

# Surround SCM Database Reference Guide

Version 2016.1



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## ER diagram

The Surround SCM database entity relationship diagram is available at [http://downloads.seapine.com/pub/docs/erd\\_sscm2016\\_1.gif](http://downloads.seapine.com/pub/docs/erd_sscm2016_1.gif).

## Data dictionary

Table: ARCHIVEFILE	
Primary key constraint name	PK_ARCHIVEFILE
Comment	Contains the master list of files in Surround SCM

### Columns:

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
FileID	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
OrigRepoID	No	NUMERIC(10)	Yes	Foreign key to the REPOSITORY table. Original repository where the archive file was added.
OrigFileName	No	CHARACTER VARYING(255)	Yes	Original archive filename
FileType	No	NUMERIC(2)	Yes	Archive file type - 0: ASCII, 1: Binary, 2: MacBinary, 3: UTF8, 4: UTF16, 5: Symlink
Destroyed	No	NUMERIC(1)	No	Indicates if the archive file was destroyed. Destroyed files cannot be restored.

Table: ATTACHACTION	
Primary key constraint name	PK_ATTACHACTION
Comment	Contains information about Surround SCM files attached to TestTrack items

### Columns:

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
AttachActionID	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
ChangelistID	No	NUMERIC(10)	No	Foreign key to the CHANGELIST table. Changelist the attach action is associated with.
ChangelistEventID	No	NUMERIC(10)	No	Foreign key to the CHANGELIST table. Changelist event.
SCMFile	No	CHARACTER VARYING(4096)	No	Surround SCM path for the attached file
FileVersion	No	NUMERIC(10)	No	File version
DefectRecordID	No	NUMERIC(10)	No	Record ID of the attached item
DefectNumber	No	NUMERIC(10)	No	Item number the file is attached to
TTDbConfigID	No	NUMERIC(10)	No	Foreign key to the TTPRODBCONF table. TestTrack connection to use.
UserID	No	NUMERIC(10)	No	Foreign key to the SCMUSERS table. User who attached the file.
DTimestamp	No	TIMESTAMP	Yes	Date/time the file was attached
Comments	No	CHARACTER VARYING(4096)	No	Attach action comments
Destroyed	No	NUMERIC(1)	No	Indicates if the attach action was destroyed. Destroyed actions cannot be restored.

Column name	Primary key	Data type	Not NULL	Comment
TTItemType	No	NUMERIC(10)	No	TestTrack item type attached to

Table: BOOKMARKS	
Primary key constraint name	PK_BOOKMARKS
Comment	Contains bookmark information

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idBookmark	Yes	NUMERIC(10)	Yes	Record ID the uniquely identifies a table row
Type	No	NUMERIC(10)	Yes	Bookmark type - 0: Branch, 1: Repository, 2: File
idUser	No	NUMERIC(10)	No	Foreign key to the SCMUSERS table. User who created the bookmark.
Name	No	CHARACTER VARYING(32)	Yes	Bookmark name
Description	No	CHARACTER VARYING(512)	No	Bookmark description
BranchName	No	CHARACTER VARYING(255)	Yes	Bookmark branch name
RepoPath	No	CHARACTER VARYING(2048)	Yes	Bookmark repository path
DisplayOrder	No	NUMERIC(10)	No	Bookmark display order

Table: BRANCH	
Primary key constraint name	PK_BRANCH
Comment	Contains a list of branches in the RDBMS database

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
BranchID	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
Deleted	No	NUMERIC(1)	No	Indicates if the branch was deleted. Deleted branches can be restored if they were not destroyed.
BranchName	No	CHARACTER VARYING(255)	No	Branch name. Unique for mainline, baseline, and snapshot branches. Workspace branches can have the same name only if the OwnerID value is different.
BranchType	No	NUMERIC(2)	No	Branch type - 0: Workspace, 1: Baseline, 2: Snapshot
OwnerID	No	NUMERIC(10)	No	Foreign key to the SCMUSERS table. Branch owner. Null for baseline and snapshot branches.
ParentBranchID	No	NUMERIC(10)	No	Foreign key to the BRANCH table. Parent branch. Null indicates the branch is the mainline.
BaseRepositoryID	No	NUMERIC(10)	No	Foreign key to the REPOSITORY table. Base repository for the record.



Column name	Primary key	Data type	Not NULL	Comment
DateCreated	No	TIMESTAMP	No	Date/time the branch was created
DateModified	No	TIMESTAMP	No	Date/time the branch was last modified
BranchFlag	No	NUMERIC(10)	No	Branch flag description (e.g., Frozen, Destroyed, Inactive, Hidden, Cache on Demand, Case Sensitive Filenames)
SecuritySettings	No	NUMERIC(1)	No	Security type - 0: Security applies to all branches, 1: Branch has its own security, 2: Branch inherits the parent branch security
BasePath	No	CHARACTER VARYING(1024)	No	Base repository path for the branch
DateAccessed	No	TIMESTAMP	No	Date/time the branch was last accessed
Destroyed	No	NUMERIC(1)	No	Indicates if the branch was destroyed. Destroyed branches cannot be restored.
Comments	No	CHARACTER VARYING(4096)	No	Branch description

**Table: BRANCHCREATION**

<b>Primary key constraint name</b>	PK_BRANCHCREATION
<b>Comment</b>	Contains branch creation information

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
BranchID	Yes	NUMERIC(10)	Yes	Foreign key to the BRANCH table. Branch ID.
CreatorID	No	NUMERIC(10)	No	Foreign key to the SCMUSERS table. User who created the branch.
CreationType	No	NUMERIC(2)	No	Branch creation type. Indicates how files are retrieved, the initial custom field values for files, and if removed files are included - 1: Latest version with default custom fields values set, 2: Latest version with custom field values from parent branch, 3: Timestamp with default custom field values set and removed files included, 4: Timestamp with default custom field values set and removed files excluded, 5: Timestamp with custom field values set from parent branch and removed files included, 6: Timestamp with custom field values set from parent branch and removed files excluded, 7: State with default custom field values set and removed files included, 8: State with default custom field values set and removed files excluded, 9: State with custom field values set from parent branch and removed files excluded, 10: State with custom field values set from parent branch and removed files excluded, 11: Label with default custom field values set and removed files included, 12: Label with default custom field values set and removed files excluded, 13: Label with custom field values set from parent branch and removed files included, 14: Label with custom field values set from parent branch and removed files excluded

Column name	Primary key	Data type	Not NULL	Comment
idState	No	NUMERIC(10)	No	Foreign key to the SCMSTATES table. Workflow state used when creating the branch. Null if the branch was not created by state.
LabelID	No	NUMERIC(10)	No	Foreign key to the LABEL table. Label used when creating the branch. Null if the branch was not created by label.
DateCreatedBy	No	TIMESTAMP	No	Date/time the branch was created

Table: BRANCHFILE	
Primary key constraint name	PK_BRANCHFILE
Comment	Contains file data for branches

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
BranchFileID	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
BranchRepoID	No	NUMERIC(10)	No	Foreign key to the BRANCHREPOSITORY table. Repository the file is in.
FileID	No	NUMERIC(10)	No	Foreign key to the ARCHIVEFILE table. Base file of the branched file.
Deleted	No	NUMERIC(1)	No	Indicates if the file was deleted
StatusFlag	No	NUMERIC(10)	No	Branch file status - 1: Branched, 2: Shared, 4: Shared base
FileName	No	CHARACTER VARYING(255)	No	Branch filename
CurrentVersion	No	NUMERIC(10)	No	Current file version number
ExpandKeywordOption	No	CHARACTER(1)	No	Keyword expansion - 0: User server default, 1: Expansion off, 2: Expansion on
TimeLastRenamed	No	TIMESTAMP	No	Date/time branch file was last renamed
ShareBaseBranchFileID	No	NUMERIC(10)	No	Record ID in the BRANCHFILE table. Base share file if the file is shared. Not an enforced foreign key relationship.
InheritedFileRevisionID	No	NUMERIC(10)	No	File revision inherited from parent branch
InheritedStateID	No	NUMERIC(10)	No	State ID inherited from parent branch
InheritedBranchFileID	No	NUMERIC(10)	No	BranchFileID inherited from parent branch
InheritedVersion	No	NUMERIC(10)	No	File version inherited from parent branch
Destroyed	No	NUMERIC(1)	No	Indicates if the branched file was destroyed. Destroyed files cannot be restored.

Table: BRANCHFILEVERSION	
Primary key constraint name	PK_BRANCHFILEVERSION
Comment	Contains file version data for branches

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
BranchFileID	Yes	NUMERIC(10)	Yes	Foreign key to the BRANCHFILE table. Branch file the version applies to.

Column name	Primary key	Data type	Not NULL	Comment
LocalVersion	Yes	NUMERIC(10)	Yes	File version
FileRevisionID	No	NUMERIC(10)	No	Foreign key to the FILEREVISION table. Internal Surround SCM version tree of the file.
VersionTimestamp	No	TIMESTAMP	No	Date/time the file version was added
VersionFlag	No	NUMERIC(5)	No	File version flag - 0: Inherited, 1: Alternate version is promoted/no merge, 2: Alternate version is promoted with merge, 3: Alternate version is rebased/no merge, 4: Alternate version is rebased with merge, 5: Promoted, 6: Rebased, 7: Version was rolled back, 8: Analyzer marked unfixable
StateID	No	NUMERIC(10)	No	Foreign key to the SCMSTATES table. Workflow state of the file version.
AltFileRevisionID	No	NUMERIC(10)	No	Alternate file revision ID. References the FILEREVISION table. Used to track versions promoted and rebased to other branches.
InheritedBranchID	No	NUMERIC(10)	No	References a branch record in the BRANCH table if VersionFlag field indicates the version was inherited from another branch
PromotedFromBranchID	No	NUMERIC(10)	No	References a branch record in the BRANCH table. Branch the file version was promoted from.
Destroyed	No	NUMERIC(1)	No	Indicates if the file version was destroyed. Destroyed versions cannot be restored.

### Table: BRANCHREPOSITORY

<b>Primary key constraint name</b>	PK_BRANCHREPOSITORY
<b>Comment</b>	Contains repository data for branches

#### Columns:

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
BranchRepID	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
RepositoryID	No	NUMERIC(10)	No	Foreign key to the REPOSITORY table. Base repository.
Deleted	No	NUMERIC(1)	No	Indicates if the branched repository was deleted
Excluded	No	NUMERIC(1)	No	Indicates if the branched repository was excluded by the branch template
RepositoryName	No	TEXT	No	Repository name
BranchID	No	NUMERIC(10)	No	Foreign key to the BRANCH table. Branch where the repository is located.
TimeLastRenamed	No	TIMESTAMP	No	Date/time the repository was last renamed
WorkflowSettings	No	CHARACTER(1)	No	Repository workflow settings - 0: No workflow, 1: Inherit parent workflow, 2: Use specific workflow
UseWorkflowID	No	NUMERIC(10)	No	Foreign key to the SCMWORKFLOWS table. Workflow used for the repository.

