDraftID	int	The ID CRFDraft that the CRFVersion was created from
CreatedInRaveVersion	varchar(20)	Indicates the Rave application release number using which the current CRF Version was created.
CRFVersionID	int	Primary key
CRFVersionName	int	Name (localized)
DefaultMatrixID	int	ID of the default Matrix
HasClinicalData	bit	0=has no subject data, 1=has subject data
IconID	int	LibraryIcon Foreign Key
IsDraft	bit	Indicates if the current record belongs to a draft or a version. 0=Version, 1=Draft.
IsValid	bit	0=Is Not Valid 1=Is Valid
LabStandardGroupID	int	Foreign key to LabStandardGroups
LastSystemCheckRefresh	datetime	Last time system edit checks were refreshed
LibraryVersionNameID	int	Localized name of global library versions
PrimaryFormID	int	ID of the primary Form
ProjectID	int	Foreign key to Projects
ReferenceLabID	int	ID of the reference Lab for the CRFDraft
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
SignaturePrompt	int	ID of the localized string that is the prompt for signature fields
SourceCopyTime	datetime	DateTime when this instance record was created by copy from a source in a Global Library or a Project using GL copy feature.
SourceObjectID	int	Identifier for the Source Object from which this object was copied from using Global Library.
Updated	datetime	Update timestamp
UsedByRemote	bit	0=Not UsedByRemote 1=UsedByRemote
CrystalFieldLocales		Locales (languages) for fields in a report
Created	datetime	Creation timestamp
CrystalFieldID	int	Reference to CrystalField table
CrystalFieldLocaleID	int	The ID
Locale	char	Locale (language)
NewAlignment	int	New value for this Field/Locale combination
NewFontFamily	varchar(100)	New value for this Field/Locale combination
NewFontSize	int	New value for this Field/Locale combination
NewFontStyle	int	New value for this Field/Locale combination
Updated	datetime	Update timestamp
CrystalFields		Fields in a report
Created	datetime	Creation timestamp
CrystalFieldID	int	The ID
CrystalFieldObjectName	varchar(100)	Field object name as it is specified in the .rpt file
CrystalSubreportName	varchar(100)	NULL if it is main report, the name of the subreport otherwise
DataSourceKind	varchar(100)	DatabaseField, FormulaField, GroupNameField, SpecialVarField, SummaryField
DataSourceName	varchar(1000)	Usually it is a field name from the stored proc, but it also could be a group name, aggregate func and so on
Deleted	int	0=Current 1=Deleted
OriginalAlignment	int	Original value for the field as it is specified in the .rpt file
OriginalFontFamily	varchar(100)	Original value for the field as it is specified in the .rpt file
OriginalFontSize	int	Original value for the field as it is specified in the .rpt file
OriginalFontStyle	int	Original value for the field as it is specified in the .rpt file
ReportID	int	Reference to Reports table
Updated	datetime	Update timestamp
CrystalLabelLocales		Locales (languages) for labels in a report
Created	datetime	Creation timestamp
CrystalLabelID	int	Reference to CrystalLabels
CrystalLabelLocaleID	int	The ID
Locale	char	Locale (language)
NewAlignment	int	New value for this Label/Locale combination
NewFontFamily	varchar(100)	New value for this Label/Locale combination
NewFontSize	int	New value for this Label/Locale combination

Table / Column name	Data Type	Explanation
NewFontStyle	int	New value for this Label/Locale combination
Updated	datetime	Update timestamp
CrystalLabels		Labels in a report
Created	datetime	Creation timestamp
CrystalLabelID	int	The ID
CrystalSubreportName	varchar(100)	NULL if it is main report, the name of the subreport otherwise
CrystalTextObjectName	varchar(100)	Text object name as it is specified in the .rpt file
Deleted	int	0=Current 1=Deleted
OriginalAlignment	int	Original value for the text object (label) as it is specified in the .rpt file
OriginalFontFamily	varchar(100)	Original value for the text object (label) as it is specified in the .rpt file
OriginalFontSize	int	Original value for the text object (label) as it is specified in the .rpt file
OriginalFontStyle	int	Original value for the text object (label) as it is specified in the .rpt file
OriginalText	nvarchar(1000)	Original text of the Text Object (Label)
ReportID	int	Reference to Reports table
StringID	int	Reference to LocalizedDataStrings
Updated	datetime	Creation timestamp
CrystalLocalizations		Locales (languages) for reports
Created	datetime	Creation timestamp
CrystalLocalizationID	int	Unique identifier
Enabled	bit	If 0, error message is displayed and no report is generated after Submit is clicked
Locale	char	Locale (language)
ReportID	int	Reference to Reports table
TranslationMethod	int	1 - dynamic, 2 - static
Updated	datetime	Creation timestamp
CustomFunctions		Custom Functions
Created	datetime	Creation timestamp
CRFVersionID	int	Foreign key to CRFVersions
FunctionID	int	Primary key
FunctionName	nvarchar(50)	Name of the CustomFunction
IsDraft	bit	Indicates if the current record belongs to a draft or a version. 0=Version, 1=Draft.
Lang	char	Computer language the function is written in
OID	varchar(50)	Unique object identifier
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
SourceCode	varchar(8000)	Source code for the custom function
SourceCopyTime	datetime	DateTime when this instance record was created by copy from a source in a Global Library or a Project using GL copy feature.
SourceObjectID	int	Identifier for the Source Object from which this object was copied from using Global Library.
Updated	datetime	Update timestamp
UpdatedAfterSourceCopy	datetime	The DateTime value for when the current record was last updated after being sourced using Global Library Copy feature.
DataDictionaries		Dictionaries (e.g. RACE)
Created	datetime	Creation timestamp
CRFVersionID	int	Foreign key to CRFVersions
DataDictionaryID	int	Foreign key to DataDictionaries
DataDictionaryName	int	ID of the localized string for the DataDictionaries name
HasOther	bit	0=Does Not Have Other (Specify) 1=Has Other
IsDraft	bit	Indicates if the current record belongs to a draft or a version. 0=Version, 1=Draft.
NameSpaceID	int	Not currently used
OID	varchar(50)	Unique object identifier
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
SourceCopyTime	datetime	DateTime when this instance record was created by copy from a source in a Global Library or a Project using GL copy feature.
SourceObjectID	int	Identifier for the Source Object from which this object was copied from using Global Library.
Updated	datetime	Update timestamp
UpdatedAfterSourceCopy	datetime	The DateTime value for when the current record was last updated after being sourced using Global Library Copy feature.
DataDictionaryEntries		Entries within a dictionary (e.g. CAUCASIAN)
CodedData	nvarchar(255)	Coded value for the DataDictionary Entry
Created	datetime	Creation timestamp
DataDictionaryEntryID	int	Foreign key to DataDictionaryEntries
DataDictionaryID	int	Foreign key to DataDictionaries
OID	varchar(50)	Unique object identifier
Ordinal	int	Sequential counter
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
SourceCopyTime	datetime	DateTime when this instance record was created by copy from a source in a Global Library or a Project using GL copy feature.
SourceObjectID	int	Identifier for the Source Object from which this object was copied from using Global Library.
Specify	bit	0=Don't Include Specify Field 1=Include Specify Field
Updated	datetime	Update timestamp
UserDataStringID	int	ID of the localized string displayed to the User

Table / Column name	Data Type	Explanation
DataPages		Completed CRF pages
AddedByCheckId	int	Identifier for the EditCheck which was responsible for adding this DataPage for the Subject.
Created	datetime	Creation timestamp
DataPageActive	bit	0=Inactive 1=Active
DataPageDate	datetime	Date set by a submitted date field in the DataPage's Form
DataPageID	int	Primary key
DataPageName	nvarchar(255)	Name
Deleted	bit	0=Current 1=Deleted
FormID	int	Foreign key to Forms
Guid	varchar(36)	Globally unique identifier
InstanceID	int	Foreign key to Instances
IsDDE	bit	0=Not DDE, 1=DDE
IsPrimaryDataPage	bit	0=Is Not Primary Data Page 1=Is Primary Data Page
IsUserDeactivated	bit	Indicates if the current DataPage was deactivated by a user. 0=false, 1=true
LabID	int	Foreign key to Labs
PageRepeatNumber	int	Sequential Data Page Number
RequiresSignature	bit	0=Doesn't Require Signature 1=Requires Signature
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
SubjectID	int	Foreign key to Subjects
SubjectMatrixID	int	ID of the SubjectMatrix that the DataPage belongs to
TemplateID	int	Foreign key to Templates
Updated	datetime	Update timestamp
DataPointReviewStatus		Review status for a datapoint
DataPointID	int	Foreign key to DataPoints
IsReviewed	bit	0=Is Not Reviewed 1=Is Reviewed
ReviewGroupID	int	Foreign key to ReviewGroups
DataPoints		Entered data for a field on a CRF
AlertRangeID	int	ID of the Lab alert range associated with the DataPoint
AnalyteRangeID	int	ID of the Lab range associated with the DataPoint
ChangeCode	int	ID of the DataPoint's ChangeCode
ChangeCount	int	The number of times a DataPoint has changed
Created	datetime	Creation timestamp
Data	nvarchar(2000)	The raw data stored by the DataPoint
DataActive	bit	0=Inactive 1=Active
DataDictEntryID	int	Represents the ID of the DataDictionaryEntry the DataPoint is set to
DataPageId	int	Foreign key to DataPages
DataPointID	int	Primary key
Deleted	bit	0=Current 1=Deleted
EnteredLabUnitID	int	The entered lab unit for a datapoint with "units only" as the lab
EntryLocale	char	The locale the DataPoint's Data was entered in
FieldID	int	Foreign key to Fields
Guid	nvarchar(36)	Globally unique identifier
InstanceId	int	Foreign key to Instances
IsFrozen	bit	0=Is Not Frozen 1=Is Frozen
IsHidden	bit	0=Is Not Hidden 1=Is Hidden
IsLocked	bit	0=Is Not Locked 1=Is Locked
IsNonConformant	bit	0=Is Not NonConformant 1=Is NonConformant
IsSignatureCurrent	bit	0=Signature not Current 1=Signature Current
IsTouched	bit	0=Is Not Touched 1=Is Touched
IsUserDeactivated	bit	Indicates if the current DataPoint was deactivated by a user. 0=false, 1=true
IsVerified	bit	0=Is Not Verified 1=Is Verified
IsVisible	bit	0=Is Not Visible 1=Is Visible
LabUnitID	int	The actual lab unit for a datapoint with "units only" as the lab
LastEnteredDate	datetime	Timestamp of last data entry/update
LockTime	datetime	The DateTime the DataPoint was locked
MissingCode	int	The ID of the MissingCode for the DataPoint
RangeStatus	smallint	The Lab range status (-2 = alert low -1 = low 0 = normal +1=high +2=alert high)
RangeUpdated	datetime	The DateTime the Lab range was updated
RecordID	int	Foreign key to Records
ReferenceRangeID	int	ID of the Lab reference range associated with the DataPoint
ReqCoding	bit	0=Doesn't Require Coding 1=Requires Coding
ReqDDE	bit	Not currently used
ReqTranslation	bit	0=Doesn't Require Translation 1=Requires Translation
ReqVerification	bit	0=Doesn't Require Verification 1=Requires Verification
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
SignatureLevel	int	This column is no longer in use
StudyId	int	Foreign key to Studies
StudySiteId	int	Foreign key to StudySites
SubjectId	int	Subject Id (denormalized)
UnitDictEntryID	int	The ID of the UnitDictionaryEntry associated with the DataPoint
Updated	datetime	Update timestamp
VariableID	int	Foreign key to Variables
WasSigned	bit	0=Was Not Signed 1=Was Signed
DataPointsDDE		Datapoints during double data entry
DataPointID	int	Foreign key to DataPoints