Column name	Primary key	Data type	Not NULL	Comment
ParentBranchRepoID	No	NUMERIC(10)	No	Foreign key to the BRANCHREPOSITORY table. Parent repository.
InheritTTIntegrSettings	No	NUMERIC(1)	No	Repository TestTrack settings - 0: Use specific TestTrack settings, 1: Inherit parent settings
TTIntegrOverrideDefault	No	NUMERIC(1)	No	Indicates if the TestTrack settings can be overridden for the repository
TTIntegrDbConfigID	No	NUMERIC(10)	No	Foreign key to the TTPRODBCONF table. TestTrack connection to use.
TTIntegrDefectOption	No	NUMERIC(1)	No	Repository 'Attach to TestTrack issue' setting - 0: No change, 1: Enabled, 2: Disabled, 3: Required
Comments	No	CHARACTER VARYING(4096)	No	Repository description
Destroyed	No	NUMERIC(1)	No	Indicates if the repository was destroyed. Destroyed repositories cannot be restored.
TTIntegrTestcaseOption	No	NUMERIC(1)	No	Repository 'Attach to TestTrack test case' setting - 0: No change, 1: Enabled, 2: Disabled, 3: Required
TTIntegrRequirementOption	No	NUMERIC(1)	No	Repository 'Attach to TestTrack requirement' setting - 0: No change, 1: Enabled, 2: Disabled, 3: Required
InheritCodeReviewSettings	No	NUMERIC(1)	No	Repository code review settings - 0: Use specific code review settings, 1: Inherit parent settings
CodeReviewCheckinOption	No	NUMERIC(1)	No	Repository 'Code review on check in' setting - 0: No change, 1: Enabled, 2: Disabled, 3: Required
CodeReviewAddOption	No	NUMERIC(1)	No	Repository 'Code review on add files' setting - 0: No change, 1: Enabled, 2: Disabled, 3: Required

Table: CHANGELIST	
Primary key constraint name	PK_CHANGELIST
Comment	Contains pending and committed changelist information

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
ChangelistID	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
ChangelistName	No	CHARACTER VARYING(255)	No	Changelist name
BranchID	No	NUMERIC(10)	No	Foreign key to BRANCH table. Branch where the changelist is located.
UserId	No	NUMERIC(10)	No	Foreign key to the SCMUSERS table User who created the changelist.
ComputerName	No	CHARACTER VARYING(64)	No	Computer name the changelist was created on. Changelists can only be committed from the computer they were created on.
IsPending	No	NUMERIC(1)	No	Indicates if the changelist is pending

Column name	Primary key	Data type	Not NULL	Comment
DateTime	No	TIMESTAMP	No	Date/time the changelist was created
Destroyed	No	NUMERIC(1)	No	Indicates if the changelist was destroyed. Destroyed changelists cannot be restored.

Table: CHANGELISTCODEREVIEW	
Primary key constraint name	PK_CHANGELISTCODEREVIEW
Comment	Contains changelist code review information

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
ReviewID	Yes	NUMERIC(10)	Yes	Parent code review ID
ChangelistID	Yes	NUMERIC(10)	Yes	Foreign key to the CHANGELIST table. Changelist for the code review.
ChangelistEventID	Yes	NUMERIC(10)	Yes	Foreign key to the CHANGELISTEVENT table. Changelist event for the code review.

Table: CHANGELISTCUSTOMFIELDVALUE	
Primary key constraint name	PK_CHANGELISTCUSTOMFIELDVALUE
Comment	Contains custom field values associated with changelists

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
ChangelistEventID	Yes	NUMERIC(10)	Yes	Foreign key to the CHANGELISTEVENT table. Changelist event for the custom field.
CustomFieldID	Yes	NUMERIC(10)	Yes	Foreign key to the SCMCUSTOMFLDS table. Identifier for custom fields that are modified.
ChangelistID	No	NUMERIC(10)	Yes	Parent changelist ID
TextValue	No	CHARACTER VARYING(255)	No	Text custom field value
IntegerValue	No	NUMERIC(10)	No	Integer custom field value
DoubleValue	No	DOUBLE PRECISION	No	Double custom field value
DateTimeValue	No	TIMESTAMP	No	Date/time custom field value
CheckBoxValue	No	NUMERIC(1)	No	Check box custom field value
Destroyed	No	NUMERIC(1)	No	Indicates if the custom field value was destroyed. Destroyed values cannot be restored.

Table: CHANGELISTDEFECTACTION	
Primary key constraint name	PK_CHANGELISTDEFECTACTION
Comment	Contains TestTrack item actions associated with changelists

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
ChangelistID	Yes	NUMERIC(10)	Yes	Foreign key to the CHANGELIST table. Changelist the attach action belongs to.
DefectActionID	Yes	NUMERIC(10)	Yes	Foreign key to the DEFECTACTION table. Changelist the attach action belongs to.

<b>Table: CHANGELISTEVENT</b>	
<b>Primary key constraint name</b>	PK_CHANGELISTEVENT
<b>Comment</b>	Contains events associated with a changelist

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
ChangelistEventID	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
ChangelistID	No	NUMERIC(10)	No	Changelist the event is associated with
EventType	No	NUMERIC(3)	No	Event type - 1: Add, 2: Remove, 3: Rename, 5: Check in, 8: Create Repository, 13: Move
MachineName	No	CHARACTER VARYING(255)	No	Computer that triggered the changelist event
FileVersion	No	NUMERIC(10)	No	File version the changelist was committed on
BranchRepoID	No	NUMERIC(10)	No	Foreign key to the BRANCHREPOSITORY table. Repository the event was performed on.
BranchFileID	No	NUMERIC(10)	No	Foreign key to the BRANCHFILE table. File the event was performed on.
OrigBranchName	No	CHARACTER VARYING(255)	No	Original branch name
OrigRepoName	No	CHARACTER VARYING(1024)	No	Original repository name
OrigFileName	No	CHARACTER VARYING(255)	No	Original filename
KeepCheckoutOrBitMask	No	NUMERIC(1)	No	For an add event, indicates if the file should be checked out. For check in, indicates if the file should remain checked out. For rename, indicates if the file is shared or if the rename is a repository rename. For remove, indicates destroy, force delete of empty subrepositories, and repository destroy. For move, indicates if the move is a repository.
LocalFileOrNewName	No	CHARACTER VARYING(1024)	No	Indicates local file path for adding new files. If an item was renamed, indicates the new name.
ExclusiveLock	No	NUMERIC(1)	No	Indicates if the check out after an event is exclusive
DoNotReturnCopy	No	NUMERIC(1)	No	Indicates if the server copy should be retrieved

Column name	Primary key	Data type	Not NULL	Comment
EOLFormat	No	CHARACTER(1)	No	End of line format used with adds and check ins
FileType	No	NUMERIC(2)	No	File type. Used for adds.
FileModifiedTime	No	TIMESTAMP	No	Date/time the file was last modified
UndeleteAndCheckinIfDeleted	No	NUMERIC(1)	No	Indicates if a deleted file should be undeleted and have a new version checked in when performing an add
MakeFileWritable	No	NUMERIC(1)	No	Indicates if the get after the event makes the file writable
LabelID	No	NUMERIC(10)	No	Foreign key to the LABEL table. Label used in the changelist event.
AllowLabelOverride	No	NUMERIC(1)	No	Indicates if the current file version in a label is replaced
FileStateID	No	NUMERIC(10)	No	Foreign key to SCMSTATES table. Workflow state used in the changelist event.
ForceCheckinWOMerge	No	NUMERIC(1)	No	Indicates if the check in is forced if no merge is required
UpdateIfNoChange	No	NUMERIC(1)	No	Indicates if an update occurs on check in if there are no changes
RemoveLocalFile	No	NUMERIC(1)	No	Indicates if the local file is removed after the event
MergedVersion	No	NUMERIC(10)	No	Merged file version number. Used with forced check in.
ModifiedVersion	No	NUMERIC(10)	No	Modified file version number. Used with check in without check out.
Comments	No	CHARACTER VARYING(4096)	No	Changelist event comments
RollbackEventID	No	NUMERIC(10)	No	ID for the event that rolled back the changelist action
Destroyed	No	NUMERIC(1)	No	Indicates if the changelist event was destroyed. Destroyed events cannot be restored.

Table: CHECKOUTFILE	
Primary key constraint name	PK_CHECKOUTFILE
Comment	Contains file check out information

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
BranchFileID	Yes	NUMERIC(10)	Yes	Foreign key to the BRANCHFILE table. Checked out file.
UserID	Yes	NUMERIC(10)	Yes	Foreign key to the SCMUSERS table. User who checked out the file.
FileVersion	No	NUMERIC(10)	No	Checked out file version
CheckoutTime	No	TIMESTAMP	No	Date/time the file was checked out
CheckoutComputer	No	CHARACTER VARYING(64)	No	Computer the file was checked out to

Column name	Primary key	Data type	Not NULL	Comment
DestinationInfo	No	CHARACTER VARYING(255)	No	Location the file was checked out to
Comments	No	CHARACTER VARYING(4096)	No	Check out file comments
CheckoutFlag	No	CHARACTER(1)	No	Check out type (e.g., promote or rebase, rollback promote or rebase, copy file, duplicate changes, or CMIS) and if the check out was exclusive
RebasePromoteBranchID	No	NUMERIC(10)	No	Foreign key to the BRANCH table. Branch the check out event was rebased or promoted from.
RebasePromoteBranchVer	No	NUMERIC(10)	No	Rebase or promote file version
Destroyed	No	NUMERIC(1)	No	Indicates if the checked out file was destroyed. Destroyed files cannot be restored.

### Table: CMISPWC

<b>Primary key constraint name</b>	PK_CMISPWC
<b>Comment</b>	Contains CMIS private working copy file information

#### Columns:

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
BranchFileID	Yes	NUMERIC(10)	Yes	Foreign key to the BRANCHFILE table. File the CMIS private working copy belongs to.
UserID	Yes	NUMERIC(10)	Yes	Foreign key to the SCMUSERS table. User the CMIS private working copy file belongs to.
FileBranchedFlag	No	NUMERIC(1)	No	Indicates if the file is branched
FileRevisionID	No	NUMERIC(10)	No	Foreign key to the FILEREVISION table. File revision for the CMIS private working copy file.

### Table: CODEREVIEW

<b>Primary key constraint name</b>	PK_CODEREVIEW
<b>Comment</b>	Contains information about code reviews

#### Columns:

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
ReviewID	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
Name	No	CHARACTER VARYING(255)	No	Code review name
Notes	No	CHARACTER VARYING(1024)	No	Code review notes
Status	No	NUMERIC(10)	No	Code review status
DueDate	No	TIMESTAMP	No	Code review due date
LastNotificationDate	No	TIMESTAMP	No	Last time a notification was sent about an overdue code review
HasFiles	No	NUMERIC(1)	No	Indicates if code review has files



Column name	Primary key	Data type	Not NULL	Comment
Iteration	No	NUMERIC(10)	No	Current review iteration
Destroyed	No	NUMERIC(1)	No	Indicates if the code review was destroyed. Destroyed reviews cannot be restored.

Table: CODEREVIEWCOMMENT	
Primary key constraint name	PK_CODEREVIEWCOMMENT
Comment	Contains code review comment information

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
CommentID	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
ReviewFileID	No	NUMERIC(10)	No	Parent code review file ID
UserID	No	NUMERIC(10)	No	Foreign key to the SCMUSERS table. User who entered the code review comment.
CommentDate	No	TIMESTAMP	No	Code review comment date
Comments	No	CHARACTER VARYING(1024)	No	Code review comment
Addressed	No	NUMERIC(1)	No	Indicates if code review comment is addressed
FileRevisionID	No	NUMERIC(10)	No	Foreign key to the FILEREVISION table
BranchFileVersion	No	NUMERIC(10)	No	Branch file version the code review comment was added to
StartLine	No	NUMERIC(10)	No	Selected code review comment text start line
StartColumn	No	NUMERIC(10)	No	Selected code review comment text start column
EndLine	No	NUMERIC(10)	No	Selected code review comment text end line
EndColumn	No	NUMERIC(10)	No	Selected review comment text end column
AddressedUserID	No	NUMERIC(10)	No	Foreign key to the SCMUSERS table. User who addressed the code review comment.
Destroyed	No	NUMERIC(1)	No	Indicates if the code review comment was destroyed. Destroyed comments cannot be restored.