Table / Column name	Data Type	Explanation
PassOneData	nvarchar(2000)	Data entered in pass 1
PassOneDataDictEntryID	int	Data dictionary entry id for pass 1
PassOneUnitDictEntryID	int	Unit dictionary entry id for pass 1
PassOneUserID	int	Userid that performed pass 1
PassTwoData	nvarchar(2000)	Data entered in pass 2
PassTwoDataDictEntryID	int	Data dictionary entry id for pass 2
PassTwoUnitDictEntryID	int	Unit dictionary entry id for pass 2
PassTwoUserID	int	Userid that performed pass 2
ReconciledData	nvarchar(2000)	Data after reconciliation
ReconciledDataDictEntryID	int	Data dictionary entry id after reconciliation
ReconciledUnitDictEntryID	int	Unit dictionary entry id after reconciliation
ReconciledUserID	int	Userid that performed reconciliation
ServerSynchDate	datetime	Timestamp of last synchronization with Rave Remote
DataPointUntranslated		Untranslated data for a datapoint
DataPointID	int	Foreign key to DataPoints
Locale	char	Locale (language)
UntranslatedData	nvarchar(2000)	The untranslated Data for the DataPoint
DCFQueries		Queries on a DCF
DateMadeNotCurrent	datetime	date this dcf query was removed from the dcf.
DCFID	int	Foreign Key to DCFs.
DCFQueryID	int	PK
QueryID	int	Referenced Query ID
Updated	datetime	Date last updated
DCF		Data Clarification Forms
Created	datetime	Date created
CurrentStatus	int	Status of this DCF. Corresponds to a DCFStatusR Status Code.
DCFID	int	Unique identifier
Description	nvarchar(255)	Description of this DCF. Optional.
SubjectID	int	Foreign Key to Subjects
Updated	datetime	Date last updated
DCFStatus		Status transitions for a DCF
DCFID	int	Foreign Key to DCFs.
DCFStatusID	int	Foreign Key to DCFStatusR
StatusCode	int	Actual Status of this DCFStatus
StatusDate	datetime	Date this status was made.
DCFStatusR		Allowable status codes for a DCF
AvailableToAdminRole	bit	Can the admin permission/role set this status.
AvailableToStandardRole	bit	can the standard permission/role set this status.
ClosedStatus	bit	Is this the closed status.
Created	datetime	Date created
Optional	bit	Can this status be bypassed
ReceivedStatus	bit	Is this the received status.
SentStatus	bit	Is this the sent status.
Seq	int	Ordering column.
StatusCode	int	Status Code.
StatusDescriptionID	int	Localized Description.
Updated	datetime	Date last updated
DCFTransmissionContents		Contents of DCF transmissions
DCFID	int	Foreign Key to DCFs
DCFTransmissionContentID	int	Unique identifier
DCFTransmissionID	int	Foreign Key to DCFTransmissions
TimeStamp	datetime	Date of creation.
DCFTransmissions		Transmissions of DCFs to the respective sites
Address	nvarchar(2000)	Address
Comments	nvarchar(255)	Comments
DCFTransmissionID	int	Unique identifier
Status	int	Transmission Status
StudySiteID	int	Foreign key to StudySites
TransmissionDate	datetime	Date of Transmission
Type	int	Foreign Key to DCFTransmissionTypes
Updated	datetime	Date of last update
DCFTransmissionTypes		Types of transmission
DCFTransmissionTypeID	int	Unique identifier
DescriptionID	int	Localized Description.
Updated	datetime	Date last updated
DDEBatches		Batches for double data entry
Active	bit	0=Inactive 1=Active
BatchID	int	Primary key
BatchStatus	int	Status of Batch: 0=created 1=Started 2=running 3=ended
Created	datetime	Creation timestamp

Table / Column name	Data Type	Explanation
Deleted	bit	0=Current 1=Deleted
Description	nvarchar(100)	(optional) batch description
EntryLocale	char	Locale for the batch
ServerSynchDate	datetime	Timestamp of last synchronization with Rave Remote
Updated	datetime	Update timestamp
UpdatedBy	int	Userid that last updated
DDEBatchPages		
BatchID	int	Foreign key to DDEBatches
BatchPageID	int	Primary key
Created	datetime	Creation timestamp
DataPageID	int	Foreign key to DataPages
Deleted	bit	0=Current 1=Deleted
Ordinal	int	Sequential counter
PageStatus	int	Status of DDE form (based on DDEDataPageStatusEnum)
ServerSynchDate	datetime	Timestamp of last synchronization with Rave Remote
UserID	int	Foreign key to Users
DDEControlMap		
DDEControlType	nvarchar(255)	DDE control
EDCControlType	nvarchar(255)	EDC control
Updated	datetime	Update timestamp
DDEQueryComments		
CommentText	nvarchar(2000)	Comments
Created	datetime	Creation timestamp
DataPointID	int	Foreign key to DataPoints
QueryText	nvarchar(2000)	Query
ServerSynchDate	datetime	Timestamp of last synchronization with Rave Remote
Updated	datetime	Update timestamp
DeletedChangeCodes		
ChangeCodeID	int	Foreign key to ChangeCodes
DeletedDate	datetime	The date the ChangeCode was deleted from Rave
DeletedConfigurations		
ConfigurationID	int	ID of the deleted configuration item
DeletedDate	datetime	The date the configuration item was deleted
DeletedRoleActions		
DeletedDate	datetime	The date the RoleAction was deleted
RoleActionID	int	The ID of the deleted RoleAction
DeletedUserGroups		
DeletedDate	datetime	The date the UserGroup was deleted
UserGroupID	int	The ID of the deleted UserGroup
Derivations		
Active	bit	0=Inactive 1=Active
AllVariablesInFields	bit	0=Not All Variables In Fields 1=All Variables In Fields
AllVariablesInFolders	bit	0=Not All Variables In Folders 1= All Variables In Folders
Created	datetime	Creation timestamp
CRFVersionID	int	Foreign key to CRFVersions
DerivationID	int	Primary key
DerivationName	nvarchar(450)	Name
FieldID	int	Foreign key to Fields
FolderID	int	Foreign key to Folders
InstanceRepeatNumber	int	Sequential Instance number the derived Variable is restricted to
IsDraft	bit	Indicates if the current record belongs to a draft or a version. 0=Version, 1=Draft.
IsNotBatchRunnable	bit	0=Is BatchRunnable 1=Is Not BatchRunnable
IsNotUploadRunnable	bit	0=Is Upload Runnable 1=Is Not Upload Runnable
OID	varchar(50)	Unique object identifier
PageRepeatNumber	int	Sequential DataPage number the derived Variable is restricted to
RecordPosition	int	Sequential Record number that the derived Variable is restricted to
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
SourceCopyTime	datetime	DateTime when this instance record was created by copy from a source in a Global Library or a Project using GL copy feature.
SourceObjectID	int	Identifier for the Source Object from which this object was copied from using Global Library.
Updated	datetime	Update timestamp
UpdatedAfterSourceCopy	datetime	The DateTime value for when the current record was last updated after being sourced using Global Library Copy feature.
DerivationSteps		
Created	datetime	Creation timestamp
CustomFunctionID	int	Foreign key to CustomFunctions
DataFormat	nvarchar(50)	The format for the StepValue\
DerivationID	int	Foreign key to Derivations
DerivationStepID	int	Primary key

Table / Column name	Data Type	Explanation
FieldID	int	Foreign key to Fields
FolderID	int	Foreign key to Folders
InstanceRepeatNumber	int	Sequential Instance Number
LogicalRecordPosition	int	ID of the LogicalRecordPosition associated with the DerivationStep
PageRepeatNumber	int	Sequential Data Page Number
RecordPosition	int	The RecordPosition filter value
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
SourceCopyTime	datetime	DateTime when this instance record was created by copy from a source in a Global Library or a Project using GL copy feature.
SourceObjectID	int	Identifier for the Source Object from which this object was copied from using Global Library.
StepFunction	nvarchar(50)	The Function associated with the DerivationStep
StepOrdinal	int	Sequential counter
StepValue	nvarchar(50)	The constant value for the DerivationStep
Updated	datetime	Update timestamp
VariableID	int	Foreign key to Variables
DesignObjectTypeR		List of valid types for design objects
Active	bit	0=Inactive 1=Active
Created	datetime	Creation timestamp
Description	varchar(50)	Description
ObjectTypeID	int	Foreign key to ObjectTypeR
DryRunExecutionList		CRF Migration dry runs
ExecutionJobID	int	Foreign key into the MigrationRun table
LaunchedExecution	datetime	Timestamp of execution
MigrationRunID	int	Foreign key to MigrationRun
ELearningCompletions		Completions for eLearning Courses
CourseStatus	varchar(50)	Status
ELearningCompletionID	int	Unique identifier
ELearningContentID	int	Foreign key to eLearningContent
LastVisitedFrame	varchar(50)	Last frame visited in the course
Score	int	Score on test at end of course
SignedDateTime	datetime	Date course completion was signed
StartedDateTime	datetime	Date course was started
UpdatedDateTime	datetime	Date course was most recently updated/completed
UserID	int	User that took the course
VisitedFrames	varchar(200)	List of frames visited
ELearningContent		eLearning Courses
ELearningContentID	int	Unique identifier
ELearningContentName	nvarchar(200)	Name of course
ExitCourseStatus	varchar(50)	Status when course is complete
ExitScore	int	Required score to pass course
URL	nvarchar(200)	URL for course content
ELearningRequirements		List of which roles require which courses
ELearningContentID	int	Foreign key to eLearningContent
RoleID	int	Foreign key to RolesAllModules
StudyID	int	Foreign key to Studies
EmailConfirmationLog		Log of confirmations from Rave-generated emails
Confirmed	datetime	Date of confirmation
Created	datetime	Date of creation.
EmailConfirmationID	int	Unique identifier
EmailLogID	int	Foreign key to EmailLog
GUID	char	Globally unique identifier
ResendCount	int	Number of times email was re-sent
ReSent	datetime	Date email was last re-sent
EmailLog		Emails sent from Rave
Bcc	nvarchar(2000)	bcc addressees
Body	nvarchar(2000)	Body of email
Cc	nvarchar(2000)	cc addressees
EmailLogID	int	Unique identifier
EmailResult	int	Result of email
ErrorMessage	nvarchar(2000)	Error message
MessageID	int	Message Id
Recipient	nvarchar(255)	Recipient
Sender	nvarchar(255)	Sender
SendTime	datetime	Date email was sent
Subject	nvarchar(255)	Subject line for the email
Urgency	smallint	Urgency of email
EntryStatusR		List of valid entry status codes
EntryStatus	int	Status
Name	nvarchar(100)	Name

Table / Column name	Data Type	Explanation
EventQueues		Queues which process "tagged" objects in Rave
EnqueueTS	datetime	Date the entry was enqueued
EventQueueId	int	Unique identifier
InUseTS	datetime	Date event handler started processing the entry
IsDataChange	bit	Item was queued due to a data change
ObjectId	int	Internal id of object (e.g., a datapoint id if objecttypeid = 1)
ObjectTypeId	int	Object type (from ObjectTypeR table)
TagProcessorId	int	Id of processor that will handle this entry in the queue
FieldOIDDirectory		List of searchable fields
Created	datetime	Creation timestamp
Deleted	bit	0=Current 1=Deleted
FieldOID	varchar(50)	Field object identifier
FolderOID	varchar(50)	Folder object identifier
FormOID	varchar(50)	Form object identifier
ID	int	Primary key
OIDSpecifierType	int	1=Search 2=Header 3=Summary
Ordinal	int	Sequential counter
ProjectID	int	Foreign key to Projects
SearchValue	int	0=Standard 1=Coded 2=User
Updated	datetime	Update timestamp
FieldOIDTypeR		List of valid field OID types
FieldOIDAttribute	varchar(50)	Text name of the attribute
ID	int	Primary key
FieldRestrictions		View and entry restrictions on a field (Merge of 2 5.5 tables, FieldRestrictViews and FieldRestrictEntries)
FieldId	int	ID of the Field
RestrictionId	int	Autogenerated ID
RestrictionType	tinyint	Type of Field restriction
RoleId	smallint	Role Id being restricted
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
SourceCopyTime	datetime	DateTime when this instance record was created by copy from a source in a Global Library or a Project using GL copy feature.
SourceObjectId	int	Identifier for the Source Object from which this object was copied from using Global Library.
Updated	datetime	Last DateTime updated
FieldReviewGroups		Groups that can review a field
FieldId		Foreign key to Fields
ReviewGroupId		Foreign key to ReviewGroups
SourceCopyTime	datetime	DateTime when this instance record was created by copy from a source in a Global Library or a Project using GL copy feature.
SourceObjectId	int	Identifier for the Source Object from which this object was copied from using Global Library.
Fields		Fields in a form
AcceptableFileExtensions	varchar(256)	Used by FileUpload feature to indicate what file extensions are allowed for an upload request.
AnalyteId	int	Foreign key to Analytes
CanSetDataPageDate	bit	0=Cannot Set Data Page Date 1=Can Set Data Page Date
CanSetInstanceDate	bit	0=Cannot Set Instance Date 1=Can Set Instance Date
CanSetRecordDate	bit	0=Cannot Set Record Date 1=Can Set Record Date
CanSetSubjectDate	bit	0=Cannot Set Subject Date 1=Can Set Subject Date
ColumnOrdinal	int	Sequential counter
ControlType	nvarchar(255)	Control type (e.g. Text Radio)
Created	datetime	Creation timestamp
DefaultValue	nvarchar(2000)	Default Value
DoesNotBreakSignature	bit	0=Does Break Signature 1=Does Not Break Signature
DraftDomainID	int	No longer used
FieldActive	bit	0=Inactive 1=Active
FieldID	int	Primary key
FieldName	int	Name (localized)
FieldNumberID	int	Number to precede the field label
FormID	int	Foreign key to Forms
HeaderTextID	int	Header text (localized)
HelpTextID	int	Help text (localized)
IndentLevel	tinyint	Indent Level
IsChild	bit	0=Is Not Child 1=Is Child
IsClinicalSignificance	bit	0=Requires Clinical Significance 1=Doesn't Require ClinicalSignificance
IsDraft	bit	Indicates if the current record belongs to a draft or a version. 0=Version, 1=Draft.
IsFormatMatched	bit	0=Is Not Format Matched 1=Is Format Matched
IsFutureDateTime	bit	0=Is Not Future Date Time 1=Is Future Date Time
IsLog	bit	0=Is Not Log 1=Is Log
IsRequired	bit	0=Is Not Required 1=Is Required
IsVisible	bit	0=Is Not Visible 1=Is Visible
IsVisualVerify	bit	0=Require entry during DDE second pass 1=Visual Verify during DDE second pass
LowerRange	nvarchar(50)	Lower bound of range