Table: CODEREVIEWEVENT	
Primary key constraint name	PK_CODEREVIEWEVENT
Comment	Contains code review event information

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
EventID	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
ReviewID	No	NUMERIC(10)	No	Parent code review ID

Column name	Primary key	Data type	Not NULL	Comment
EventType	No	NUMERIC(10)	No	Event type - 0: Create code review, 1: Modify code review, 2: Add code review file, 3: Modify code review file, 4: Remove code review file, 5: Add code review comment, 6: Modify code review comment, 7: Start code review, 8: Code review file overdue, 9: Code review complete approved, 10: Code review complete needs attention
EventDate	No	TIMESTAMP	No	Code review event date
UserID	No	NUMERIC(10)	No	Foreign key to the SCMUSERS table. User ID who performed the code review event.
UserName	No	TEXT	No	User who performed the event
Notes	No	CHARACTER VARYING(1024)	No	Event notes
DueDate	No	TIMESTAMP	No	Code review due date
ReviewFileID	No	NUMERIC(10)	No	Review file ID associated with the event
Iteration	No	NUMERIC(10)	No	Current review iteration
Destroyed	No	NUMERIC(1)	No	Indicates if the code review comment was destroyed. Destroyed comments cannot be restored.

#### Table: CODEREVIEWFILE

<b>Primary key constraint name</b>	PK_CODEREVIEWFILE
<b>Comment</b>	Contains code review file information

#### Columns:

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
ReviewFileID	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
ReviewID	No	NUMERIC(10)	No	Parent code review ID
BranchFileID	No	NUMERIC(10)	No	Foreign key to the BRANCHFILE table. File the code review is for.
Status	No	NUMERIC(10)	No	Status - 1: Work in progress, 2: Awaiting review, 3: Needs attention, 4: Approved
Destroyed	No	NUMERIC(1)	No	Indicates if the code review file was destroyed. Destroyed files cannot be restored.

#### Table: CODEREVIEWFILEUSER

<b>Primary key constraint name</b>	PK_CODEREVIEWFILEUSER
<b>Comment</b>	Contains code review file user information

#### Columns:

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
ReviewFileID	Yes	NUMERIC(10)	Yes	Parent code review file ID
UserID	Yes	NUMERIC(10)	Yes	Foreign key to the SCMUSERS table

Column name	Primary key	Data type	Not NULL	Comment
LastReviewedVersion	No	NUMERIC(10)	No	Latest file version the user reviewed
HasReviewed	No	NUMERIC(1)	No	Indicates if the user reviewed the file
LastCompletedVersion	No	NUMERIC(10)	No	Latest file version the user marked completed
Destroyed	No	NUMERIC(1)	No	Indicates if the code review file user was destroyed. Destroyed users cannot be restored.

#### Table: CODEREVIEWFILEVERSION

<b>Primary key constraint name</b>	PK_CODEREVIEWFILEVERSION
<b>Comment</b>	Contains code review file version information

#### Columns:

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
ReviewFileID	Yes	NUMERIC(10)	Yes	Parent code review file ID
Version	Yes	NUMERIC(10)	Yes	File version in the code review
Destroyed	No	NUMERIC(1)	No	Indicates if the code review file version was destroyed. Destroyed versions cannot be restored.

#### Table: CODEREVIEWUSER

<b>Primary key constraint name</b>	PK_CODEREVIEWUSER
<b>Comment</b>	Contains code review user information

#### Columns:

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
ReviewID	Yes	NUMERIC(10)	Yes	Parent code review ID
UserID	Yes	NUMERIC(10)	Yes	Foreign key to the SCMUSERS table
RoleID	No	NUMERIC(10)	No	Role ID - 1: Author, 2: Reviewer
Destroyed	No	NUMERIC(1)	No	Indicates if the code review user was destroyed. Destroyed users cannot be restored.

#### Table: DEFAULTPROXYUSER

<b>Primary key constraint name</b>	PK_DEFAULTPROXYUSER
<b>Comment</b>	Contains users assigned to proxy servers

#### Columns:

Column name	Primary key	Data type	Not NULL	Comment
idProxy	Yes	NUMERIC(10)	Yes	Foreign key to the SCMPROXIES table. Parent proxy server ID.
idUser	Yes	NUMERIC(10)	Yes	Foreign key to the SCMUSERS table. User of the specified proxy server.

<b>Table: DEFECTACTION</b>	
<b>Primary key constraint name</b>	PK_DEFECTACTION
<b>Comment</b>	Contains TestTrack issue event information, such as fix

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
DefectActionID	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
DefectRecordID	No	NUMERIC(10)	No	Attached item record ID
DefectNumber	No	NUMERIC(10)	No	Attached item number
TTDbConfigID	No	NUMERIC(10)	No	Foreign key to the TTPRODBCONF table. TestTrack connection to use.
TTEventRecordID	No	NUMERIC(10)	No	TestTrack event record ID
ParentMultiUserEventID	No	NUMERIC(10)	No	Record ID if the event was generated in response to a multiuser event
EventDefinitionID	No	NUMERIC(10)	No	TestTrack event definition ID
EnteredEventDateTime	No	TIMESTAMP	No	Date/time the event occurred
EventNote	No	CHARACTER VARYING(4096)	No	TestTrack event note
EventAddOrder	No	NUMERIC(2)	No	Order the events were added
EventTimeSpent	No	DOUBLE PRECISION	No	Time spent on the event
EventResultingStateID	No	NUMERIC(10)	No	Resulting TestTrack state ID
EventReferenceCounter	No	NUMERIC(10)	No	Event reference counter
EventReleaseVersion	No	CHARACTER VARYING(32)	No	TestTrack release notes version
EventGeneratedBy	No	NUMERIC(5)	No	Event generator type (e.g., user or auto-assignment)
EventCreatorID	No	NUMERIC(10)	No	ID of the auto-assignment or escalation rule that generated the event
EventWorkflowOverride	No	NUMERIC(1)	No	Indicates if the event was entered from a workflow override
TTOverrideWFUserID	No	NUMERIC(10)	No	User who performed the workflow override
EventDefAssignEffect	No	NUMERIC(5)	No	Event definition settings when event was added
Destroyed	No	NUMERIC(1)	No	Indicates if the issue event was destroyed. Destroyed events cannot be restored.
TTUserID	No	NUMERIC(10)	No	TestTrack user who performed the event

<b>Table: DEFECTACTIONASSIGNEDUSER</b>	
<b>Primary key constraint name</b>	PK_DEFECTACTIONASSIGNEDUSER
<b>Comment</b>	Contains TestTrack user assignment information

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
DefectActionID	Yes	NUMERIC(10)	Yes	Foreign key to the DEFECTACTION table. TestTrack action associated with the assigned user.
TTUserID	Yes	NUMERIC(10)	Yes	TestTrack user ID

Table: DEFECTEVENTCUSTOMVALUE	
Primary key constraint name	PK_DEFECTEVENTCUSTOMVALUE
Comment	Contains TestTrack issue event custom values

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
DefectActionID	Yes	NUMERIC(10)	Yes	Foreign key to the DEFECTACTION table. TestTrack event associated with the custom field value.
TTCustomFieldID	Yes	NUMERIC(10)	Yes	TestTrack custom field
TTCustomValueRecordID	No	NUMERIC(10)	No	TestTrack custom field value
CValue	No	CHARACTER VARYING(255)	No	Custom field value to set
Destroyed	No	NUMERIC(1)	No	Indicates if the event custom value was destroyed. Destroyed values cannot be restored.

Table: DFLTUSEROPTN	
Primary key constraint name	PK_DFLTUSEROPTN
Comment	Contains a list of default user options

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
iddfltuseroptn	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
optdesc	No	CHARACTER VARYING(63)	No	Default user option description
optvalue1	No	CHARACTER VARYING(255)	No	Default user option value
optvalue2	No	CHARACTER VARYING(255)	No	Default user option value. Only Diff/Merge, View/Edit File, and File Extensions options use this column.
optvalue3	No	CHARACTER VARYING(255)	No	Default user option value. Only Diff/Merge and View/Edit File options use this column.
optdfлтsetting	No	NUMERIC(1)	No	Indicates the default user option setting - 0: No default, 1: Default, 2: Required

Table: EVENT	
Primary key constraint name	PK_EVENT
Comment	Contains a list of events performed in Surround SCM. See <a href="#">Event table Alt values</a> for information about data in the AltName and AltInteger columns.

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
EventID	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
BranchID	No	NUMERIC(10)	No	Foreign key to the BRANCH table. Branch where the event was performed.

Column name	Primary key	Data type	Not NULL	Comment
BranchRepoID	No	NUMERIC(10)	No	Foreign key to the BRANCHREPOSITORY table. Branch repository where the event was performed.
BranchFileID	No	NUMERIC(10)	No	Foreign key to the BRANCHFILE table. File the event was performed on.
FileVersion	No	NUMERIC(10)	No	File version the event was performed on.
EventType	No	NUMERIC(5)	No	Event type - 1: Added to repository, 2: Added to branch, 3: Added from branch, 4: Checked in, 5: Rebased, 6: Rebased with merge, 7: Promoted (deprecated), 8: Labeled, 9: Attached to issue, 10: Deleted, 11: Undeleted, 12: Promoted to branch, 13: Promoted from branch with merge, 14: Promoted from branch without merge, 15: File share created, 16: File share broken, 17: Branch renamed, 18: Branch removed, 19: Branch restored, 20: File renamed, 21: Repo renamed, 22: Branch destroyed, 23: File destroyed, 24: Repo destroyed, 25: Branch type change, 26: Branch owner change, 27: Rollback rebase, 28: Rollback promote, 29: Rollback file, 30: Custom field changed, 31: State changed, 32: Unlabel, 33: Attached to test case, 34: Attached to requirement, 35: Duplicate changes, 36: File moved, 37: Repository moved, 38: Attached to external, 39: Rollback change, 40: Repository exported to mainline
EventDate	No	TIMESTAMP	No	Event timestamp
UserID	No	NUMERIC(10)	No	Foreign key to the SCMUSERS table. User who performed the event.
Username	No	TEXT	No	User who performed the event
ChangelistID	No	NUMERIC(10)	No	Foreign key to the CHANGELIST table if the event was part of a changelist
AltName1	No	TEXT	No	Text field that contains additional event data based on event type
AltName2	No	TEXT	No	Text field that contains additional event data based on event type
AltInteger1	No	NUMERIC(10)	No	Numeric field that contains additional event data based on event type
AltInteger2	No	NUMERIC(10)	No	Numeric field that contains additional event data based on event type
AltInteger3	No	NUMERIC(10)	No	Numeric field that contains additional event data based on event type
Comments	No	CHARACTER VARYING(4096)	No	Event comments
AltType	No	NUMERIC(5)	No	EventType for the rolled back changelist action
Destroyed	No	NUMERIC(1)	No	Indicates if the event was destroyed. Destroyed events cannot be restored.

<b>Table: EVENTCUSTOMFIELDVALUE</b>	
<b>Primary key constraint name</b>	PK_EVENTCUSTOMFIELDVALUE
<b>Comment</b>	Contains historical information about file custom field value changes

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
EventID	Yes	NUMERIC(10)	Yes	Foreign key to EVENT table. Event the custom field value was set for.
CustomFieldID	Yes	NUMERIC(10)	Yes	Foreign key to the SCMCUSTOMFLDS table. Custom field set for the event.
IsPreviousValue	Yes	NUMERIC(1)	Yes	Indicates if the value is the original value before the event or the value set by the event
TextValue	No	CHARACTER VARYING(255)	No	Text custom field value before the event or set by the event
IntegerValue	No	NUMERIC(10)	No	Integer custom field value before the event or set by the event
DoubleValue	No	DOUBLE PRECISION	No	Float custom field value before the event or set by the event
DateTimeValue	No	TIMESTAMP	No	Date/time custom field value before the event or set by the event
CheckBoxValue	No	NUMERIC(1)	No	Check box custom field value before the event or set by the event
Destroyed	No	NUMERIC(1)	No	Indicates if the custom field value was destroyed. Destroyed custom field values cannot be restored.

**Table: EXTERNALISSUEATTACHMENT**

<b>Primary key constraint name</b>	PK_EXTERNALISSUEATTACHMENT
<b>Comment</b>	Contains information about external issue attachments

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
ExternalIssueAttachmentID	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
ChangelistID	No	NUMERIC(10)	No	Changelist the external issue attachment is associated with
IsChangelistAttached	No	NUMERIC(1)	No	Indicates if a changelist is attached
PluginUUID	No	CHARACTER VARYING(38)	No	Universally unique identifier for the external issue plug-in
Connection	No	CHARACTER VARYING(256)	No	External issue attachment server connection to use
Issued	No	CHARACTER VARYING(256)	No	External issue the attachment is associated with
IssueSummary	No	CHARACTER VARYING(1024)	No	External issue description
IsFix	No	NUMERIC(1)	No	Indicates if the file was attached with a fix event
Destroyed	No	NUMERIC(1)	No	Indicates if the attachment was destroyed. Destroyed attachments cannot be restored.

<b>Table: EXTERNALISSUECUSTOMFIELD</b>	
<b>Primary key constraint name</b>	
<b>Comment</b>	Contains custom field information for external issue attachments

**Columns:**

<b>Column name</b>	<b>Primary key</b>	<b>Data type</b>	<b>Not NULL</b>	<b>Comment</b>
MainlineID	No	NUMERIC(10)	Yes	Parent mainline branch ID
ExternalIssueAttachmentID	No	NUMERIC(10)	Yes	Foreign key to the EXTERNALISSUEATTACHMENT table. External attachment associated with the custom field value changes.
DisplayValue	No	CHARACTER VARYING(256)	No	Custom field name
DisplayID	No	CHARACTER VARYING(256)	No	Custom field ID
DisplayType	No	NUMERIC(5)	No	External issue custom field type - 0: DropDown, 1: CheckBox, 2: TextField, 3: TextBody, 4: Date, 5: DateTime, 6: HTML
Value	No	CHARACTER VARYING(2048)	No	Custom field value if type is TextField, TextBody, Date, DateTime, or HTML
ValueId	No	CHARACTER VARYING(256)	No	Custom field value if type is DropDown
Checked	No	NUMERIC(1)	No	Custom field value if type is CheckBox
Destroyed	No	NUMERIC(1)	No	Indicates if the custom field was destroyed. Destroyed fields cannot be restored.

<b>Table: EXTERNALISSUEFILEATTACHMENT</b>	
<b>Primary key constraint name</b>	PK_EXTERNALISSUEFILEATTACHMENT
<b>Comment</b>	Contains file information for external issue attachments

**Columns:**

<b>Column name</b>	<b>Primary key</b>	<b>Data type</b>	<b>Not NULL</b>	<b>Comment</b>
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
ExternalIssueAttachmentID	Yes	NUMERIC(10)	Yes	Foreign key to the EXTERNALISSUEATTACHMENT table. External attachment associated with the external issue custom field value change.
ChangelistEventID	Yes	NUMERIC(10)	Yes	Foreign key to the CHANGELISTEVENT table. Changelist event the external issue custom field value change belongs to.
Destroyed	No	NUMERIC(1)	No	Indicates if the attachment was destroyed. Destroyed attachments cannot be restored.

<b>Table: FILECUSTOMFIELDVALUE</b>	
<b>Primary key constraint name</b>	PK_FILECUSTOMFIELDVALUE
<b>Comment</b>	Contains all file custom field values



**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
BranchFileID	Yes	NUMERIC(10)	Yes	Foreign key to the BRANCHFILE table. File the custom field value applies to.
CustomFieldID	Yes	NUMERIC(10)	Yes	Foreign key to the SCMCUSTOMFLDS table. Custom field the value applies to.
TextValue	No	CHARACTER VARYING(255)	No	Text custom field value
IntegerValue	No	NUMERIC(10)	No	Integer custom field value
DoubleValue	No	DOUBLE PRECISION	No	Double custom field value
DateTimeValue	No	TIMESTAMP	No	Date/time custom field value
CheckBoxValue	No	NUMERIC(1)	No	Check box custom field value (checked or unchecked)
Destroyed	No	NUMERIC(1)	No	Indicates if the custom field value was destroyed. Destroyed values cannot be restored.

<b>Table: FILEREVISION</b>	
<b>Primary key constraint name</b>	PK_FILEREVISION
<b>Comment</b>	Contains the master list of file revisions

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
FileRevisionID	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
FileID	No	NUMERIC(10)	Yes	Foreign key to ARCHIVEFILE table. Archive file the revision is associated with.
Revision	No	CHARACTER VARYING(256)	No	Revision number string. Used internally to build a revision tree of file changes.
ParentRevisionID	No	NUMERIC(10)	No	Foreign key to the FILEREVISION table. Parent revision.
ArchiveDate	No	TIMESTAMP	No	Date/time the file revision was created
ModifyDate	No	TIMESTAMP	No	Date/time the archive file was modified
FileSize	No	BIGINT	No	File size
FileCRC	No	NUMERIC(10)	No	File CRC. Used for binary, MacBinary, and UTF16 files.
DeltaCount	No	NUMERIC(10)	No	Number of delta chunks
DeltaChunkSize	No	NUMERIC(10)	No	Delta chunk size
DeltaSize	No	BIGINT	No	Delta size
DeltaCRC	No	NUMERIC(10)	No	Delta CRC
DeltaEOLType	No	NUMERIC(1)	No	Delta end of line type
TextCRC	No	NUMERIC(10)	No	File text CRC. Used for ASCII, UTF8, and symlink files.
NextBranchNum	No	NUMERIC(10)	No	Next number to add to the FILEREVISION.REVISION value if the file is branched
Username	No	TEXT	No	User who created the revision. Used for keyword expansion.

Column name	Primary key	Data type	Not NULL	Comment
Destroyed	No	NUMERIC(1)	No	Indicates if the file revision was destroyed. Destroyed file revisions cannot be restored.

Table: LABEL	
Primary key constraint name	PK_LABEL
Comment	Contains all label information

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
LabelID	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
BranchID	No	NUMERIC(10)	No	Foreign key to the BRANCH table. Branch the label applies to.
IsHidden	No	NUMERIC(1)	No	Indicates if the label is hidden
LabelName	No	CHARACTER VARYING(255)	No	Label name
LabelDescription	No	CHARACTER VARYING(1024)	No	Label description
OwnerID	No	NUMERIC(10)	No	Foreign key to the SCMUSERS table. Label owner.
TimeCreated	No	TIMESTAMP	No	Date/time the label was created
FileCount	No	NUMERIC(10)	No	Number of files the label is applied to
Destroyed	No	NUMERIC(1)	No	Indicates if the label was destroyed. Destroyed labels cannot be restored.

Table: LABELEVENT	
Primary key constraint name	PK_LABELEVENT
Comment	Contains all events related to labels

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
LabelEventID	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
LabelID	No	NUMERIC(10)	No	Foreign key to the LABEL table. Label the event is associated with.
EventType	No	NUMERIC(5)	No	Event type - 0: Create label, 1: Label applied to file, 2: Label removed from file, 3: Label renamed, 4: Label hidden, 5: Label unhidden, 6: Update labeled file version
UserID	No	NUMERIC(10)	No	Foreign key to the SCMUSERS table. User who labeled the file.
EventTime	No	TIMESTAMP	No	Date/time the label event occurred
FileCount	No	NUMERIC(10)	No	Number of files labeled
Comments	No	CHARACTER VARYING(4096)	No	Comments entered when the files were labeled
Destroyed	No	NUMERIC(1)	No	Indicates if the label event was destroyed. Destroyed events cannot be restored.

<b>Table: LABELFILE</b>	
<b>Primary key constraint name</b>	PK_LABELFILE
<b>Comment</b>	Contains information about labels and files they are applied to

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
LabelID	Yes	NUMERIC(10)	Yes	Foreign key to the LABEL table. File label.
BranchFileID	Yes	NUMERIC(10)	Yes	Foreign key to the BRANCHFILE table. Labeled file.
FileVersion	No	NUMERIC(10)	No	File versions associated with the label and file
LabelEventID	No	NUMERIC(10)	No	Foreign key to the LABELEVENT table. Label event.
Destroyed	No	NUMERIC(1)	No	Indicates if the label was destroyed. Destroyed labels cannot be restored.

<b>Table: MAILRECP</b>	
<b>Primary key constraint name</b>	PK_MAILRECP
<b>Comment</b>	Contains recipient information for emails in the mail queue

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idMailRecp	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
idMailMsg	No	NUMERIC(10)	No	Foreign key to the SCMMAILMSG table. Email to send.
Name	No	CHARACTER VARYING(252)	No	Email recipient name
Address	No	CHARACTER VARYING(252)	No	Email recipient address
AddrType	No	NUMERIC(2)	No	Email address type - 1: Internet, 2: MAPI, 3: Other
RecipType	No	NUMERIC(1)	No	Email recipient type - 0: To, 1: CC, 2: BCC
CldNotSend	No	NUMERIC(1)	No	Indicates if the email was sent

<b>Table: MAINLINE</b>	
<b>Primary key constraint name</b>	PK_MAINLINE
<b>Comment</b>	Contains a list of mainline branches stored in the RDBMS database

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
MainlineName	No	CHARACTER VARYING(128)	No	Unique mainline name
MainlineUUID	No	CHARACTER VARYING(114)	No	Universally unique mainline identifier
Disassociated	No	NUMERIC(1)	No	Indicates if the mainline was removed, but not destroyed, from the Surround SCM Server
MainlineVers	No	CHARACTER VARYING(30)	No	Mainline schema version number
LoadBranch	No	CHARACTER VARYING(1024)	No	Comma separated list of branch IDs to load in the server cache when the mainline loads
NameCaseSensitive	No	NUMERIC(1)	No	Indicates if the mainline allows case-sensitive file and repository names. Default is false.

Column name	Primary key	Data type	Not NULL	Comment
Destroyed	No	NUMERIC(1)	No	Indicates if the mainline was destroyed. Destroyed mainlines cannot be used or restored.

Table: MAINLINEOPTN	
Primary key constraint name	PK_MAINLINEOPTN
Comment	Contains a list of mainline options

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
idMainlineOptn	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
OptValue	No	CHARACTER VARYING(255)	No	Mainline option value

Table: MERGEEVENT	
Primary key constraint name	PK_MERGEEVENT
Comment	Contains information about file merges

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
MergeEventID	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
BranchFileIDFrom	No	NUMERIC(10)	Yes	Foreign key to the BRANCHFILE table. File the changes originated from.
LocalVersionStart	No	NUMERIC(10)	Yes	Merge from file version to start searching in
LocalVersionEnd	No	NUMERIC(10)	Yes	Merge from file version to end searching in
BranchFileIDTo	No	NUMERIC(10)	Yes	Foreign key to the BRANCHFILE table. File changes are merged to.
LocalVersion	No	NUMERIC(10)	Yes	Merge to file version
Destroyed	No	NUMERIC(1)	No	Indicates if the merge was destroyed. Destroyed merges cannot be restored.

Table: MSGLOG	
Primary key constraint name	PK_MSGLOG
Comment	Contains server log messages

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idMsgLog	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
LogDate	No	TIMESTAMP	No	Date/time the message was logged
LogLevel	No	NUMERIC(1)	No	Message level - 1: Severe Error, 2: Error, 3: Warning, 4: Unusual Activity, 5: Information.
Message	No	CHARACTER VARYING(2048)	No	Message
ErrorNum	No	NUMERIC(10)	No	Error number
DBName	No	CHARACTER VARYING(255)	No	Database the message was generated from. Server database or mainline branch.