Table / Column name	Data Type	Explanation
NCLowerRange	nvarchar(50)	Non Conformant Lower bound of range
NCUpperRange	nvarchar(50)	Non Conformant Upper bound of range
OID	varchar(50)	Unique object identifier
Ordinal	int	Sequential counter
OtherVisits	bit	0=Not Other Visits 1=Other Visits
PostTextID	int	Text to appear after the field
PreTextID	int	Text to appear before the field
RequiresTranslation	bit	0=Doesn't Require Translation 1=Requires Translation
SASFormat	nvarchar(25)	SAS format
SASLabel	nvarchar(256)	SAS label
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
SourceCopyTime	datetime	DateTime when this instance record was created by copy from a source in a Global Library or a Project using GL copy feature.
SourceDocument	bit	0=Not Source Document 1=Source Document
SourceObjectID	int	Identifier for the Source Object from which this object was copied from using Global Library.
Updated	datetime	Update timestamp
UpdatedAfterSourceCopy	datetime	The DateTime value for when the current record was last updated after being sourced using Global Library Copy feature.
UpperRange	nvarchar(50)	Upper bound of range
VariableID	int	Foreign key to Variables
FolderForms		Entries within a matrix
Created	datetime	Creation timestamp
FolderFormID	int	Primary key
FolderID	int	Foreign key to Folders
FormID	int	Foreign key to Forms
MatrixID	int	Foreign key to Matrix
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
SourceCopyTime	datetime	DateTime when this instance record was created by copy from a source in a Global Library or a Project using GL copy feature.
SourceObjectID	int	Identifier for the Source Object from which this object was copied from using Global Library.
Updated	datetime	Update timestamp
Folders		Folders in a CRF Version or Draft
AccessDays	int	Offset that determines when the Folder becomes accessible
CloseDays	int	Offset that determines when the Folder becomes closed
Created	datetime	Creation timestamp
CRFVersionID	int	Foreign key to CRFVersions
EndWinDays	int	Offset the determines when the window for data entry closes
FolderID	int	Primary key
FolderName	int	Name (localized)
IsDraft	bit	Indicates if the current record belongs to a draft or a version. 0=Version, 1=Draft.
IsReusable	bit	0=Is Not Reusable 1=Is Reusable
OID	varchar(50)	Unique object identifier
Ordinal	int	Sequential counter
OverdueDays	int	Offset that determines when the Folder becomes overdue
ParentFolderID	int	Id of parent folder
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
SourceCopyTime	datetime	DateTime when this instance record was created by copy from a source in a Global Library or a Project using GL copy feature.
SourceObjectID	int	Identifier for the Source Object from which this object was copied from using Global Library.
StartWinDays	int	Offset that determines when the window for data entry opens
TargetDays	int	Target elapsed days in the study
Updated	datetime	Update timestamp
UpdatedAfterSourceCopy	datetime	The DateTime value for when the current record was last updated after being sourced using Global Library Copy feature.
FormRestrictions		View and entry restrictions on a form (merge of two 5.5 tables, FormrestrictViews and FormRestrictEntries)
FormID	int	Foreign key to Forms
RestrictionID	int	Autogenerated ID
RestrictionType	tinyint	Type if the Form restriction
RoleID	smallint	Role Id being restricted
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
SourceCopyTime	datetime	DateTime when this instance record was created by copy from a source in a Global Library or a Project using GL copy feature.
SourceObjectID	int	Identifier for the Source Object from which this object was copied from using Global Library.
Updated	datetime	Last DateTime updated
Forms		Forms in a CRF Version or Draft
AllowLogAdd	bit	0=Don't allow adding log lines 1=Allow adding log lines
AllowLogInactivate	bit	0=Don't Allow Log Inactivate 1=Allow Log Inactivate
ConfirmationStyle	int	0=None 1=NoLink 2=LinkNext 3=LinkCustom
Created	datetime	Creation timestamp
CRFVersionID	int	Foreign key to CRFVersions

Table / Column name	Data Type	Explanation
DDEOption	int	Form settings for DDE: May DDE
EditDirection	bit	0=Don't Allow Edit Direction 1=Allow Edit Direction
FormActive	bit	0=Inactive 1=Active
FormID	int	Primary key
FormName	int	Name (localized)
HelpTextID	int	Help text (localized)
IsDraft	bit	Indicates if the current record belongs to a draft or a version. 0=Version, 1=Draft.
IsSignatureRequired	bit	0=No Signature Required 1=Signature Required
IsTemplate	bit	0=Is Not Template 1=Is Template
LinkFolderOID	nvarchar(50)	LinkFolder object identifier
LinkFormOID	nvarchar(50)	LinkForm object identifier
MaxLogs	int	Not used
OID	varchar(50)	Unique object identifier
Ordinal	int	Sequential counter
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
SourceCopyTime	datetime	DateTime when this instance record was created by copy from a source in a Global Library or a Project using GL copy feature.
SourceObjectID	int	Identifier for the Source Object from which this object was copied from using Global Library.
StartLogs	int	Not used
Updated	datetime	Update timestamp
UpdatedAfterSourceCopy	datetime	The DateTime value for when the current record was last updated after being sourced using Global Library Copy feature.
GlobalMessages		Internal Use Only
DateTimeOption	int	0=LocalDateLocalTime 1=LocalTimeLocalDate 2=LocalDate 3=LocalTime
GlobalMsgID	int	Primary key
NameOption	int	0=FirstNameLastName 1=LastNameFirstName 2=FirstName 3=LastName
StaticTextID	int	Localized Static Text ID
HelpPages		Internal Use Only
HelpContext	varchar(50)	The help context
HelpPage	nvarchar(100)	The location and the name of the help file page for the context
Images		Image objects
Created	datetime	Creation timestamp
Image	image	The actual image
ImageID	int	Primary key
ImageName	nvarchar(50)	File Name
ImageTypeID	int	Foreign Key to ImageTypeR
Updated	datetime	Update timestamp
ImageTypeR		Image types
ImageName	nchar	Image Type name (e.g. JPEG)
ImageTypeID	int	Primary key
ImpliedActionTypes		List of which actions imply the need for another action
ActionType	int	Id of Action Type (e.g. Sign)
ImpliedActionType	int	Id of Implied Action Type (e.g. See Entry)
InstalledModules		List of Rave Modules (internal use only)
Active	bit	0=Inactive 1=Active
FirstPage	nvarchar(225)	The location and the name of the home page for RAVE module
HelpFile	varchar(225)	Location of help file
Icon	varchar(50)	Name of icon
ModuleAbbrev	nvarchar(50)	Abbreviated name of the module an alternate identifier
ModuleID	int	Unique identifier
ModuleName	varchar(50)	Name
Options	int	Not used
Instances		An occurrence of a Folder for a Subject
Access	datetime	DateTime the Folder should be accessed
Close	datetime	DateTime the Folder should be closed
Created	datetime	Creation timestamp
Deleted	bit	0=Current 1=Deleted
EndWin	datetime	End of the window for editing the contents of the Folder
FolderID	int	Foreign key to Folders
Guid	nvarchar(36)	Globally unique identifier
InstanceActive	bit	0=Inactive 1=Active
InstanceDate	datetime	Instance (visit) date
InstanceID	int	Primary key
InstanceName	nvarchar(255)	Name
InstanceRepeatNumber	int	Sequential Instance Number
IsUserDeactivated	bit	Indicates if the current Instance was deactivated by a user. 0=false, 1=true
Overdue	datetime	DateTime the Folder becomes overdue
ParentInstanceID	int	Id of parent instance
RequiresSignature	bit	0=Doesn't Require Signature 1=Requires Signature
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
StartWin	datetime	DateTime the Folder become available for editing

Table / Column name	Data Type	Explanation
SubjectID	int	Foreign key to Subjects
SubjectMatrixID	int	Id of Matrix that created this instance
Target	datetime	Target DateTime the Folder should be completed by
Updated	datetime	Update timestamp
Interactions		User Rave sessions
ClickCount	int	Number of mouse clicks
EncryptionKey	varchar(50)	Internal Use Only
Finish	datetime	Not used
Guid	char	Globally unique identifier
InteractionID	int	Unique identifier
InteractionStatus	int	Status, from InteractionStatusR
LastAccess	datetime	Date of last access
LastSignatureDate	datetime	Date of last eSignature
NetWorkAddress	varchar(255)	Internal Use Only
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
Start	datetime	Date of session start
UserID	int	Id into Users table
InteractionStatusR		Valid interacytion status codes
InteractionStatus	int	Id
Name	nvarchar(100)	Descriptions
LabAssignments		Assignments of central labs to studies or study sites
Active	bit	0=Inactive 1=Active
Created	datetime	Creation timestamp
LabAssignmentID	int	Primary key
LabID	int	Foreign key to Labs
StudyID	int	Foreign key to Studies
StudySiteID	int	Foreign key to StudySites
Updated	datetime	Update timestamp
Labs		Labs
Active	bit	0=Inactive 1=Active
Created	datetime	Creation timestamp
Description	int	Description
Guid	varchar(36)	Guid
LabID	int	Primary key
LabNameID	int	Name (localized)
LabType	int	1=Local 2=Central 3=Reference 4=Alert
RangesApproved	bit	0=Ranges Not Approved 1=Ranges Approved
RangeTypeID	int	Foreign key to RangeTypes
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
StudySiteID	int	Foreign key to StudySites
UnlocalizedDescription	nvarchar(2000)	Unlocalized description. Remote.
UnlocalizedName	nvarchar(255)	Unlocalized name. Remote.
Updated	datetime	Update timestamp
LabStandardGroupEntries		Analyte/Unit pairs in a standard lab groups
Active	bit	0=Inactive 1=Active
AnalyteID	int	Foreign key to Analytes
Created	datetime	Creation timestamp
LabStandardGroupEntryID	int	Primary key
LabStandardGroupID	int	Foreign key to LabStandardGroups
LabUnitDictionaryEntryID	int	Foreign key to LabUnitDictionaryEntries
Ordinal	int	Sequential counter
Updated	datetime	Update timestamp
LabStandardGroups		Standard lab groups
Active	bit	0=Inactive 1=Active
Comments	nvarchar(255)	Comments
Created	datetime	Creation timestamp
LabStandardGroupID	int	Primary key
LabStandardGroupName	nvarchar(255)	Name
Updated	datetime	Update timestamp
LabUnitConversions		Unit of measure conversion for lab units
Active	bit	0=Inactive 1=Active
AnalyteID	int	If conversion is analyte-specific if of analyte
AnalyteIDA	int	Analyte in numerator of formula (instead of ConstantA)
AnalyteIDB	int	Analyte in denominator of formula (instead of ConstantB)
ConstantA	float	to = from * (A/B + C) + K
ConstantB	float	As above
ConstantC	float	As above
ConstantK	float	As above
Created	datetime	Creation timestamp
FromLabUnitID	int	Form unit
LabUnitConversionID	int	Primary key
PrimaryFormula	bit	0=Not Primary Formula 1=Primary Formula