Column name	Primary key	Data type	Not NULL	Comment
Username	No	TEXT	No	User who performed the action the message was generated for

**Table: OLDLABEL**

<b>Primary key constraint name</b>	PK_OLDLABEL
<b>Comment</b>	Contains legacy labels found when upgrading a non-RDBMS mainline branch

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
OldLabelID	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
LabelName	No	CHARACTER VARYING(255)	No	Old label name
TimeCreated	No	TIMESTAMP	No	Date/time the old label was created
OwnerID	No	NUMERIC(10)	No	Old label owner
Upgraded	No	NUMERIC(1)	No	Indicates if the old label was upgraded

**Table: OLDLABELFILE**

<b>Primary key constraint name</b>	PK_OLDLABELFILE
<b>Comment</b>	Contains legacy labeled file revisions

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
OldLabelID	Yes	NUMERIC(10)	Yes	Foreign key to the OLDLABEL table. Old label applied to the file.
FileRevisionID	Yes	NUMERIC(10)	Yes	Foreign key to the FILEREVISION table. File revision labeled with the old label.
UserID	No	NUMERIC(10)	No	User who applied the old label to the file
EventTime	No	TIMESTAMP	No	Date/time the old label was applied to the file
Comments	No	CHARACTER VARYING(4096)	No	Comments for the old label event

**Table: OWNERLCK**

<b>Primary key constraint name</b>	PK_OWNERLCK
<b>Comment</b>	Contains information about the database version and Surround SCM Server it is associated with

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idOwnerLck	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
OwnerValue	No	CHARACTER VARYING(114)	No	Owner value. Either the Surround SCM Server database version or the universally unique identifier for the server the database belongs to.

**Table: RDBMSCNCTS**

<b>Primary key constraint name</b>	PK_RDBMSCNCTS
<b>Comment</b>	Contains all RDBMS database connections except the default server database connection

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idRDBMSConn	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
ConnType	No	NUMERIC(5)	Yes	Connection type - 0: ODBC (SQL Server), 1: Oracle, 2: MySQL, 3: PostgreSQL, 4: SQLite
HostName	No	CHARACTER VARYING(1020)	No	RDBMS connection host name
DataSource	No	CHARACTER VARYING(1020)	No	Data source to connect to on the RDBMS host
Username	No	CHARACTER VARYING(1020)	No	RDBMS connection username
Password	No	CHARACTER VARYING(1020)	No	RDBMS connection password
MinCncts	No	NUMERIC(5)	No	Minimum number of connections to the RDBMS server. Default is 1.
MaxCncts	No	NUMERIC(5)	No	Maximum number of connections to the RDBMS server. Default is 999.
Port	No	NUMERIC(5)	No	RDBMS connection port number
ConnOptns	No	CHARACTER VARYING(1020)	No	Additional ODBC connection options (optional)

**Table: RDBMSOPTNS**

<b>Primary key constraint name</b>	PK_RDBMSOPTNS
<b>Comment</b>	Contains RDBMS vendor-specific options used for database connections

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idRdbmsOptns	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
OptDesc	No	CHARACTER VARYING(63)	No	Option description
OptValue	No	CHARACTER VARYING(255)	No	Option value

**Table: REPODBS**

<b>Primary key constraint name</b>	PK_REPODBS
<b>Comment</b>	Contains a list of all active and inactive mainline branches

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
RepodbsID	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
DbPath	No	CHARACTER VARYING(1020)	No	Path to the repository database. Used for non-RDBMS mainlines.
MainlineName	No	CHARACTER VARYING(128)	No	Mainline name
ListOrder	No	NUMERIC(5)	No	Order to load mainlines
Active	No	NUMERIC(1)	No	Indicates if the mainline is active
Hidden	No	NUMERIC(1)	No	Indicates if the mainline is hidden
idRDBMSConn	No	NUMERIC(10)	No	Foreign key to the RDBMSCNCTS table. Connection where the repository database is located.

Column name	Primary key	Data type	Not NULL	Comment
MainlineUUID	No	CHARACTER VARYING(38)	No	Mainline unique identifier

Table: REPOSITORY	
Primary key constraint name	PK_REPOSITORY
Comment	Contains the master list of repositories

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
RepositoryID	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
ParentRepoID	No	NUMERIC(10)	No	Foreign key reference to the REPOSITORY table. Parent repository.
Destroyed	No	NUMERIC(1)	No	Indicates if the repository was destroyed. Destroyed repositories cannot be restored.

Table: REPOSITORYSECURITY	
Primary key constraint name	
Comment	Contains information about security group permissions set for the repository and branch

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	No	NUMERIC(10)	Yes	Parent mainline branch ID
BranchID	No	NUMERIC(10)	Yes	Branch ID the security is set for. Branch ID 4294967294 indicates repository security is set.
RepoPath	No	CHARACTER VARYING(2048)	Yes	Path to the repository that security is set for
SecurityGroupID	No	NUMERIC(10)	No	Foreign key to the SCMGROUPS table. Parent security group the repository security belongs to.
Permissions	No	NUMERIC(10)	No	Security permissions set for the repository
Destroyed	No	NUMERIC(1)	No	Indicates if the repository security was destroyed. Destroyed settings cannot be restored.

Table: REVISIONDELTA	
Primary key constraint name	PK_REVISIONDELTA
Comment	Contains a list of file delta data

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
FileRevisionID	Yes	NUMERIC(10)	Yes	Foreign key to the FILEREVISION table. Revision the file delta belongs to.
DeltaIndex	Yes	NUMERIC(10)	Yes	Delta chunk data order number. Deltas are split into smaller pieces for database storage and use this order for reassembly.

Column name	Primary key	Data type	Not NULL	Comment
FileDelta	No	BYTEA	No	Binary file delta contents
Destroyed	No	NUMERIC(1)	No	Indicates if the revision delta was destroyed. Destroyed revision deltas cannot be restored.

Table: REVISIONTHUMB	
Primary key constraint name	PK_REVISIONTHUMB
Comment	Contains thumbnails generated for images

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
FileRevisionID	Yes	NUMERIC(10)	Yes	Foreign key to the FILEREVISION table. File revision the thumbnail is for.
OrigX	No	NUMERIC(10)	No	Original image width
OrigY	No	NUMERIC(10)	No	Original image height
ThumbX	No	NUMERIC(10)	No	Thumbnail image width
ThumbY	No	NUMERIC(10)	No	Thumbnail image height
FileThumb	No	BYTEA	No	Binary file thumbnail contents
Destroyed	No	NUMERIC(1)	No	Indicates if the revision thumbnail was destroyed. Destroyed thumbnails cannot be restored.

Table: SCMAUDITLOG	
Primary key constraint name	PK_SCMAUDITLOG
Comment	Contains audit log information for file events with electronic signatures

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
EventID	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
BranchFileID	No	NUMERIC(10)	No	Record ID that identifies the branch file the event was performed on
FileVersion	No	NUMERIC(10)	No	File version the event was performed on
FileRevisionID	No	NUMERIC(10)	No	Record ID that identifies the file revision associated with the electronic signature event
EventType	No	NUMERIC(5)	No	Event type - 1: Added to repository, 31: State changed
EventDate	No	TIMESTAMP	No	Date/time the event occurred
UserID	No	NUMERIC(10)	No	Record ID that identifies the user who entered the electronic signature
UserName	No	TEXT	No	User who entered the electronic signature
FullName	No	CHARACTER VARYING(255)	No	Full name of user who entered the electronic signature
Meaning	No	CHARACTER VARYING(4096)	No	Reason entered with the electronic signature
MachineName	No	CHARACTER VARYING(255)	No	Computer used to enter the electronic signature



Column name	Primary key	Data type	Not NULL	Comment
ClientType	No	NUMERIC(10)	No	Surround SCM client type used to enter the electronic signature
VerificationHash	No	CHARACTER VARYING(255)	No	Hash used to validate data consistency
Destroyed	No	NUMERIC(1)	No	Indicates if the event was destroyed. Destroyed events cannot be restored.

Table: SCMCUSTOMFLDS	
Primary key constraint name	PK_SCMCUSTOMFLDS
Comment	Contains custom field rules used in filters, reports, and triggers

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idCustomField	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
Deleted	No	NUMERIC(1)	No	Indicates if the custom field was deleted
Name	No	CHARACTER VARYING(128)	Yes	Custom field name
Type	No	NUMERIC(5)	No	Custom field type - 1: Text, 2: Integer, 3: Float, 4: List, 5: SCM user, 6: Date/time, 7: Check box
DisplayOrder	No	NUMERIC(10)	No	Custom field display order
FieldCode	No	CHARACTER VARYING(128)	No	Custom field code
DfltNotSet	No	NUMERIC(1)	No	Indicates if the custom field has a default set of values
Limits	No	TEXT	No	Custom field minimum and maximum value and other value limits
DfltIntValue	No	NUMERIC(10)	No	Integer custom field default value
DfltTextValue	No	TEXT	No	Text custom field default value
DfltDateValue	No	TIMESTAMP	No	Date custom field default value
DfltBoolValue	No	NUMERIC(1)	No	Check box custom field default value
DfltDoubleValue	No	DOUBLE PRECISION	No	Float custom field default value

Table: SCMFILTERS	
Primary key constraint name	PK_SCMFILTERS
Comment	Contains filter information

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idFilter	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
FilterName	No	CHARACTER VARYING(128)	No	Filter name
idOwner	No	NUMERIC(10)	No	Foreign key to the SCMUSERS table. Filter owner.
Private	No	NUMERIC(1)	No	Indicates if the filter is private
RuleTypeBits	No	NUMERIC(10)	No	Indicates the restrictions used in the filter

<b>Table: SCMGROUPCMNDS</b>	
<b>Primary key constraint name</b>	PK_SCMGROUPCMNDS
<b>Comment</b>	Contains commands enabled for security groups

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idGroup	Yes	NUMERIC(10)	Yes	Foreign key to the SCMGROUPS table. Security group the commands belong to.
idCommand	Yes	NUMERIC(10)	Yes	Commands enabled for the security group

<b>Table: SCMGROUPS</b>	
<b>Primary key constraint name</b>	PK_SCMGROUPS
<b>Comment</b>	Contains security group information

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idGroup	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
Name	No	CHARACTER VARYING(128)	No	Security group name
Description	No	CHARACTER VARYING(1020)	No	Security group description
Notes	No	TEXT	No	Security group notes
SecurityVersion	No	NUMERIC(5)	No	Security version

<b>Table: SCMMAILMSG</b>	
<b>Primary key constraint name</b>	PK_SCMMAILMSG
<b>Comment</b>	Contains email queue information

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idMailMsg	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
dateSent	No	TIMESTAMP	No	Date/time the email was sent
SenderAddr	No	CHARACTER VARYING(252)	No	Email sender address
SenderName	No	CHARACTER VARYING(252)	No	Email sender name
Subject	No	CHARACTER VARYING(1020)	No	Email subject
BodyText	No	TEXT	No	Email body text
MsgHTML	No	NUMERIC(1)	No	Indicates if the email is in HTML format
MsgPerRecp	No	NUMERIC(1)	No	Indicates if a separate email is sent to each recipient
dateLstTry	No	TIMESTAMP	No	Date/time the mail server last attempted to send the email
NumOfTries	No	NUMERIC(5)	No	Number of email send attempts
SendError	No	CHARACTER VARYING(1020)	No	Send error

<b>Table: SCMPROXIES</b>	
<b>Primary key constraint name</b>	PK_SCMPROXIES
<b>Comment</b>	Contains proxy server information

**Columns:**

<b>Column name</b>	<b>Primary key</b>	<b>Data type</b>	<b>Not NULL</b>	<b>Comment</b>
idProxy	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
ProxyName	No	CHARACTER VARYING(255)	Yes	Proxy server name
ProxyPort	No	NUMERIC(5)	No	Proxy server port number
RefreshInterval	No	NUMERIC(8, 2)	No	Proxy server refresh interval in hours
MaxCacheDiskSpace	No	NUMERIC(10, 2)	No	Maximum amount of cache disk space
AgeLimit	No	NUMERIC(4)	No	How long to keep files on the proxy server before removing
AutoPreCache	No	NUMERIC(1)	No	Indicates if files should be automatically pre-cached
PreCacheFreq	No	NUMERIC(1)	No	Auto pre-cache frequency - 0: Every refresh, 1: Every day
PreCacheTime	No	TIMESTAMP	No	Time to pre-cache files if pre-caching every day
EncryptProxyClient	No	NUMERIC(1)	No	Indicates if transactions between the proxy server and clients are encrypted
CompressMstrPrxy	No	NUMERIC(1)	No	Indicates if transactions between the proxy server and master server are compressed
EncryptMstrPrxy	No	NUMERIC(1)	No	Indicates if transactions between the proxy server and master server are encrypted
ProxyPassword	No	CHARACTER VARYING(255)	Yes	Encrypted password the master server uses to communicate with the proxy server
ProxyAddress	No	CHARACTER VARYING(255)	No	Proxy server address
MinCacheSize	No	NUMERIC(10, 2)	No	Minimum file size to cache on the proxy server

<b>Table: SCMREPORTS</b>	
<b>Primary key constraint name</b>	PK_SCMREPORTS
<b>Comment</b>	Contains report information

**Columns:**

<b>Column name</b>	<b>Primary key</b>	<b>Data type</b>	<b>Not NULL</b>	<b>Comment</b>
idReport	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
ReportName	No	CHARACTER VARYING(128)	No	Report name
idOwner	No	NUMERIC(10)	No	Foreign key to the SCMUSERS table. Report owner.
Private	No	NUMERIC(1)	No	Indicates if the report is private
ReportType	No	NUMERIC(5)	No	Report type - 0: History, 1: Trend, 2: List, 3: Workflow progress, 4: External, 5: Security group
ReportFormat	No	NUMERIC(5)	No	Report format - 0: Spaces, 1: Tabs, 2: HTML, 3: External
RuleTypeBits	No	NUMERIC(10)	No	Indicates report restrictions

Column name	Primary key	Data type	Not NULL	Comment
StylesheetName	No	CHARACTER VARYING(128)	No	Report stylesheet name

Table: SCMRPTAUDITLOG	
Primary key constraint name	PK_SCMRPTAUDITLOG
Comment	Contains audit trail report settings

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idreport	Yes	NUMERIC(10)	Yes	Foreign key to the SCMREPORTS table. Audit trail report name.
psortfield	No	NUMERIC(10)	No	Primary sort field
psortascending	No	NUMERIC(1)	No	Indicates if the primary sort field is sorted in ascending order
ssortfield	No	NUMERIC(10)	No	Secondary sort field
ssortascending	No	NUMERIC(1)	No	Indicates if the secondary sort field is sorted in ascending order
currentversions	No	NUMERIC(1)	No	Indicates if only the current file version is included

Table: SCMRPTAUDITLOGFIELDS	
Primary key constraint name	PK_SCMRPTAUDITLOGFIELDS
Comment	Contains audit trail report field settings

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idreport	Yes	NUMERIC(10)	Yes	Foreign key to the SCMREPORTS table. Audit trail report name.
idfield	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row - 0: Repository, 1: Filename, 2: Version, 3: State, 4: Branch, 5: Action, 6: Validation result, 7: Signed username, 8: Signed timestamp, 9: Signed reason, 10 Signed computer, 11: Signed client type, 12: Signed full name
displayorder	No	NUMERIC(5)	No	Audit trail report field display order

Table: SCMRPTCOVERAGE	
Primary key constraint name	PK_SCMRPTCOVERAGE
Comment	Contains code review coverage report settings

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idreport	Yes	NUMERIC(10)	Yes	Foreign key to the SCMREPORTS table. Code review coverage report name.
psortfield	No	NUMERIC(10)	No	Primary sort field
psortascending	No	NUMERIC(1)	No	Indicates if the primary sort field is sorted in ascending order

Column name	Primary key	Data type	Not NULL	Comment
ssortfield	No	NUMERIC(10)	No	Secondary sort field
ssortascending	No	NUMERIC(1)	No	Indicates if the secondary sort field is sorted in ascending order
currentversions	No	NUMERIC(1)	No	Indicates if only the current file version is included
hideoption	No	NUMERIC(1)	No	Indicates if files with all versions in approved reviews are included

Table: SCMRPTCOVERAGEFIELDS	
Primary key constraint name	PK_SCMRPTCOVERAGEFIELDS
Comment	Contains code review coverage report field settings

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idreport	Yes	NUMERIC(10)	Yes	Foreign key to the SCMREPORTS table. Code review coverage report name.
idfield	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row - 0: Repository, 1: Filename, 2: Version, 3: Size, 4: Type, 5: Last check in, 6: Last modified, 7: State, 8: Branch, 9: Reviewed versions, 10: Unreviewed versions, 11: Code reviews
displayorder	No	NUMERIC(5)	No	Coverage report field display order

Table: SCMRPTEXTERNAL	
Primary key constraint name	PK_SCMRPTEXTERNAL
Comment	Contains external report information

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idreport	Yes	NUMERIC(10)	Yes	Foreign key to the SCMREPORTS table. External report.
srvcguid	No	CHARACTER VARYING(38)	No	External report service globally unique identifier
orgnname	No	CHARACTER VARYING(128)	No	External report original name
addlinfo	No	TEXT	No	External report additional information
extrptid	No	TEXT	No	External report ID
outputtype	No	NUMERIC(10)	No	External report output type

Table: SCMRPTHIST	
Primary key constraint name	PK_SCMRPTHIST
Comment	Contains history report settings

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idReport	Yes	NUMERIC(10)	Yes	Foreign key to the SCMREPORTS table. History report.
Summary	No	NUMERIC(1)	No	Indicates a summary style report

Column name	Primary key	Data type	Not NULL	Comment
HideEmpty	No	NUMERIC(1)	No	Indicates if repositories without selected actions are hidden
FileOrder	No	NUMERIC(1)	No	Indicates if report is in file order format. Deprecated.
SortAscending	No	NUMERIC(1)	No	Indicates if report is sorted in ascending order. Deprecated.
IncludeDiff	No	NUMERIC(1)	No	Indicates if file difference information is included
DiffIgnoreCase	No	NUMERIC(1)	No	Indicates if case is ignored when diffing files
DiffIgnoreWhite	No	NUMERIC(1)	No	Indicates if white space is ignored when diffing files
DiffIgnoreWhiteDelta	No	NUMERIC(1)	No	Indicates if amount of white space is ignored when diffing files
DiffIgnoreBlankLines	No	NUMERIC(1)	No	Indicates if blank lines are ignored when diffing files
DiffLimitDiff	No	NUMERIC(1)	No	Indicates if the number of differences is limited
DiffMax	No	NUMERIC(10)	No	Maximum number of differences included if limited
DiffContextLines	No	NUMERIC(10)	No	Number of lines to include around the differences to set difference context
DiffUnifiedFormat	No	NUMERIC(1)	No	Indicates if the diff uses unified or context format
PsortField	No	NUMERIC(10)	No	Primary sort field
Psortascending	No	NUMERIC(1)	No	Indicates if the primary sort field is sorted in ascending order
PsortGroupBy	No	NUMERIC(10)	No	Indicates if results are grouped by primary sort field
SsortField	No	NUMERIC(10)	No	Secondary sort field
Ssortascending	No	NUMERIC(1)	No	Indicates if the secondary sort field is sorted in ascending order
SsortGroupBy	No	NUMERIC(10)	No	Indicates if results are grouped by secondary sort field

**Table: SCMRPTHISTFIELDS**

<b>Primary key constraint name</b>	PK_SCMRPTHISTFIELDS
<b>Comment</b>	Contains history report field settings

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idReport	Yes	NUMERIC(10)	Yes	Foreign key to the SCMREPORTS table. History report name.
idField	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row - 0: Branch, 1: Path, 2: Version, 3: User, 4: Date/time, 5: Action, 6: Changelist, 7: Label (deprecated), 8: Comments, 9: Source branch, 10: Destination branch, 11: Branch version, 12: State, 13: Issue number, 14: Test case number, 15: Requirement number. Custom field IDs start at 1000.
DisplayOrder	No	NUMERIC(5)	No	History report field display order

<b>Table: SCMRPTLIST</b>	
<b>Primary key constraint name</b>	PK_SCMRPTLIST
<b>Comment</b>	Contains list report settings

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idreport	Yes	NUMERIC(10)	Yes	Foreign key to the SCMREPORTS table. List report name.
psortfield	No	NUMERIC(10)	No	Primary sort field
psortascending	No	NUMERIC(1)	No	Indicates if the primary sort field is sorted in ascending order
psortgroupby	No	NUMERIC(10)	No	Indicates if results are grouped by primary sort field
ssortfield	No	NUMERIC(10)	No	Secondary sort field
ssortascending	No	NUMERIC(1)	No	Indicates if the secondary sort field is sorted in ascending order
ssortgroupby	No	NUMERIC(10)	No	Indicates if results are grouped by secondary sort field

<b>Table: SCMRPTLISTFIELDS</b>	
<b>Primary key constraint name</b>	PK_SCMRPTLISTFIELDS
<b>Comment</b>	Contains list report field settings

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idreport	Yes	NUMERIC(10)	Yes	Foreign key to the SCMREPORTS table. List report name.
idfield	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row - 0: Filename, 1: Version, 2: Size, 3: Type, 4: Last check in, 5: Locked by, 6: Check out location, 7: Check out computer, 8: Last modified, 9: Repository, 10: State, 11: Branch
displayorder	No	NUMERIC(5)	No	List report field display order

<b>Table: SCMRPTSECGROUP</b>	
<b>Primary key constraint name</b>	PK_SCMRPTSECGROUP
<b>Comment</b>	Contains security group report settings

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idreport	Yes	NUMERIC(10)	Yes	Foreign key to the SCMREPORTS table. Security group report name.
includeRepoBranchTabs	No	NUMERIC(1)	No	Indicates if repository and branch security information is included
isComparisonReport	No	NUMERIC(1)	No	Indicates if the report is a comparison report

<b>Table: SCMRPTTREND</b>	
<b>Primary key constraint name</b>	PK_SCMRPTTREND
<b>Comment</b>	Contains trend report settings

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idReport	Yes	NUMERIC(10)	Yes	Foreign key to the SCMREPORTS table. Trend report name.
GroupBy	No	NUMERIC(5)	No	Group by action - 0: User, 1: Day, 2: Week, 3: Month
SingleEvent	No	NUMERIC(1)	No	Indicates if only one event type is included per user for each file

Table: SCMRPTWORKFLOW	
Primary key constraint name	PK_SCMRPTWORKFLOW
Comment	Contains workflow report settings

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idreport	Yes	NUMERIC(10)	Yes	Foreign key to the SCMREPORTS table. Workflow progress report name.
startdate	No	TIMESTAMP	No	Start date/time
enddate	No	TIMESTAMP	No	End date/time
interv	No	NUMERIC(1)	Yes	Workflow progress interval - 0: Day, 1: Week, 2: Month
hideunused	No	NUMERIC(1)	No	Indicates if unused states are hidden
hidenostate	No	NUMERIC(1)	No	Indicates if <no state> values are hidden

Table: SCMRULEBRNCHREPO	
Primary key constraint name	PK_SCMRULEBRNCHREPO
Comment	Contains information about branch and repository rules, such as filter and report restrictions and trigger preconditions

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idRuleBranchRepo	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
idReport	No	NUMERIC(10)	No	Foreign key to the SCMREPORTS table. Branch repository rule report ID.
idTriggerRule	No	NUMERIC(10)	No	Foreign key to the SCMTRIGRULE table. Trigger that uses the branch or repository rule.
idField	No	NUMERIC(10)	No	Field used to sort files - 0: Unknown, 1: File branched, 2: File shared, 3: File base share, 4: Filename, 5: File type, 6: Expanded keywords option, 7: Size, 8: Last modified, 9: Last check in, 10: Current version, 11: Workflow or state, 12: Branch repository, 13: History event, 14: File label, 15: Check out location, 16: Local file status, 17: Issue number, 18: Check out user, 19: Check out computer, 20: Branch name, 21: Test case number, 22: Requirement number, 23: Repository name, 24: External attachment ID, 25: Security group name. Custom field IDs start at 1000.
Category	No	NUMERIC(10)	No	Rule type category - 0: Regular, 1: User, 2: Group, 3: When custom field, 4: When set state



Column name	Primary key	Data type	Not NULL	Comment
CurrentBranchRepo	No	NUMERIC(1)	No	Indicates if the current branch and repository are used
idBranch	No	NUMERIC(10)	No	Branch used in the rule
RepoPath	No	CHARACTER VARYING(1024)	No	Repository path used in the rule
Recursive	No	NUMERIC(1)	No	Indicates if the branch/repository rule is recursive