Table / Column name	Data Type	Explanation
ToLabUnitID	int	To unit
Updated	datetime	Update timestamp
LabUnitDictionaries		Dictionary of allowable lab units for an analyte
Active	bit	0=Inactive 1=Active
Created	datetime	Creation timestamp
LabUnitDictionaryID	int	Primary key
LabUnitDictionaryName	int	Name
Updated	datetime	Update timestamp
LabUnitDictionaryEntries		Entries in a lab unit dictionary
Active	bit	0=Inactive 1=Active
Created	datetime	Creation timestamp
LabUnitDictionaryEntryID	int	Primary key
LabUnitDictionaryID	int	Foreign key to LabUnitDictionaries
LabUnitID	int	Foreign key to LabUnits
Ordinal	int	Sequential counter
Updated	datetime	Update timestamp
LabUnits		Lab Units
Active	bit	0=Inactive 1=Active
Created	datetime	Creation timestamp
LabUnitID	int	Primary key
LabUnitNameID	int	Lab Unit name (localized)
ParentLabUnitID	int	If unit is a synonym id of "master" lab unit
Updated	datetime	Update timestamp
LabUpdateQueue		Internal Use Only
InUse	bit	Is this queued item being worked on.
LabUpdateQueueID	int	PK
ObjectID	int	object id
ObjectType	tinyint	object type id
LibraryIcons		Stores Icons used for showing architect objects were copied through the global library wizard
DescriptionID	int	localized data string description
IconID	int	primary key
IconImage	varbinary	image byte data
LocalizationContexts		Internal Use Only
Cached	bit	
ContextID	int	
Created	datetime	
Description	nvarchar(300)	
Name	varchar(100)	
Updated	datetime	
Localizations		List of foreign locales
Created	datetime	Creation timestamp
Culture	varchar(50)	ISO 639-2 mapping of this locale to a Windows locale
DateFormat	varchar(50)	Date format
DateTimeFormat	varchar(50)	Date/time format
DescriptionID	int	Description (localized)
HelpFolder	varchar(50)	Folder name for localized help files
Locale	char	3-letter Locale (language) code
NameFormat	varchar(50)	Name format
NumberFormat	varchar(50)	Number format
SubmitOnEnter	bit	0=Don't Submit on Enter 1=Submit on Enter
Updated	datetime	Update timestamp
LocalizedDataStringPKs		Used to keep StringIds of LocalizedDataStrings truly unique
StringId	int	ID of string
UnusedColumn	bit	Truly unused column
LocalizedDataStrings		Localized strings associated with user data
ContextID	int	Id into LocalizationContexts
Locale	char	Locale (language)
String	nvarchar(4000)	Text string in that local language
StringID	int	ID of string
TranslationStatus	int	0 =Universal (not available for translation) 1=NOT translated 2=translated
UniqueID	int	Unique identifier
Updated	datetime	Update timestamp
LocalizedStrings		Localized strings associated with the Rave application
Created	datetime	Creation timestamp
Locale	char	Foreign key into the Localizations table
String	nvarchar(2000)	Text string in that local language
StringName	varchar(50)	Unique name of string
TranslationStatus	int	1=NOT translated 2=translated

Table / Column name	Data Type	Explanation
UniqueID	int	Unique identifier
Updated	datetime	Update timestamp
LockStatusR		List of valid lock status codes
LockStatus	int	Primary key
Name	nvarchar(100)	Name
LogicalRecordPositionR		List of valid logical record positions for edit checks
ID	int	Primary key
Name	varchar(50)	Name
LoginAttempts		Login Attempts
Attempted	datetime	Time of login attempt
AttemptID	int	Unique identifier
Created	datetime	Creation timestamp
Guid	varchar(36)	Globally unique identifier
LoginID	int	Userid of the login
LoginName	nvarchar(50)	Name of the login
NetworkAddress	varchar(255)	Network address
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
Success	smallint	0=not successful, 1=successful
Updated	datetime	Update timestamp
LogMessages		Internal Use Only
Date	datetime	
Level	varchar(50)	
Logger	varchar(255)	
LogMessageID	int	
Message	varchar(4000)	
Thread	varchar(255)	
MarkingGroups		Marking Groups
Created	datetime	Creation timestamp
MarkingGroupActive	bit	0=Inactive 1=Active
MarkingGroupID	int	Primary key
MarkingGroupNameID	int	Marking Group name (localized)
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
Updated	datetime	Update timestamp
Markings		Datapoint markings - queries, stickies, comments, protocol deviations
Acknowledged	bit	1 if marking was acknowledged
AcknowledgeUserID	int	Userid of acknowledgement
AnswerData	nvarchar(255)	Answer
Answered	datetime	Date of answer
AnswerOnChange	bit	1 if answer is generated on change
AnswerText	nvarchar(4000)	Text of answer
AnswerUserID	int	Userid of answer
CheckHash	varchar(50)	Internal Use Only
CloseOnChange	bit	1 if marking should be closed on change
Created	datetime	Creation timestamp
DataPointId	int	Datapoint id
EditCheckId	int	Edit check id that placed the marking
Guid	varchar(36)	Globally unique identifier
MarkingActive	bit	0=Inactive 1=Active
MarkingGroupID	int	Id of marking group
MarkingId	int	Unique identifier
MarkingTypeR	tinyint	Marking type (in MarkingTypeR)
ParentMarkingId	int	Id of parent
ProtocolDeviationClass	int	Class of protocol deviation
ProtocolDeviationCode	int	Code of protocol deviation
QueryData	nvarchar(255)	Query contents
QueryStatusId	int	Query status
RequiresResponse	bit	1 = requires response
Resolved	datetime	Date of resolution
ResolveUserID	int	Userid of resolution
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
StringId	int	Id of marking text
Text	nvarchar(4000)	Character marking text (for pre-5.5 markings)
Updated	datetime	Update timestamp
UserId	int	Userid placing the marking
MarkingTypeR		Types of marking
MarkingTypeRId	tinyint	Id
Name	varchar(25)	Description
Matrix		Matrixes of folder/form combinations
Addable	bit	0=Not Addable 1=Addable
Created	datetime	Creation timestamp
CRFVersionID	int	Foreign key to CRFVersions

Table / Column name	Data Type	Explanation
IsDraft	bit	Indicates if the current record belongs to a draft or a version. 0=Version, 1=Draft.
MatrixID	int	Primary key
MatrixName	int	Name (localized)
Maximum	smallint	Number of times the matrix can be dynamically added for one subject
OID	varchar(50)	Unique object identifier
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
SourceCopyTime	datetime	DateTime when this instance record was created by copy from a source in a Global Library or a Project using GL copy feature.
SourceObjectID	int	Identifier for the Source Object from which this object was copied from using Global Library.
Updated	datetime	Update timestamp
UpdatedAfterSourceCopy	datetime	The DateTime value for when the current record was last updated after being sourced using Global Library Copy feature.
MatrixActionR		Action types for a matrix (e.g., add, merge)
MatrixAction	tinyint	Action id
Readable	varchar(50)	Readable text
MessageRecipients		Recipients for a message
Deleted	bit	0=Current 1=Deleted
DeleteTime	datetime	Date deleted
Guid	nvarchar(36)	Globally unique identifier
MessageID	int	Foreign key to Messages
ReceiptTime	datetime	Date received
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
Updated	datetime	Update timestamp
UserID	int	Foreign key to Users
Messages		Messages
Created	datetime	Creation timestamp
Guid	nvarchar(36)	Globally unique identifier
MessageID	int	Primary key
MessageString	nvarchar(1024)	Message text in default language
MessageStringID	int	ID of the Message
MessageStringKey	varchar(50)	Key to localized message string
Send	datetime	DateTime the message was sent
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
StringParameters	nvarchar(255)	values of parameters to be inserted in message (if any)
Subject	nvarchar(255)	Subject of the message in default language
SubjectStringKey	varchar(50)	Key to localized subject string
Updated	datetime	Update timestamp
Urgency	int	The message's urgency
WhoFrom	nvarchar(50)	Who sent the message
MigrationChecks		Stores the EditCheck configuration information for a Migration Plan in Amendment Manager
CheckID	int	The EditCheck to be configured
IsRunnable	bit	Whether to run it on existing DataPoints that have not changed
MigrationCheckID	int	Primary Key - identity column
MigrationPlanID	int	Current Plan ID
MigrationChecksRunInJob		Records the checks being configured to be run or skipped against a migration plan.
CheckID	int	The Edit Check ID
MigrationRunID	int	The current job number
MigrationConfiguration		Configuration rules for CRF Migrations
ConfigValue	nvarchar(1024)	Configuration value
Created	datetime	Creation timestamp
ID	int	Primary key
MigrationPlanID	int	Foreign key to MigrationPlans table
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
Tag	nvarchar(64)	configuration tag (e.g. where to break signature on a field label change)
Updated	datetime	Update timestamp
MigrationFolderForms		Repository of folder and form combination as configured against an Amendment Manager plan
MigrationFolderFormID	int	Primary key - identity column
DropIfEmpty	bit	Flag indicating the combination will be removed in migration against the current plan.
ExistsInSource	bit	The combination exists in one of the matrices in source CRF Version
ExistsInTarget	bit	The combination exists in one of the matrices in target CRF Version
FolderOID	varchar(50)	Folder OID
FormOID	varchar(50)	Form OID
MigrationPlanID	int	Current Plan ID
MigrationFolderFormsDropInJob		Records the FolderForms being requested to be dropped against the currently running job.
FolderOID	varchar(50)	Folder OID
FormOID	varchar(50)	Form OID

Table / Column name	Data Type	Explanation
MigrationRunID	int	Job Number
MigrationIssues		Issues from a CRF Migration
Created	datetime	Creation timestamp
DataPointID	int	Foreign key to DataPoints
IssueDesc	nvarchar(4000)	Text of the issue
IssueType	int	Specifies if warning/error
MigrationIssueID	int	Primary key
MigrationRunID	int	Foreign key to MigrationRuns
SubjectID	int	Foreign key to Subjects
MigrationIssueTypeR		List of valid Migration Issues
Active	bit	0=Inactive 1=Active
Created	datetime	Creation timestamp
Description	varchar(50)	Description
IssueType	int	Unique identifier
MigrationMapIssues		Issues in mapping objects for a CRF Migration
Accept	bit	0=Not Accepted 1=Accepted
Comments	nvarchar(4000)	Comments
Created	datetime	Creation timestamp
IssueText	nvarchar(50)	Text of the issue
IssueType	int	Type of issue
MapEntryID	int	ID of CRF Migration Mapping causing the issue
MappingIssueID	int	Unique identifier
Updated	datetime	Update timestamp
MigrationMapSourceR		List of valid Migrations Sources
Active	bit	0=Inactive 1=Active
Created	datetime	Creation timestamp
Description	varchar(50)	Description
MapSource	int	Unique identifier
MigrationObjectMap		CRF Migration mapping of objects
Created	datetime	Creation timestamp
MapEntryID	int	Unique identifier
MapSource	int	Source of mapping (auto/manual)
MigrationPlanID	int	Foreign key to MigrationPlan
ObjectTypeID	int	Type of object being mapped
SourceID	int	Source object id
TargetID	int	Target object id
Updated	datetime	Update timestamp
MigrationPlan		CRF Migration Plans
Created	datetime	Creation timestamp
Description	int	Description
IsLocked	bit	0=Is Not Locked 1=Is Locked
MigrationPlanID	int	Primary key
ProjectID	int	Foreign key to Projects
SourceCRFVersionID	int	ID of source CRF Version
SourceVersionName	int	Name of source CRF Version
TargetCRFVersionID	int	ID of target CRF Version
TargetVersionName	int	Name of target CRF Version
Updated	datetime	Update timestamp
MigrationRun		CRF Migration Executions
Comments	nvarchar(2000)	Comments
EndTime	datetime	Time job ended
MigrationPlanID	int	Foreign key to MigrationPlan
MigrationRunID	int	Primary key
RunTypeID	int	Type of run (dry run/real run)
SubmitTime	datetime	Time job was submitted
Success	bit	null=In Process 0=Failure 1=Success
Updated	datetime	Update timestamp
UserID	int	Foreign key to Users
MigrationRunTypeR		Types of CRF Migration Run
Active	bit	0=Inactive 1=Active
Created	datetime	Creation timestamp
RunTypeDescription	varchar(50)	1=Dry Run 2=Migration
RunTypeID	int	Unique identifier
MigrationSubjectList		List of Migrated Subjects
Created	datetime	Creation timestamp
InProcess	bit	0=Not InProcess 1=InProcess
MigrationRunID	int	Foreign key to MigrationRun
MigrationSubjectListID	int	Primary key
SubjectID	int	Foreign key to Subjects
Success	bit	0=Failure 1=Success

Table / Column name	Data Type	Explanation
Updated	datetime	Update timestamp
MissingCodes		Valid Missing Codes for a role
Created	datetime	Creation timestamp
Deleted	bit	0=Current 1=Deleted
DescriptionID	int	Description (localized)
IsActive	bit	0=Inactive 1=Active
MissingCode	nvarchar(50)	Missing Code
MissingCodeID	int	Primary key
RoleID	smallint	Foreign key to RolesAllModules
Updated	datetime	Update timestamp
ModuleActions		Module Actions
ActionType	int	Foreign key to ActionTypeR
ModuleActionID	int	Primary key
ModuleID	tinyint	Foreign key to ModulesR
ModulesR		Modules other than EDC which require security controls
Active	bit	0=Inactive 1=Active
DenyObjectRoleID	smallint	Deny Object RoleID
LoadFunction	varchar(50)	User defined function name to load objects
ModuleID	tinyint	Primary key
ModuleName	varchar(100)	Module name (English)
ObjectTypeID	tinyint	Foreign key to ObjectTypeR
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
NewLogins		New Login Accounts
DateChanged	datetime	Date
ID	int	Primary key
NewLogin	nvarchar(50)	New login name
UserID	int	Foreign key to Users
ObjectStatus		Status of Rave core objects (note, this is a view in Rave 5.6)
Active	int	0=Inactive 1=Active
CancelQuery	int	0=Query cannot be cancelled, 1 Query can be cancelled
DataStatus	int	Bitmap containing the data status
ExpirationDate	datetime	Date status expires
ExtendedDataStatus	int	Internal use Only
IsIncomplete	bit	0=Is Not Incomplete 1=Is Incomplete
IsNonConformant	bit	0=Is Not NonConformant 1=Is NonConformant
IsEmpty	bit	0=Is Empty 1=Is Not Empty
IsNotFrozen	bit	0=Is Frozen 1=Is Not Frozen
IsNotLocked	bit	0=Is Locked 1=Is Not Locked
IsOverdue	bit	0=Is Not Overdue 1=Is Overdue
IsPendingReview	bit	0=Is Not Pending Review 1=Is Pending Review
IsReviewed	bit	0=Is Not Reviewed 1=Is Reviewed
IsSignatureNotCurrent	bit	0=Signature Is Current 1=Signature Is Not Current
IsStickyPlaced	bit	0=No Sticky Placed 1=Sticky Placed
IsTouched	bit	0=Is Not Touched 1=Is Touched
IsVerified	bit	0=Is Not Verified 1=Is Verified
ObjectID	int	Object Identifier
ObjectTypeID	int	Foreign key to ObjectTypeR
PageReadyForFreeze	bit	Page is ready for freeze
PageReadyForLock	bit	Page is ready for lock
RequiresAnswerQuery	bit	0=Doesn't Require Answer Query 1=Requires Answer Query
RequiresCloseQuery	bit	0=Doesn't Require Close Query 1=Requires Close Query
RequiresCoding	bit	0=Doesn't Require Coding 1=Requires Coding
RequiresPendingAnswerQuery	bit	0=Doesn't Require Pending Answer Query 1=Requires Pending Answer Query
RequiresPendingCloseQuery	bit	0=Doesn't Require Pending Close Query 1=Requires Pending Close Query
RequiresReconciliation	bit	0=Doesn't Require Reconciliation 1=Requires Reconciliation
RequiresReview	bit	0=Doesn't Require Review 1=Requires Review
RequiresSecondPass	bit	0=Doesn't Require Second Pass 1=Requires Second Pass
RequiresSignature	bit	0=Doesn't Require Signature 1=Requires Signature
RequiresTranslation	bit	0=Doesn't Require Translation 1=Requires Translation
RequiresVerification	bit	0=Doesn't Require Verification 1=Requires Verification
RoleID	smallint	Foreign key to RolesAllModules
WasSigned	bit	0=Was Not Signed 1=Was Signed
ObjectStatusAllRoles		ObjectStatus stored across all roles
ExpirationDate	datetime	Date of expiration (null means not active)
LastRolledUpOn	datetime	Date of last roll up
ObjectID	int	Id of object
ObjectTypeID	int	Object type id (from ObjectTypeR)
RoleList	varchar(2000)	List of Role(,Role...)=Datastatus specifications,
ObjectTags		Mapping of tags to Rave objects
DescriptorKey	varchar(50)	Key of descriptor
DescriptorValue1	int	Descriptor value 1
DescriptorValue2	int	Descriptor value 2

Table / Column name	Data Type	Explanation
DescriptorValue3	int	Descriptor value 3
ObjectKey	varchar(50)	Key of object being tagged (e.g., a field OID)
ObjectTagId	int	Unique identifier
ObjectTypeId	int	Object type (from ObjectTypeR table)
ParentObjectKey	varchar(50)	Key of parent object (e.g., a form OID)
projectId	int	Project id
TagId	int	Id of Tag
TagValue	nvarchar(1000)	Value for tag assignment to the object
ObjectTypeR		
ObjectName	varchar(100)	Object name
ObjectTypeID	tinyint	Primary key
OldPasswords		
Changed	datetime	DateTime the Password was changed
Guid	nvarchar(36)	Remote GUID
OldPassWord	nvarchar(50)	Old Password
OldPassWordID	int	New Password
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
UserID	int	ID of the User that changed their password
OldSubjectStudySites		
DateChanged	datetime	Date of change
NewStudySiteID	int	ID of new study site
OriginalStudySiteID	int	ID of original study site
SubjectID	int	Foreign key to Subjects
ParameterPrerequisites		
DependsOnToken	varchar(20)	Token for pre-requisite parameter
ParameterID	int	Foreign key to Parameters
ParameterPrerequisiteID	int	Primary key
Parameters		
Created	datetime	Creation timestamp
DefaultExpression	ntext	Expression
DefaultExpressionLang	varchar(10)	Coding language: 'T-SQL'
DescriptionID	int	Description (localized)
EDCEquivalence	char	Token to the equivalent standard parameter: st (Study) si (Site) or su (Subject)
FieldNames	varchar(100)	Comma-delimited list of field names
HeaderIDs	varchar(50)	Comma-delimited list of Header IDs
IsSingleSelectionOnly	bit	0=Is Not SingleSelectionOnly 1=Is SingleSelectionOnly
ParameterID	int	Primary key
ParameterOID	varchar(50)	Parameter object identifier
ParameterScopeID	int	Foreign key to ParameterScopeR
ParameterTypeID	int	Foreign key to ParameterTypeR
PromptID	int	Parameter prompt (localized)
Properties	ntext	executable string coded in PropertiesLang
PropertiesLang	varchar(10)	Coding language: 'T-SQL'
Token	varchar(20)	unique identifier for the parameter within its scope
Updated	datetime	Update timestamp
ParameterScopeR		
Name	varchar(50)	Scope Name: 'Standard'
ParameterScopeID	int	Primary key
ParameterTypeR		
Name	varchar(50)	Parameter type: 'List'
ParameterTypeID	int	Primary Key. ID of parameter type
PasswordReactivations		
Attempted	datetime	DateTime the re-activation was attempted
FirstName	nvarchar(255)	First name of the User re-activation
LastName	nvarchar(255)	Last name of the User re-activating
Successful	bit	Whether the Activation attempt was successful
UserID	int	ID of the User associated with the activation attempt
PDFConfiguration		
ConfigValue	varchar(1024)	Configuration value
ID	int	Primary key
ProfileID	int	Foreign key to PDFConfigurationProfiles
Tag	varchar(64)	Configuration tag
Updated	datetime	Update timestamp
PDFConfigurationProfiles		
Created	datetime	Creation timestamp
CreatedByUserID	int	Userid that created the profile
DescriptionID	int	Description (localized)
IsActive	bit	
IsPrimary	bit	0=Is Not Primary 1=Is Primary

Table / Column name	Data Type	Explanation
PDFConfigurationProfileID	int	Primary key
Updated	datetime	Update timestamp
UpdatedByUserID	int	Userid that last updated the profile
PDFErrorLog		Errors which occurred during File Request rendering
Created	datetime	Creation timestamp
ErrorText	varchar(100)	Text of generation error
PdfErrorLogID	int	Primary key
PdfFileRequestID	int	Foreign key to PDFFileRequests
StackTrace	varchar(1000)	first 1000 characters of trace back of exception
PDFFileRequests		Requests for PDF file generation
ConfigProfileID	int	Foreign key to PDFConfigurationProfiles
Created	datetime	Creation timestamp
CreatedByUserID	int	Userid that created the PDF Configuration profile
CRFVersionID	int	Foreign key to CRFVersions
Description	int	Description (localized)
FolderIDs	nvarchar(4000)	Comma-delimited list of folder IDs to be used for PDF generation
FormIDs	nvarchar(4000)	Comma-delimited list of form IDs to be used for PDF generation
FRName	int	localized name of the PDF generation request
ID	int	Primary key
IsActive	bit	0=Inactive 1=Active
LocaleID	int	Foreign Key to the Localizations table
MatrixID	int	Foreign key to Matrices
RoleID	smallint	Foreign key to RolesAllModules
ScheduledExecution	datetime	Scheduled execution time
SiteGroupIDs	nvarchar(4000)	Comma-delimited list of Site Group IDs to be used for PDF generation
SiteIDs	nvarchar(4000)	Comma-delimited list of Site IDs to be used for PDF generation
Status	nvarchar(100)	File Request status (e.g.
StudyID	int	Foreign key to Studies
SubjectIDs	nvarchar(4000)	Comma-delimited list of Subject IDs to be used for PDF generation
Type	nvarchar(50)	Type of PDF to generate: 'BlankPDF' or 'PDFWithData'
TypeOfFile	varchar(50)	Type of file generated: either 'PDFWithData'
Updated	datetime	Update timestamp
PendingSubjects		Subjects for which creation is pending
NumInStudy	int	Sequential number within the study
NumInStudySite	int	Sequential number within the study site
PendingSubjectID	int	Id of subject once it is created
StudyID	int	Foreign key to Studies
StudySiteID	int	Foreign key to StudySites
PossibleLocales		List of available locales
Description	varchar(50)	Key to localized description
LocaleCode	varchar(3)	3-char code for Locale
Projects		Projects / Global Library Volumes created in Architect
AbbrID	int	Unused
Created	datetime	Creation timestamp
CreatedBy	int	Foreign key to Users
Description	int	Description
ExternalID	int	Unused
IconID	int	LibraryIcon Foreign Key
IsAllCopySources	bit	1=Allows copy from any source
PageRedirection	int	[for future use]
ProjectActive	bit	0=Inactive 1=Active
ProjectID	int	Primary key
ProjectName	int	Name (localized)
ProjectTypeID	int	11=Project, 61=Global Library, 62=Proposed Global Library
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
Updated	datetime	Update timestamp
ProtocolDeviationClassR		Lookup table for Protocol Deviations Classes
ClassValueID	int	Description (localized)
Created	datetime	Creation timestamp
Deleted	bit	0=Current 1=Deleted
ProtocolDeviationClass	int	Unique identifier
Updated	datetime	Update timestamp
ProtocolDeviationCodeR		Lookup table for Protocol Deviations Codes
CodeValueID	int	Code value (localized)
Created	datetime	Creation timestamp
Deleted	bit	0=Current 1=Deleted
ProtocolDeviationCode	int	Unique identifier
Updated	datetime	Update timestamp
QueryStatusR		List of valid query status codes
Name	nvarchar(100)	Description
QueryStatus	int	Unique identifier

Table / Column name	Data Type	Explanation
RangeTypes		Sets of Variables that control a lab range
Active	bit	0=Inactive 1=Active
Created	datetime	Creation timestamp
RangeTypeID	int	Primary key
RangeTypeName	nvarchar(255)	Name
Updated	datetime	Update timestamp
RangeTypeVariables		Variables with a Lab Range Type
Active	bit	0=Inactive 1=Active
Created	datetime	Creation timestamp
HighValueDefault	float	default high value.
HighValueDefaultUnit	int	default high value unit.
HighValueLabel	int	Label for high value comparison
HighValueMatchOperator	int	Operator for high value match 1 is <= 2 is <
LowValueDefault	float	default low value
LowValueDefaultUnit	int	default low value unit.
LowValueLabel	int	Label for low value comparison
LowValueMatchOperator	int	Operator for low value match 1 is >= 2 is > 3 is =
Ordinal	int	Sequential counter
RangeTypeID	int	Foreign key to RangeTypes
RangeTypeVariableID	int	Primary key
Updated	datetime	Update timestamp
VariableID	int	Foreign key to Variables
RCVs		Rave Crystal Viewers
Created	datetime	Creation timestamp
IsRunning	bit	Is it running right now
ProcessesInUse	int	How many reports are currently being processed (up to 3)
RCVID	int	The ID
RCVUniqueName	varchar(50)	Unique Name that is specified in Web.config
StartDate	datetime	When it started the last time
StopDate	datetime	Last time it was stopped (set up in Application_End event of Global.asax.cs)
Updated	datetime	Update timestamp
RCVSesLog		Rave Crystal Viewers Session Log
Created	datetime	Creation timestamp
NewsActive	bit	New activity status
PrevsActive	bit	Previous activity status
RCVSessionID	int	Reference to RCVSessions table
RCVsSesLogID	int	The ID
WasEmailSent	bit	not used
RCVSesRequests		Rave Crystal Viewers Sessions Requests
Created	datetime	Creation timestamp
ProcessingEnded	datetime	When the report processing ended
ProcessingStarted	datetime	When the report processing started
RCVSesRequestID	int	The ID
RCVSessionID	int	Reference to RCVSessions table
ReportRequestID	int	Reference to ReportRequests table
Updated	datetime	Update timestamp
RCVSessions		Rave Crystal Viewer Sessions
ApplicationPath	varchar(200)	HttpContext.Current.Request.ApplicationPath
Ended	datetime	When the session was ended
Host	varchar(200)	Machine Name
IsActive	bit	Current status
RCVID	int	Reference to RCVs table
RCVSessionID	int	The ID
Started	datetime	When the session was started. Here it is the same as Created
Updated	datetime	Update timestamp
URL	varchar(200)	URL to the viewer
ReasonCodes		List of valid change reasons
Code	nvarchar(50)	Reason Code
Created	datetime	Creation timestamp
Deleted	bit	0=Current 1=Deleted
DescriptionID	int	Description (localized)
IsActive	bit	0=Inactive 1=Active
ReasonCodeID	int	Primary key
ReasonType	int	Type of ReasonCode
RoleID	smallint	Foreign key to RolesAllModules
Updated	datetime	Update timestamp
Records		Rows on a data page
Created	datetime	Creation timestamp
DataPageID	int	Foreign key to DataPages
Deleted	bit	0=Current 1=Deleted
EntryTime	datetime	Not implemented