**Table: SCMRULECHKBOX**

<b>Primary key constraint name</b>	PK_SCMRULECHKBOX
<b>Comment</b>	Contains information about check box rules, such as filter and report restrictions and trigger preconditions

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idRuleCheckBox	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
idFilter	No	NUMERIC(10)	No	Foreign key to the SCMFILTER table. Check box rule use in filter.
idReport	No	NUMERIC(10)	No	Foreign key to the SCMREPORTS table. Report the rule is used in.
idTriggerRule	No	NUMERIC(10)	No	Foreign key to the SCMTRIGRULES table. Trigger the rule is used in.
idField	No	NUMERIC(10)	No	Field used to sort files - 0: Unknown, 1: File branched, 2: File shared, 3: File base share, 4: Filename, 5: File type, 6: Expanded keywords option, 7: Size, 8: Last modified, 9: Last check in, 10: Current version, 11: Workflow or state, 12: Branch repository, 13: History event, 14: File label, 15: Check out location, 16: Local file status, 17: Issue number, 18: Check out user, 19: Check out computer, 20: Branch name, 21: Test case number, 22: Requirement number, 23: Repository name, 24: External attachment ID, 25: Security group name. Custom field IDs start at 1000.
Category	No	NUMERIC(10)	No	Rule type category - 0: Regular, 1: User, 2: Group, 3: When custom field, 4: When set state
Checked	No	NUMERIC(1)	No	Indicates if the check box is selected

**Table: SCMRULEDEFECT**

<b>Primary key constraint name</b>	PK_SCMRULEDEFECT
<b>Comment</b>	Contains information about TestTrack issue, requirement, and test case rules, such as filter and report restrictions and trigger preconditions

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idRuleDefect	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
idFilter	No	NUMERIC(10)	No	Foreign key to the SCMFILTERS table. Filter the rule is used in.

Column name	Primary key	Data type	Not NULL	Comment
idField	No	NUMERIC(10)	No	Field used to sort files - 0: Unknown, 1: File branched, 2: File shared, 3: File base share, 4: Filename, 5: File type, 6: Expanded keywords option, 7: Size, 8: Last modified, 9: Last check in, 10: Current version, 11: Workflow or state, 12: Branch repository, 13: History event, 14: File label, 15: Check out location, 16: Local file status, 17: Issue number, 18: Check out user, 19: Check out computer, 20: Branch name, 21: Test case number, 22: Requirement number, 23: Repository name, 24: External attachment ID, 25: Security group name. Custom field IDs start at 1000.
Category	No	NUMERIC(10)	No	Rule type category - 0: Regular, 1: User, 2: Group, 3: When custom field, 4: When set state
Value	No	NUMERIC(10)	No	Rule value
EndValue	No	NUMERIC(10)	No	Rule end value
IsMatch	No	NUMERIC(1)	No	Indicates an 'is' or 'is not' rule
Equality	No	NUMERIC(5)	No	Indicates how the item value matches the rule settings - 0: Unknown, 1: Equal, 2: Less than, 3: Greater than, 4: Between, 5: Is in list
idTTProDbConf	No	NUMERIC(10)	No	Foreign key to the TTPRODBCONF table. TestTrack connection.
idreport	No	NUMERIC(10)	No	Foreign key to the SCMREPORTS table. Report the rule is used in.

#### Table: SCMRULEDEFECTITEMS

<b>Primary key constraint name</b>	PK_SCMRULEDEFECTITEMS
<b>Comment</b>	Contains a list of TestTrack issues, requirements, and test cases that item rules apply to

#### Columns:

Column name	Primary key	Data type	Not NULL	Comment
idruled defect	Yes	NUMERIC(10)	Yes	Foreign key to the SCMRULEDEFECT table. TestTrack item rule.
defectnumber	Yes	NUMERIC(10)	Yes	TestTrack item number

#### Table: SCMRULEDTIME

<b>Primary key constraint name</b>	PK_SCMRULEDTIME
<b>Comment</b>	Contains information about date/time rules, such as filter and report restrictions and trigger preconditions

#### Columns:

Column name	Primary key	Data type	Not NULL	Comment
idRuleDTime	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
idFilter	No	NUMERIC(10)	No	Foreign key to the SCMFILTERS table. Filter the rule is used in.
idReport	No	NUMERIC(10)	No	Foreign key to the SCMREPORTS table. Report the rule is used in.
idRuleHstry	No	NUMERIC(10)	No	Foreign key to the SCMRULEHSTRY table. History rule, or restriction based on actions in a specific date range, the date/time rule is used in.

Column name	Primary key	Data type	Not NULL	Comment
idTriggerRule	No	NUMERIC(10)	No	Foreign key to the SCMTRIGGERS table. Trigger the rule is used in.
idField	No	NUMERIC(10)	No	Field used to sort files - 0: Unknown, 1: File branched, 2: File shared, 3: File base share, 4: Filename, 5: File type, 6: Expanded keywords option, 7: Size, 8: Last modified, 9: Last check in, 10: Current version, 11: Workflow or state, 12: Branch repository, 13: History event, 14: File label, 15: Check out location, 16: Local file status, 17: Issue number, 18: Check out user, 19: Check out computer, 20: Branch name, 21: Test case number, 22: Requirement number, 23: Repository name, 24: External attachment ID, 25: Security group name. Custom field IDs start at 1000.
Category	No	NUMERIC(10)	No	Rule type category - 0: Regular, 1: User, 2: Group, 3: When custom field, 4: When set state
Value	No	TIMESTAMP	No	Date/time value
EndValue	No	TIMESTAMP	No	Date/time end value
CompareType	No	NUMERIC(5)	No	Rule comparison type - 0: Is, 1: Is not, 2: Not set
Equality	No	NUMERIC(5)	No	Indicates how the date/time value matches the rule settings - 0: Unknown, 1: Equal, 2: Less than, 3: Greater than, 4: Between, 5: Is in list
Period	No	NUMERIC(5)	No	Time period - 0: Today, 1: Yesterday, 2: This week, 3: This month, 4: This year
UnitIndex	No	NUMERIC(5)	No	Time unit - 0: Days, 1: Weeks, 2: Months, 3: Years
UnitCount	No	NUMERIC(10)	No	Time unit count
RadiolIndex	No	NUMERIC(5)	No	Radio button index value

### Table: SCMRULEEVENT

Primary key constraint name	PK_SCMRULEEVENT
Comment	Contains information about event rules, or restrictions based on event type, used in filters

#### Columns:

Column name	Primary key	Data type	Not NULL	Comment
idRuleEvent	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
idFilter	No	NUMERIC(10)	No	Foreign key to the SCMFILTERS table. Filter the rule is used in.
idField	No	NUMERIC(10)	No	Field used to sort files - 0: Unknown, 1: File branched, 2: File shared, 3: File base share, 4: Filename, 5: File type, 6: Expanded keywords option, 7: Size, 8: Last modified, 9: Last check in, 10: Current version, 11: Workflow or state, 12: Branch repository, 13: History event, 14: File label, 15: Check out location, 16: Local file status, 17: Issue number, 18: Check out user, 19: Check out computer, 20: Branch name, 21: Test case number, 22: Requirement number, 23: Repository name, 24: External attachment ID, 25: Security group name. Custom field IDs start at 1000.
Category	No	NUMERIC(10)	No	Rule type category - 0: Regular, 1: User, 2: Group, 3: When custom field, 4: When set state

Column name	Primary key	Data type	Not NULL	Comment
IsIn	No	NUMERIC(1)	No	Indicates if the event is in the list of all events and selected events
IsAll	No	NUMERIC(1)	No	Indicates if all events are searched
SearchComments	No	NUMERIC(1)	No	Indicates if a comment search is required
DoesMatch	No	NUMERIC(1)	No	Indicates if the event rule matches
IsRegExp	No	NUMERIC(1)	No	Indicates if the match is a regular expression
MatchCase	No	NUMERIC(1)	No	Indicates to match case
SearchText	No	CHARACTER VARYING(1020)	No	Text to search the comments for
idReport	No	NUMERIC(10)	No	Foreign key to the SCMREPORTS table. Report the rule is used in.

Table: SCMRULEEVENTITEMS	
Primary key constraint name	PK_SCMRULEEVENTITEMS
Comment	Contains a list of events that event rules apply to

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idRuleEvent	Yes	NUMERIC(10)	Yes	Foreign key to the SCMRULEEVENT table. Event rule.
Event	Yes	NUMERIC(5)	Yes	Event type - 1: Added to repository, 2: Added to branch, 3: Added from branch, 4: Checked in, 5: Rebased, 6: Rebased with merge, 7: Promoted (Deprecated), 8: Labeled, 9: Attached to issue, 10: Deleted, 11: Undeleted, 12: Promoted to branch, 13: Promoted from branch with merge, 14: Promoted from branch without merge, 15: File share created, 16: File share broken, 17: Branch renamed, 18: Branch removed, 19: Branch restored, 20: File renamed, 21: Repo renamed, 22: Branch destroyed, 23: File destroyed, 24: Repo destroyed, 25: Branch type change, 26: Branch owner change, 27: Rollback rebase, 28: Rollback promote, 29: Rollback file, 30: Custom field changed, 31: State changed, 32: Unlabel, 33: Attach to test case, 34: Attach to requirement, 35: Duplicate changes, 36: File moved, 37: Repository moved, 38: Attach to external

Table: SCMRULEEXTERNALATTACHMENT	
Primary key constraint name	PK_SCMRULEEXTERNALATTACHMENT
Comment	Contains information about external issue attachment rules, such as filter and report restrictions and trigger preconditions

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idRuleExternalAttachment	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
idFilter	No	NUMERIC(10)	No	Foreign key to the SCMFILTERS table. Filter the rule is used in.

Column name	Primary key	Data type	Not NULL	Comment
idField	No	NUMERIC(10)	No	Field used to sort files - 0: Unknown, 1: File branched, 2: File shared, 3: File base share, 4: Filename, 5: File type, 6: Expanded keywords option, 7: Size, 8: Last modified, 9: Last check in, 10: Current version, 11: Workflow or state, 12: Branch repository, 13: History event, 14: File label, 15: Check out location, 16: Local file status, 17: Issue number, 18: Check out user, 19: Check out computer, 20: Branch name, 21: Test case number, 22: Requirement number, 23: Repository name, 24: External attachment ID, 25: Security group name. Custom field IDs start at 1000.
Category	No	NUMERIC(10)	No	Rule type category - 0: Regular, 1: User, 2: Group, 3: When custom field, 4: When set state
Connection	No	CHARACTER VARYING(256)	No	External issue tracking tool connection name
Value	No	CHARACTER VARYING(256)	No	External issue attachment value
DoesMatch	No	NUMERIC(1)	No	Indicates if the rule value matches
IsRegExp	No	NUMERIC(1)	No	Indicates if the match is a regular expression
idReport	No	NUMERIC(10)	No	Foreign key to the SCMREPORTS table. Report the rule is used in.

Table: SCMRULEFLOAT	
Primary key constraint name	PK_SCMRULEFLOAT
Comment	Contains information about float rules such as filter and report restrictions and trigger preconditions

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idRuleFloat	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
idFilter	No	NUMERIC(10)	No	Foreign key to the SCMFILTERS table. Filter the rule is used in.
idReport	No	NUMERIC(10)	No	Foreign key to the SCMREPORTS table. Report the rule is used in.
idTriggerRule	No	NUMERIC(10)	No	Foreign key to the SCMTRIGRULE table. Trigger the rule is used in.
idField	No	NUMERIC(10)	No	Field used to sort files - 0: Unknown, 1: File branched, 2: File shared, 3: File base share, 4: Filename, 5: File type, 6: Expanded keywords option, 7: Size, 8: Last modified, 9: Last check in, 10: Current version, 11: Workflow or state, 12: Branch repository, 13: History event, 14: File label, 15: Check out location, 16: Local file status, 17: Issue number, 18: Check out user, 19: Check out computer, 20: Branch name, 21: Test case number, 22: Requirement number, 23: Repository name, 24: External attachment ID, 25: Security group name. Custom field IDs start at 1000.