Table / Column name	Data Type	Explanation
FormID	int	Foreign key to Forms
Guid	nvarchar(36)	Globally unique identifier
InstanceID	int	Foreign key to Instances
IsUserDeactivated	bit	Indicates if the current Record was deactivated by a user. 0=false, 1=true
LockTime	datetime	Not implemented
NeedsCVRefresh	tinyint	Clinical View refresh flag. 0=done, 1=needed, 2=underway, 3=lab refresh needed
PrimaryReviewTime	datetime	Not implemented
RecordActive	bit	0=Inactive 1=Active
RecordDate	datetime	Record (visit) date
RecordID	int	Primary key
RecordName	nvarchar(255)	Name
RecordPosition	int	Record Position - 0 for a non-log form
ReportLaunchMethod	int	Launch method for Reports
SecondaryReviewTime	datetime	Not implemented
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
SubjectID	int	Foreign key to Subjects
SubjectMatrixID	int	Matrix that created the record
TertiaryReviewTime	datetime	Not implemented
Updated	datetime	Update timestamp
VerifyTime	datetime	Not implemented
ReportingLabDataPoints		Reporting structure for normalized lab view
AlertDataDictionaryId	int	Id of data dictionary for alert range
AlertDataDictionaryNameId	int	Name of data dictionary for alert range (localized)
AlertHighRange	float	High value for alert range
AlertLabId	int	Id of alert lab
AlertLabNameId	int	Name of Alert Lab (localized)
AlertLowRange	float	Low value for alert range
AlertRangeComments	nvarchar(255)	Comments for alert range
AlertRangeFlag	varchar(1)	- =Low 0 =Normal + =High
AlertRangeId	int	Id of alert range
AnalyteId	int	Foreign key to Analytes
AnalyteName	nvarchar(255)	Name of analyte
AnalyteRangeId	int	Foreign key to AnalyteRanges
CodedData	nvarchar(255)	Coded data for lab range
Created	datetime	Creation timestamp
Custom1	nvarchar(4000)	Custom column 1
Custom2	nvarchar(4000)	Custom column 2
Custom3	nvarchar(4000)	Custom column 3
Data	nvarchar(2000)	Datapoint value
DataDictionaryId	int	Foreign key to DataDictionaries
DataDictionaryNameId	int	Dictionary name for lab range (localized)
DataPointId	int	Foreign key to DataPoints
DPCreated	datetime	Creation timestamp for datapoint
DPUpdated	datetime	Update timestamp for datapoint
ExclRoles	nvarchar(200)	List of roles that can't see this datapoint
FieldId	int	Foreign key to Fields
FieldOrdinal	int	Sequential counter
FormId	int	Foreign key to Forms
Formoid	varchar(50)	Form object identifier
HighRange	float	High value of lab range
isLog	bit	0=Is Not Log 1=Is Log
LabId	int	Foreign key to Labs
LabNameId	int	Lab name (localized)
LabStandardGroupId	int	Foreign key to LabStandardGroups
LabStandardGroupName	nvarchar(255)	Standard group name
LabUnitConversionId	int	Foreign key to LabUnitConversions
LabUnitId	int	Foreign key to LabUnits
LabUnitNameId	int	Lab units (localized)
LowRange	float	Lab low value
NumericValue	float	Numeric value of datapoint data
ProjectId	int	Foreign key to Projects
RangeComments	nvarchar(255)	Comments for lab range
RangeFlag	varchar(1)	- =Low 0 =Normal + =High
RangesApproved	bit	0=Ranges Not Approved 1=Ranges Approved
RecordId	int	Foreign key to Records
ReferenceDataDictionaryId	int	Id of data dictionary for reference range
ReferenceDataDictionaryNameId	int	Name of data dictionary for reference range (localized)
ReferenceHighRange	float	High value for reference range
ReferenceLabId	int	Id of reference lab
ReferenceLabNameId	int	Name of reference Lab (localized)
ReferenceLowRange	float	Low value for reference range
ReferenceRangeComments	nvarchar(255)	Comments for reference range
ReferenceRangeFlag	varchar(1)	- =Low 0 =Normal + =High
ReferenceRangeId	int	Id of reference range
StandardHighRange	float	Lab high value in standard units
StandardLabUnitId	int	Standard unit id
StandardLabUnitNameId	int	Standard units (localized)
StandardLowRange	float	Lab low value in standard units

Table / Column name	Data Type	Explanation
StandardValue	float	Numeric value in standard units
ReportingRecords		Reporting structure for clinical views
c1_conf	bit	0=first column not conformant 1=first column conformant
c1_data	nvarchar(2000)	Data for first column
c1_dpid	int	Datapoint id for 1st column
c1_ex	nvarchar(200)	List of excluded roles for first column
c1_std	nvarchar(2000)	Standard value for first column
c1_std_un	nvarchar(255)	Standard units for first column
c1_un	nvarchar(255)	Units for first column
c2_conf	bit	As above for 2nd column
c2_data	nvarchar(2000)	As above for 2nd column
c2_dpid	int	As above for 2nd column
c2_ex	nvarchar(200)	As above for 2nd column
c2_std	nvarchar(2000)	As above for 2nd column
c2_std_un	nvarchar(255)	As above for 2nd column
c2_un	nvarchar(255)	As above for 2nd column
c144_un	nvarchar(255)	As above for final column
Created	datetime	Creation timestamp
Custom1	nvarchar(4000)	Custom column 1
Custom2	nvarchar(4000)	Custom column 2
Custom3	nvarchar(4000)	Custom column 3
DataPageld	int	Foreign key to DataPages
ExclRoles	nvarchar(200)	List of roles that can't see this record
FormOID	varchar(50)	OID of form
IsLog	bit	0=Not a log record, 1=Log record
MaxUpdated	datetime	Latest datapoint updated time
MinCreated	datetime	Earliest datapoint creation time
ProjectId	int	Project id
RecordActive	bit	0=Inactive 1=Active
RecordDate	datetime	First non-null of record date, data page date, instance date
RecordId	int	Id of record
RecordPosition	int	Record Position - 0 for a non-log form
SubjectId	int	Id of subject
ReportingRecordsExt		User-Locale pairs for corresponding ReportingRecords
c1_loc	char	3-letter Locale code for column 1
c1_usr	nvarchar(2000)	Translated string
c2_loc	char	3-letter Locale code for column 2
c2_usr	nvarchar(2000)	Translated string
c144_loc	char	3-letter Locale code for final column
c144_usr	nvarchar(2000)	Translated string
RecordId	int	Foreign key to ReportingRecords
ReportMatrices		Reports for a given project
ProjectID	int	Foreign key to Projects
ReportID	int	Foreign key to Reports
SitePage	bit	0=Not Site Page 1=Site Page
StudiesPage	bit	0=Not Studies Page 1=Studies Page
StudyPage	bit	0=Not Study Page 1=Study Page
SubjectPage	bit	0=Not Subject Page 1=Subject Page
ReportParameters		Report Parameters
Created	datetime	Creation timestamp
LocalPromptID	int	Parameter prompt (localized)
Ordinal	int	Sequential counter
ParameterID	int	Foreign key to Parameters
ReportID	int	Foreign key to Reports
ReportParameterID	int	Primary key
Required	bit	0=Not Required 1=Required
SelectionStyleID	int	Foreign key to SelectionStyleR
Updated	datetime	Update timestamp
ReportRequests		Requests for reports
Active	bit	0=Inactive 1=Active
Created	datetime	Creation timestamp
GUID	char	Globally unique identifier
InteractionID	int	Foreign key to Interactions
ReportID	int	Foreign key to Reports
ReportRequestID	int	Primary key
Request	nvarchar(-1)	Saved Http query string (report parameters) for User-Saved Reports
Reports		Reports
Active	bit	0=Inactive 1=Active
AddProperties	ntext	List of name-value pairs - additional properties - separated by " " or ";"
BasedOn	int	ID of the parent report. Used for User-Saved reports only.
Created	datetime	Creation timestamp
DocID	int	not used
EncryptParameters	bit	0=Don't Encrypt Parameters 1=Encrypt Parameters

Table / Column name	Data Type	Explanation
FileName	varchar(256)	Used for Crystal Report (.rpt) file name
Locale	char	Default locale (language) for the report
ParametersValidator	ntext	Parameter validation code written in ParametersValidatorLang
ParametersValidatorLang	varchar(10)	Coding language: 'T-SQL'
PassParamsViaDB	bit	0=Don't Pass Parameters via DB 1=Pass Parameters via DB
ReportDescID	int	Localized report description
ReportID	int	Primary key
ReportLaunchMethod	int	Foreign key to ReportLaunchMethodR
ReportNameID	int	Report name (localized)
ReportOID	varchar(50)	Report object identifier
ReportTypeID	int	Foreign key to ReportTypeR
Updated	datetime	Update timestamp
URL	varchar(1024)	Template that is used to run report from Reporter or EDC
ReportSortings		Sort keys for each report
Ordinal	int	Sequential counter
ReportID	int	Foreign key to Reports
ReportSortingID	int	Primary key
SortByFieldDescID	int	Localized description to show in sorting listbox
SortByFieldName	varchar(128)	Name of a field that will be used for sorting
SortOrder	int	0 - Ascending 1 - Descending
ReportStudyFilters		Studies assigned to Reports
ReportID	int	Foreign key to Reports
StudyFilterID	int	Primary key
StudyID	int	Foreign key to Studies
ReportTypeR		List of report types
Name	varchar(50)	Name
ReportTypeID	int	0 - Standard 1 - User-Saved 2 - Custom
Resources		External URLs
Created	datetime	Creation timestamp
Created	datetime	Creation timestamp
IsActive	bit	0=Inactive 1=Active
ResourceID	int	Primary key
ResourceNameID	int	Name (localized)
Updated	datetime	Update timestamp
Url	nvarchar(500)	The URL for the resource
RestrictionTypeR		Types of restriction (entry/view)
Name	varchar(25)	Name
RestrictionType	tinyint	Id
ReviewGroups		Review Groups
Created	datetime	Creation timestamp
ReviewGroupActive	bit	0=Inactive 1=Active
ReviewGroupID	int	Primary key
ReviewGroupNameID	int	Review Group name (localized)
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
Updated	datetime	Update timestamp
ReviewStatusR		List of Review Status Codes
Name	nvarchar(100)	Name
ReviewStatus	int	Unique identifier
RoleActions		Allowable actions for a role
ActionType	int	Action code
Created	datetime	Creation timestamp
GroupID	int	Group number
RestrictionMask	bigint	Bitmask of pre-conditions of interest
RestrictionStatus	bigint	Bitmask of required setting (0 = must be off 1 = must be on)
RoleActionID	int	Primary key
RoleID	smallint	Foreign key to RolesAllModules
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
Updated	datetime	Update timestamp
RolePermissionR		List of Role Permissions
Name	nvarchar(100)	Name
RolePermissionID	int	Primary key
Roles		Roles (note, this is a view in Rave 5.6. The table is RolesAllModules)
Active	bit	0=Inactive 1=Active
CanBatchSign	bit	0=Cannot Batch Sign 1=Can Batch Sign
CanInactivateForm	bit	0=Cannot Inactivate Form 1=Can Inactivate Form
CanModifyTemplates	bit	0=Cannot Modify Templates 1=Can Modify Templates
CanReactivateForm	bit	0=Cannot Reactivate Form 1=Can Reactivate Form
CanUseAdvancedDCFs	bit	0=Cannot use advanced DCF functionality 1=Can use advanced DCF functionality
CanUseDCFs	bit	0=Cannot use DCF functionality 1=Can use DCF functionality

Table / Column name	Data Type	Explanation
CanUseTemplates	bit	0=Cannot Use Templates 1=Can Use Templates
CanViewStudyGrid	bit	0=Cannot View Study Grid 1=Can View Study Grid
ChangeInvestigator	bit	0=Cannot Change Investigator 1=Can Change Investigator
Created	datetime	Creation timestamp
CreateSubjects	bit	0=Cannot Create Subjects 1=Create Subjects
IsInvestigator	bit	0=Is Not Investigator 1=Is Investigator
ModifyPrimaryRecord	bit	0=Cannot Modify Primary Record 1=Can Modify Primary Record
Pass1DataEntry	bit	0=Not Pass1DataEntry 1=Pass1DataEntry
Pass2DataEntry	bit	0=Not Pass2DataEntry 1=Pass2DataEntry
Reconcile	bit	0=Not Reconcile 1=Reconcile
RoleID	smallint	Primary key
RoleNameID	int	Role name (localized)
RolePermissions	int	Bitmask of permissions for the role
SeeAudits	bit	0=Cannot See Audits 1=Can See Audits
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
SetClinicalSignificance	bit	0=Cannot Set Clinical Significance 1=Can Set Clinical Significance
ShareSubject	bit	0=Cannot Share Subject 1=Share Subject
SubjectAdmin	bit	0=Cannot Perform Subject Admin 1=Can Perform Subject Admin
Updated	datetime	Update timestamp
UseLabMaintenance	bit	0=Cannot Use Lab Maintenance 1=Can Use Lab Maintenance
UsePrimarySubjectName	bit	0=Use Secondary Subject Name 1=Use Primary Subject Name
ViewAllSites	bit	0=Cannot View All Sites 1= View All Sites
ViewAllSubjects	bit	0=Cannot View All Subjects 1=View All Subjects
RolesAllModules		Roles across all modules (EDC, Architect, Global Library)
Active	bit	0=Inactive 1=Active
CanBatchSign	bit	0=Cannot Batch Sign 1=Can Batch Sign
CanInactivateForm	bit	0=Cannot Inactivate Form 1=Can Inactivate Form
CanModifyTemplates	bit	0=Cannot Modify Templates 1=Can Modify Templates
CanReactivateForm	bit	0=Cannot Reactivate Form 1=Can Reactivate Form
CanUseAdvancedDCFs	bit	0=Cannot use advanced DCF functionality 1=Can use advanced DCF functionality
CanUseDCFs	bit	0=Cannot use DCF functionality 1=Can use DCF functionality
CanUseTemplates	bit	0=Cannot Use Templates 1=Can Use Templates
CanViewStudyGrid	bit	0=Cannot View Study Grid 1=Can View Study Grid
ChangeInvestigator	bit	0=Cannot Change Investigator 1=Can Change Investigator
Created	datetime	Creation timestamp
CreateSubjects	bit	0=Cannot Create Subjects 1=Create Subjects
IsInvestigator	bit	0=Is Not Investigator 1=Is Investigator
ModifyPrimaryRecord	bit	0=Cannot Modify Primary Record 1=Can Modify Primary Record
ModuleID	tinyint	Foreign key to ModulesR
Pass1DataEntry	bit	0=Not Pass1DataEntry 1=Pass1DataEntry
Pass2DataEntry	bit	0=Not Pass2DataEntry 1=Pass2DataEntry
Reconcile	bit	0=Not Reconcile 1=Reconcile
RoleID	smallint	Primary key
RoleNameID	int	Role name (localized)
RolePermissions	int	Bitmask of permissions for the role
SeeAudits	bit	0=Cannot See Audits 1=Can See Audits
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
SetClinicalSignificance	bit	0=Cannot Set Clinical Significance 1=Can Set Clinical Significance
ShareSubject	bit	0=Cannot Share Subject 1=Share Subject
SubjectAdmin	bit	0=Cannot Perform Subject Admin 1=Can Perform Subject Admin
Updated	datetime	Update timestamp
UseLabMaintenance	bit	0=Cannot Use Lab Maintenance 1=Can Use Lab Maintenance
UsePrimarySubjectName	bit	0=Use Secondary Subject Name 1=Use Primary Subject Name
ViewAllSites	bit	0=Cannot View All Sites 1= View All Sites
ViewAllSubjects	bit	0=Cannot View All Subjects 1=View All Subjects
RoleSubjectStatusAccess		List of subject status codes each role can access
RoleID	smallint	Foreign key to RolesAllModules
SubjectStatusID	int	Foreign key to SubjectStatus
rollupmonitoring		Internal use only
objectid	int	
objecttypeid	int	
rolluptime	datetime	
success	bit	
ScriptExecutionLog		Record of execution of database change scripts
ExecutionID	int	Unique identifier
IsRerunnable	bit	0=Is Not Rerunnable 1=Is Rerunnable
RequiredForBuild	varchar(15)	Build number
ScriptCompletedDateTime	datetime	Date script ran
ScriptDate	char	Date of script creation
ScriptName	varchar(50)	Name of script
ScriptNumber	char	Script number
ScriptRevision	int	Script revision number
ScriptRunByDbLogin	varchar(50)	Userid that ran the script
SecurityGroup		Security Group for Architect/Global Library

Table / Column name	Data Type	Explanation
Active	bit	0=Inactive 1=Active
Created	datetime	Creation timestamp
SecurityGroupID	int	Primary key
SecurityGroupnameID	int	Security Group Name (localized)
Updated	datetime	Update timestamp
SecurityGroupUser		Security Group Users
Created	datetime	Creation timestamp
SecurityGroupID	int	Foreign key to SecurityGroup
SecurityGroupUserID	int	Primary key
Updated	datetime	Update timestamp
UserID	int	Foreign key to Users
SelectionStyleR		Internal use only
Name	varchar(50)	List selection style: 'Single'
SelectionStyleID	int	Primary key
SharedSubjects		Subjects that are shared across sites
Created	datetime	Creation timestamp
Deleted	bit	0=Current 1=Deleted
Guid	varchar(36)	Globally unique identifier
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
StudySiteID	int	Foreign key to StudySites
SubjectID	int	Foreign key to Subjects
Updated	datetime	Update timestamp
SharingRelationships		Site sharing relationships
Created	datetime	Creation timestamp
Deleted	bit	0=Current 1=Deleted
FromSiteID	int	Site Subjects will be shared from
ToSiteID	int	Site Subject will be shared to
Updated	datetime	Update timestamp
Signatures		Electronic signature records
Created	datetime	Creation timestamp
FullName	nvarchar(200)	Full name of signer
Guid	varchar(36)	Globally unique identifier
IsActive	bit	0=Inactive 1=Active
ObjectID	int	Object Identifier
ObjectTypeID	tinyint	Foreign key to ObjectTypeR
RoleID	smallint	Foreign key to RolesAllModules
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
SignatureHash	varchar(100)	Internal use only
SignatureID	int	Primary key
SignaturePrompt	nvarchar(2000)	Prompt for the signature fields
Updated	datetime	Update timestamp
UserID	int	Foreign key to Users
SiteGroups		Groups of sites
Created	datetime	Creation timestamp
DefaultLocale	nvarchar(255)	Default locale (language)
Deleted	bit	0=Current 1=Deleted
EndSeq	int	End sequence number in the hierarchy
ParentSiteGroupID	int	Parent group id
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
SiteGroupActive	bit	0=Inactive 1=Active
SiteGroupID	int	Primary key
SiteGroupNameID	int	Site Group name (localized)
SiteGroupNumberID	int	Group number
StartSeq	int	Start sequence number in the hierarchy
TimezoneID	int	Id of timezone
Updated	datetime	Update timestamp
Sites		Sites
AddressLine1	nvarchar(255)	Address line 1
AddressLine2	nvarchar(255)	Address line 2
AddressLine3	nvarchar(255)	Address line 3
City	nvarchar(255)	City
Country	nvarchar(255)	Country
Created	datetime	Creation timestamp
ExternalID	int	ID assigned to the Site by an external system
Fax	nvarchar(32)	Fax number
OID	varchar(50)	Unique object identifier
PostalCode	nvarchar(50)	Post code
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
SiteActive	bit	0=Inactive 1=Active
SiteGroupID	int	Foreign key to SiteGroups
SiteID	int	Primary key
SiteNameID	int	Name (localized)

Table / Column name	Data Type	Explanation
SiteNumber	nvarchar(50)	Site number
State	nvarchar(255)	State
Telephone	nvarchar(32)	Phone number
Updated	datetime	Update timestamp
StatusRollupQueue		Queue of deferred rollup requests
Dirty	datetime	Timestamp when rollup was set dirty
InUse	datetime	Timestamp rollup started
ObjectID	int	Object Identifier (e.g. studysiteid studyid)
ObjectTypeID	tinyint	Object type (e.g. studysite study)
Priority	datetime	Timestamp of most recent request
RoleID	smallint	Foreign key to RolesAllModules
StatusRollupQueueID	int	Primary key
StickyStatusR		List of status codes for a sticky
Name	nvarchar(100)	Name
StickyStatus	int	Unique identifier
StringTokenR		Tokens used for folder names
Description	nvarchar(255)	Description
Token	varchar(40)	Token. Primary Key
Studies		A project/environment combination
Created	datetime	Creation timestamp
DefaultCRFVersionID	int	CRF version id for new subjects
Deleted	bit	0=Current 1=Deleted
EnrollmentTarget	int	Target number of subjects
EnvironmentNameID	int	Name of environment (localized)
ExternalID	int	Not used
IsUserDeactivated	bit	Indicates if the current Study was deactivated by a user. 0=false, 1=true
OID	varchar(50)	Unique object identifier
ProjectID	int	Foreign key to Projects
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
StartDate	datetime	Study start date
StudyActive	bit	0=Inactive 1=Active
StudyID	int	Primary key
TestStudy	bit	0=Not TestStudy 1=TestStudy
Updated	datetime	Update timestamp
StudySiteInvestigators		Investigators at each study site
Created	datetime	Creation timestamp
InvestigatorID	int	Foreign key to Investigators
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
StudySiteID	int	Foreign key to StudySites
StudySiteInvestigatorID	int	Primary key
Updated	datetime	Update timestamp
StudySites		Sites within each study
Created	datetime	Creation timestamp
CRFVersionID	int	Foreign key to CRFVersions
DefaultLabType	int	0=None, 1=Local, 2=central, 3=Units Only, 4 = Disallow Units Only
Deleted	bit	0=Current 1=Deleted
EnrollmentCap	int	Maximum enrollment
EnrollmentTarget	int	Target enrollment
IsDDE	bit	0=Is Not DDE 1=Is DDE
IsUserDeactivated	bit	Indicates if the current StudySite was deactivated by a user. 0=false, 1=true
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
SiteID	int	Foreign key to Sites
StudyID	int	Foreign key to Studies
StudySiteActive	bit	0=Inactive 1=Active
StudySiteID	int	Primary key
StudySiteNumber	varchar(20)	Number of site within the study
Updated	datetime	Update timestamp
StudySiteSyncLog		Log of synchronizations for Rave Remote users
StudySiteID	int	Foreign key to StudySites
SyncDate	datetime	Timestamp
SubjectMatrix		Matrices added to a subject
Active	bit	0=Inactive 1=Active
Created	datetime	Creation timestamp
Guid	nvarchar(36)	Globally unique identifier
MatrixAction	tinyint	Was this a matrix merge or add?
MatrixID	int	Foreign key to Matrix
ObjectID	int	Subject Id
ObjectTypeID	tinyint	Object type (currently just "Subject")
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
SubjectMatrixID	int	Primary key
Updated	datetime	Update timestamp

Table / Column name	Data Type	Explanation
Subjects		Subjects/patients
Created	datetime	Creation timestamp
CreatedByUserID	int	Userid that created the subject
CRFVersionID	int	Foreign key to CRFVersions
CurrentInvestigator	int	Current investigator id
Deleted	bit	0=Current 1=Deleted
ExternalID	nvarchar(25)	ID of the Subject in the external system (for interfacing with external systems or data imports)
Guid	nvarchar(36)	Globally unique identifier
InitialInvestigator	int	Initial Investigator id
IsUnavailable	bit	0=Is Available 1=Is Unavailable
IsUserDeactivated	bit	Indicates if the current Subject was deactivated by a user. 0=false, 1=true
MaxDate	datetime	Not used
NumberInStudy	int	Sequential number of subject in the study
NumberInStudySite	int	Sequential number of subject in the study site
RequiresSignature	bit	Unused
SecondaryName	nvarchar(50)	Secondary subject name for users not allowed to see primary name
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
StudySiteID	int	Foreign key to StudySites
SubjectActive	bit	0=Inactive 1=Active
SubjectDate	datetime	Date subject was first entered into Rave
SubjectID	int	Primary key
SubjectName	nvarchar(50)	Name
SubjectStatus	int	Id into SubjectStatusR
Updated	datetime	Update timestamp
SubjectStatus		List of subject status codes
Created	datetime	Creation timestamp
Deleted	bit	0=Current 1=Deleted
StringID	int	Status code (localized)
SubjectStatusID	int	Primary key
Updated	datetime	Update timestamp
SubjectStatusHistory		History of status for each subject
DateChanged	datetime	Change date
SubjectID	int	Foreign key to Subjects
SubjectStatusID	int	Foreign key to SubjectStatus
SuspectRoles		Role/Study combinations for roles that have changed since last rollout
MarkedSuspectOn	datetime	Date marked suspect
RoleId	int	Foreign key to RolesAllModules
StudyId	int	Foreign key to Studies
SuspectRoleId	int	Unique Identifier
Synchronizations		Synchronizations with Rave Remote users
IPAddress	nvarchar(50)	IP address
MacAddress	nvarchar(50)	Mac address
StudySiteID	int	Foreign key to StudySites
Success	bit	0=Not Success 1=Success
SyncDate	datetime	Date
SynchronizationID	int	Primary key
UserID	int	Foreign key to Users
TagDataTypeR		Data types for Tags
TagDataType	varchar(50)	Description
TagDataTypeld	tinyint	Id
TagProcessorDeployments		Use of a tag within a project or study
Objectld	int	Id of the object
ObjectTypeId	int	Type of the object (from ObjecttypeR)
TagProcessorId	int	Id of tag processor
TagProcessors		Processors (event handlers) for various tags
AssemblyQualifiedName	nvarchar(255)	Full name of assembly to execute
RunMode	tinyint	0=Real time 1=Asynchronous, queue processed by Rave 2=Asynchronous, queue not processed by Rave
TagProcessorId	int	Unique identifier
TagProcessorName	varchar(100)	Name
Tags		A tag that can be applied to a Rave object, such as a field
TagId	int	Unique identifier
TagName	nvarchar(100)	Name
TagProcessorId	int	Id of tag processor that will execute when a tagged object is saved
ValueDataTypeld	tinyint	Data type (in TagDataTypeR)
TemplateFields		Fields within Templates
Created	datetime	Creation timestamp
FieldOID	varchar(50)	Field object identifier

Table / Column name	Data Type	Explanation
Guid	varchar(36)	Globally unique identifier
IsVisible	bit	0=Is Not Visible 1=Is Visible
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
TemplateID	int	Foreign key to Templates
Updated	datetime	Update timestamp
Templates		
Created	datetime	Creation timestamp
Deleted	bit	0=Current 1=Deleted
FormOID	varchar(50)	Form object identifier
Guid	varchar(36)	Globally unique identifier
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
StudySiteID	int	Foreign key to StudySites
TemplateID	int	Primary key
TemplateName	nvarchar(255)	Name
Updated	datetime	Update timestamp
Template Forms		
Created	datetime	Creation timestamp
Deleted	bit	0=Current 1=Deleted
FormOID	varchar(50)	Form object identifier
Guid	varchar(36)	Globally unique identifier
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
StudySiteID	int	Foreign key to StudySites
TemplateID	int	Primary key
TemplateName	nvarchar(255)	Name
Updated	datetime	Update timestamp
TimeStampTypeR		
TimeStampType	int	Unique identifier
TimeStampTypeName	nvarchar(50)	Name
Lookup table for types of warehouse time stamps not populated internal Enum is used instead		
Timezones		
Bias	int	Minutes from GMT. A positive number is earlier than GMT
Created	datetime	Creation timestamp
DaylightBias	int	Minutes difference for daylight savings
DaylightDateDay	int	Not used
DaylightDateDayOfWeek	int	Not used
DaylightDateHour	int	Not used
DaylightDateMillisecond	int	Not used
DaylightDateMinute	int	Not used
DaylightDateMonth	int	Not used
DaylightDateSecond	int	Not used
DaylightDateYear	int	Not used
Default	bit	0=Not Default 1=Default
ID	int	Primary key
InUse	bit	0=Not In Use 1=In Use
KeyName	varchar(255)	Key to localized time zone name
StandardBias	int	Not used
StdDateDay	int	Not used
StdDateDayOfWeek	int	Not used
StdDateHour	int	Not used
StdDateMillisecond	int	Not used
StdDateMinute	int	Not used
StdDateMonth	int	Not used
StdDateSecond	int	Not used
StdDateYear	int	Not used
TZI	binary	Time Zone Information
Updated	datetime	Update timestamp
UnitDictionaries		
Created	datetime	Creation timestamp
CRFVersionID	int	Foreign key to CRFVersions
IsDraft	bit	Indicates if the current record belongs to a draft or a version. 0=Version, 1=Draft.
NameSpaceID	int	Not used
OID	varchar(50)	Unique object identifier
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
SourceCopyTime	datetime	DateTime when this instance record was created by copy from a source in a Global Library or a Project using GL copy feature.
SourceObjectID	int	Identifier for the Source Object from which this object was copied from using Global Library.
StandardUnitDictionaryEntryID	int	Id of standard entry
UnitDictionaryID	int	Primary key
UnitDictionaryName	int	Name (localized)
Updated	datetime	Update timestamp
UpdatedAfterSourceCopy	datetime	The DateTime value for when the current record was last updated after being sourced using Global Library Copy feature.
UnitDictionaryEntries		
CodedUnit	nvarchar(255)	Coded value
ConstantA	float	Standard = u * (A/B + C) + K
ConstantB	float	As above
ConstantC	float	As above
ConstantK	float	As above
Created	datetime	Creation timestamp
OID	varchar(50)	Unique object identifier
Ordinal	int	Sequential counter
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user

Table / Column name	Data Type	Explanation
SourceCopyTime	datetime	DateTime when this instance record was created by copy from a source in a Global Library or a Project using GL copy feature.
SourceObjectID	int	Identifier for the Source Object from which this object was copied from using Global Library.
UnitDictionaryEntryID	int	Primary key
UnitDictionaryEntryName	int	Name (localized)
UnitDictionaryID	int	Foreign key to UnitDictionaries
Updated	datetime	Update timestamp
UserUnitStringID	int	Units (localized)
UserGroups		User Groups
GroupNameID	int	Group name (localized)
Permissions	int	Bitmask of permissions
Updated	datetime	Update timestamp
UserGroupID	int	Primary key
UserModules		Modules for each User Group
ModuleID	int	Foreign key to InstalledModules
UserGroupID	int	Foreign key to UserGroups
UserObjectRole		Assignment of users to studies/projects/global library volumes
Active	bit	0=Inactive 1=Active
Created	datetime	Creation timestamp
DenyObjectRole	bit	0=agree, 1=deny
GrantOnObjectID	int	Grant on ObjectID
GrantOnObjectTypeID	int	7=Study, 11=Project, 61=GlobalLibraryVolume, 62=GlobalLibraryProposal
GrantToObjectID	int	Grant to ObjectID
GrantToObjectTypeID	tinyint	17=User, 68=SecurityGroup
RoleID	smallint	Foreign key to RolesAllModules
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
Updated	datetime	Update timestamp
UserObjectRoleID	int	Primary key
UserProjects		Projects for each user
ProjectID	int	Foreign key to Projects
UserID	int	Foreign key to Users
UserReportProfiles		User selections for user-saved reports
CreatedByUserID	int	UserID
Parameters	nvarchar(-1)	String of saved parameters
ReportID	int	Foreign key to Reports
UserReportProfileID	int	Primary key
UserRoleReports		Contains info which users/roles see which reports
Active	bit	0=Inactive 1=Active
ReportID	int	Foreign key to Reports
RoleID	smallint	Foreign key to RolesAllModules
UserID	int	Foreign key to Users
UserRoleReportID	int	Primary key
Users		Users
AccountActivation	bit	0=Not Account Activation 1=Account Activation
AddressLine1	nvarchar(255)	Address line 1
AddressLine2	nvarchar(255)	Address line 2
AddressLine3	nvarchar(255)	Address line
City	nvarchar(255)	City
Country	nvarchar(255)	Country
Created	datetime	Creation timestamp
Credentials	nvarchar(255)	Credentials
DEANumber	nvarchar(255)	DEA Number
Email	nvarchar(255)	Email address
Enabled	bit	0=Not Enabled 1=Enabled
ExternalID	int	ID assigned to the User by an external system
Facsimile	nvarchar(32)	Fax number
FirstName	nvarchar(255)	First name
Guid	nvarchar(36)	Globally unique identifier
InitialSiteGroupID	int	Foreign key to SiteGroups
InstitutionName	nvarchar(255)	Institution
InvestigatorNumber	int	Investigator number
IsInvestigator	bit	0=Is Not Investigator 1=Is Investigator
IsTrainingOnly	bit	0=Is Not TrainingOnly 1=Is TrainingOnly
LastName	nvarchar(255)	Last name
Localization	char	Locale the User is associated with
LockedOut	bit	0=Not Locked Out 1=Locked Out
Login	nvarchar(50)	Login (userid)
MiddleName	nvarchar(255)	Middle name
MobileNumber	nvarchar(32)	Mobile phone number
NetworkMask	varchar(255)	Network mask associated with the User
Pager	nvarchar(32)	Pager number

Table / Column name	Data Type	Explanation
Password	nvarchar(50)	Password (encrypted)
PasswordExpires	datetime	Date password expires
PIN	nvarchar(50)	PIN for activation
PostalCode	nvarchar(50)	Post Code
Salutation	nvarchar(32)	Salutation
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
SponsorApproval	bit	0=No Sponsor Approval 1=Sponsor Approval
State	nvarchar(255)	State
Telephone	nvarchar(32)	Phone
TimeZone	int	Foreign key to timezones
Title	nvarchar(255)	Title
Trained	datetime	Date trained
TrainingSigned	bit	0=Training Not Signed 1=Training Signed
Updated	datetime	Update timestamp
URL	nvarchar(255)	Url for the User
UserActive	bit	0=Inactive 1=Active
UserGroup	int	Foreign key to UserGroups
UserID	int	Primary key
UserSettings		
Created	datetime	Creation timestamp
Guid	varchar(36)	Globally unique identifier
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
Tag	nvarchar(50)	Setting Name
Updated	datetime	Update timestamp
UserID	int	Foreign key to Users
Value	nvarchar(200)	Setting Value
UserStudyRole		
Active	bit	0=Inactive 1=Active
Created	datetime	Creation timestamp
RoleId	smallint	Foreign key to RolesAllModules
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
StudyId	int	Foreign key to Studies
Updated	datetime	Update timestamp
Userid	int	Foreign key to Users
UserStudyRoleId	int	Primary key
UserStudySites		
Created	datetime	Creation timestamp
IsUserStudySiteActive	bit	0=Inactive 1=Active
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
StudySiteID	int	Foreign key to StudySites
Updated	datetime	Update timestamp
UserID	int	Foreign key to Users
UserStudySitesID	int	Primary key
Variables		
CodingDictionaryID	int	Foreign key to CodingDictionaries
Created	datetime	Creation timestamp
CRFVersionID	int	Foreign key to CRFVersions
DataDictID	int	ID of the data dictionary associated with the variable
DataFormat	nvarchar(255)	Format of the variable (in RAVE notation)
DerivationID	int	Foreign key to Derivations
IsDraft	bit	Indicates if the current record belongs to a draft or a version. 0=Version, 1=Draft.
NameSpaceID	int	Not currently used
OID	varchar(50)	Unique object identifier
ServerSyncDate	datetime	Date of last synchronization with Rave Remote user
SourceCopyTime	datetime	DateTime when this instance record was created by copy from a source in a Global Library or a Project using GL copy feature.
SourceObjectID	int	Identifier for the Source Object from which this object was copied from using Global Library.
UnitDictID	int	ID of the unit dictionary associated with the variable
Updated	datetime	Update timestamp
UpdatedAfterSourceCopy	datetime	The DateTime value for when the current record was last updated after being sourced using Global Library Copy feature.
VariableID	int	Primary key
VariableName	nvarchar(255)	Name
VerifyStatusR		
Name	nvarchar(100)	Name
VerifyStatus	int	Primary key
VersionRangeTypes		
Active	bit	0=Inactive 1=Active
Created	datetime	Creation timestamp
CRFVersionID	int	Foreign key to CRFVersions
RangeTypeID	int	Foreign key to RangeTypes

Table / Column name	Data Type	Explanation
SourceCopyTime	datetime	DateTime when this instance record was created by copy from a source in a Global Library or a Project using GL copy feature.
SourceObjectID	int	Identifier for the Source Object from which this object was copied from using Global Library.
Updated	datetime	Update timestamp
VersionRangeTypeID	int	Primary key
VersionVariableMappings		Mapping of range type variables to fields in a CRF Version
Active	bit	0=Inactive 1=Active
Created	datetime	Creation timestamp
CRFVersionID	int	Foreign key to CRFVersions
LocationMethod	int	1=EarliestDate 2=LatestDate 3=ClosestDate 4=ClosestPriorToDate 5=OnLabPage
MapsToFieldID	int	Foreign key to Fields
MapsToFolderID	int	Foreign key to Folders
MapsToFormID	int	Foreign key to Forms
SourceCopyTime	datetime	DateTime when this instance record was created by copy from a source in a Global Library or a Project using GL copy feature.
SourceObjectID	int	Identifier for the Source Object from which this object was copied from using Global Library.
Updated	datetime	Update timestamp
VariableID	int	Foreign key to Variables
VersionVariableMappingID	int	Primary key