Column name	Primary key	Data type	Not NULL	Comment
Category	No	NUMERIC(10)	No	Rule type category - 0: Regular, 1: User, 2: Group, 3: When custom field, 4: When set state
Value	No	DOUBLE PRECISION	No	Rule value
EndValue	No	DOUBLE PRECISION	No	Rule end value
CompareType	No	NUMERIC(5)	No	Rule comparison type - 0: Is, 1: Is not, 2: Not set
Equality	No	NUMERIC(5)	No	Indicates how the float value matches the rule settings - 0: Unknown, 1: Equal, 2: Less than, 3: Greater than, 4: Between, 5: Is in list

Table: SCMRULEGROUP	
Primary key constraint name	PK_SCMRULEGROUP
Comment	Contains information about security rules, or restrictions, used in filters and reports

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idRuleGroup	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
idFilter	No	NUMERIC(10)	No	Foreign key to the SCMFILTERS table. Filter the rule is used in.
idReport	No	NUMERIC(10)	No	Foreign key to the SCMREPORTS table. Report the rule is used in.
idTriggerRule	No	NUMERIC(10)	No	Foreign key to the SCMTRIGRULE table. Trigger the rule is used in.
idField	No	NUMERIC(10)	No	Field used to sort files - 0: Unknown, 1: File branched, 2: File shared, 3: File base share, 4: Filename, 5: File type, 6: Expanded keywords option, 7: Size, 8: Last modified, 9: Last check in, 10: Current version, 11: Workflow or state, 12: Branch repository, 13: History event, 14: File label, 15: Check out location, 16: Local file status, 17: Issue number, 18: Check out user, 19: Check out computer, 20: Branch name, 21: Test case number, 22: Requirement number, 23: Repository name, 24: External attachment ID, 25: Security group name. Custom field IDs start at 1000.
Category	No	NUMERIC(10)	No	Rule type category - 0: Regular, 1: User, 2: Group, 3: When custom field, 4: When set state
CompareType	No	NUMERIC(5)	No	Rule comparison type - 0: Is, 1: Is not, 2: Not set
AnyGroup	No	NUMERIC(1)	No	Indicates if all security groups are included

Table: SCMRULEGROUPITEMS	
Primary key constraint name	PK_SCMRULEGROUPITEMS
Comment	Contains information about items in rules, or restrictions, used in security group reports

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idRuleGroup	Yes	NUMERIC(10)	Yes	Foreign key to the SCMRULEGROUP table. Security group rule.
idGroup	Yes	NUMERIC(10)	Yes	Foreign key to the SCMGROUPS table. Security group.

<b>Table: SCMRULEHSTRY</b>	
<b>Primary key constraint name</b>	PK_SCMRULEHSTRY
<b>Comment</b>	Contains information about history rules, or restrictions based on actions performed by users in a specific date range, used in reports

**Columns:**

<b>Column name</b>	<b>Primary key</b>	<b>Data type</b>	<b>Not NULL</b>	<b>Comment</b>
idRuleHstry	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
idReport	No	NUMERIC(10)	No	Foreign key to the SCMREPORTS table. Report the rule is used in.
idField	No	NUMERIC(10)	No	Field used to sort files - 0: Unknown, 1: File branched, 2: File shared, 3: File base share, 4: Filename, 5: File type, 6: Expanded keywords option, 7: Size, 8: Last modified, 9: Last check in, 10: Current version, 11: Workflow or state, 12: Branch repository, 13: History event, 14: File label, 15: Check out location, 16: Local file status, 17: Issue number, 18: Check out user, 19: Check out computer, 20: Branch name, 21: Test case number, 22: Requirement number, 23: Repository name, 24: External attachment ID, 25: Security group name. Custom field IDs start at 1000.
Category	No	NUMERIC(10)	No	Rule type category - 0: Regular, 1: User, 2: Group, 3: When custom field, 4: When set state
AnyEvent	No	NUMERIC(1)	No	Indicates if all events are included
AnyChangeEvent	No	NUMERIC(1)	No	Indicates if all changes are included
CompareType	No	NUMERIC(5)	No	Rule comparison type - 0: Is, 1: Is not, 2: Not set.

<b>Table: SCMRULEHSTRYITEMS</b>	
<b>Primary key constraint name</b>	PK_SCMRULEHSTRYITEMS
<b>Comment</b>	Contains event information for history rules, which are the restrictions based on actions performed by users in a specific date range used in reports

**Columns:**

<b>Column name</b>	<b>Primary key</b>	<b>Data type</b>	<b>Not NULL</b>	<b>Comment</b>
idRuleHstry	Yes	NUMERIC(10)	Yes	Foreign key to the SCMRULEHSTRY table. History rule.
Event	Yes	NUMERIC(5)	Yes	Event type - 1: Added to repository, 2: Added to branch, 3: Added from branch, 4: Checked in, 5: Rebased, 6: Rebased with merge, 7: Promoted (deprecated), 8: Labeled, 9: Attached to issue, 10: Deleted, 11: Undeleted, 12: Promoted to branch, 13: Promoted from branch with merge, 14: Promoted from branch without merge, 15: File share created, 16: File share broken, 17: Branch renamed, 18: Branch removed, 19: Branch restored, 20: File renamed, 21: Repo renamed, 22: Branch destroyed, 23: File destroyed, 24: Repo destroyed, 25: Branch type change, 26: Branch owner change, 27: Rollback rebase, 28: Rollback promote, 29: Rollback file, 30: Custom field changed, 31: State changed, 32: Unlabel, 33: Attach to test case, 34: Attach to requirement, 35: Duplicate changes, 36: File moved, 37: Repository moved, 38: Attach to external

<b>Table: SCMRULEIDITEMS</b>	
<b>Primary key constraint name</b>	PK_SCMRULEIDITEMS
<b>Comment</b>	Contains a list of item IDs that ID rules apply to

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idRuleIDList	Yes	NUMERIC(10)	Yes	Foreign key to the SCMRULIDLIST table. ID list rule.
idItem	Yes	NUMERIC(10)	Yes	Item record ID

<b>Table: SCMRULEIDLIST</b>	
<b>Primary key constraint name</b>	PK_SCMRULEIDLIST
<b>Comment</b>	Contains information about ID rules that use the list of item IDs

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idRuleIDList	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
idFilter	No	NUMERIC(10)	No	Foreign key to the SCMFILTERS table. Filter the ID rule list is used in.
idReport	No	NUMERIC(10)	No	Foreign key to the SCMREPORTS table. Report the ID rule list is used in.
idTriggerRule	No	NUMERIC(10)	No	Foreign key to the SCMTRIGRULE table. Trigger the ID rule list is used in.
idField	No	NUMERIC(10)	No	Field used to sort files - 0: Unknown, 1: File branched, 2: File shared, 3: File base share, 4: Filename, 5: File type, 6: Expanded keywords option, 7: Size, 8: Last modified, 9: Last check in, 10: Current version, 11: Workflow or state, 12: Branch repository, 13: History event, 14: File label, 15: Check out location, 16: Local file status, 17: Issue number, 18: Check out user, 19: Check out computer, 20: Branch name, 21: Test case number, 22: Requirement number, 23: Repository name, 24: External attachment ID, 25: Security group name. Custom field IDs start at 1000.
Category	No	NUMERIC(10)	No	Rule type category - 0: Regular, 1: User, 2: Group, 3: When custom field, 4: When set state
CompareType	No	NUMERIC(5)	No	Rule comparison type - 0: Is, 1: Is not, 2: Not set
AnyValue	No	NUMERIC(1)	No	Indicates if all values are included

<b>Table: SCMRULEINT</b>	
<b>Primary key constraint name</b>	PK_SCMRULEINT
<b>Comment</b>	Contains information about integer rules such as filter and report restrictions and trigger preconditions

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idRuleInt	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
idFilter	No	NUMERIC(10)	No	Foreign key to the SCMFILTERS table. Filter the rule is used in.
idReport	No	NUMERIC(10)	No	Foreign key to the SCMREPORTS table. Report the rule is used in.
idTriggerRule	No	NUMERIC(10)	No	Foreign key to the SCMTRIGRULE table. Trigger the rule is used in.



Column name	Primary key	Data type	Not NULL	Comment
idField	No	NUMERIC(10)	No	Field used to sort files - 0: Unknown, 1: File branched, 2: File shared, 3: File base share, 4: Filename, 5: File type, 6: Expanded keywords option, 7: Size, 8: Last modified, 9: Last check in, 10: Current version, 11: Workflow or state, 12: Branch repository, 13: History event, 14: File label, 15: Check out location, 16: Local file status, 17: Issue number, 18: Check out user, 19: Check out computer, 20: Branch name, 21: Test case number, 22: Requirement number, 23: Repository name, 24: External attachment ID, 25: Security group name. Custom field IDs start at 1000.
Category	No	NUMERIC(10)	No	Rule type category - 0: Regular, 1: User, 2: Group, 3: When custom field, 4: When set state
Value	No	NUMERIC(10)	No	Integer value
EndValue	No	NUMERIC(10)	No	Integer end value
CompareType	No	NUMERIC(5)	No	Rule comparison type - 0: Is, 1: Is not, 2: Not set
Equality	No	NUMERIC(5)	No	Indicates how the integer value matches the rule settings - 0: Unknown, 1: Equal, 2: Less than, 3: Greater than, 4: Between, 5: Is in list

#### Table: SCMRULELABEL

<b>Primary key constraint name</b>	PK_SCMRULELABEL
<b>Comment</b>	Contains information about label rules, such as filter and report restrictions and trigger preconditions

#### Columns:

Column name	Primary key	Data type	Not NULL	Comment
idRuleLabel	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
idFilter	No	NUMERIC(10)	No	Foreign key to the SCMFILTERS table. Filter the rule is used in.
idField	No	NUMERIC(10)	No	Field used to sort files - 0: Unknown, 1: File branched, 2: File shared, 3: File base share, 4: Filename, 5: File type, 6: Expanded keywords option, 7: Size, 8: Last modified, 9: Last check in, 10: Current version, 11: Workflow or state, 12: Branch repository, 13: History event, 14: File label, 15: Check out location, 16: Local file status, 17: Issue number, 18: Check out user, 19: Check out computer, 20: Branch name, 21: Test case number, 22: Requirement number, 23: Repository name, 24: External attachment ID, 25: Security group name. Custom field IDs start at 1000.
Category	No	NUMERIC(10)	No	Rule type category - 0: Regular, 1: User, 2: Group, 3: When custom field, 4: When set state
DoesMatch	No	NUMERIC(1)	No	Indicates if label text is matched
IsRegExp	No	NUMERIC(1)	No	Indicates if match is a regular expression
MatchCase	No	NUMERIC(1)	No	Indicates if match is case-sensitive
LabelText	No	CHARACTER VARYING(512)	No	Label text to match
idReport	No	NUMERIC(10)	No	Foreign key to the SCMREPORTS table. Report the rule is used in.

<b>Table: SCMRULELIST</b>	
<b>Primary key constraint name</b>	PK_SCMRULELIST
<b>Comment</b>	Contains information about list rules, such as filter and report restrictions and trigger preconditions

**Columns:**

<b>Column name</b>	<b>Primary key</b>	<b>Data type</b>	<b>Not NULL</b>	<b>Comment</b>
idRuleList	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
idFilter	No	NUMERIC(10)	No	Foreign key to the SCMFILTERS table. Filter the rule is used in.
idReport	No	NUMERIC(10)	No	Foreign key to the SCMREPORTS table. Report the list is used in.
idTriggerRule	No	NUMERIC(10)	No	Foreign key to the SCMTRIGRULE table. Trigger the rule is used in.
idField	No	NUMERIC(10)	No	Field used to sort files - 0: Unknown, 1: File branched, 2: File shared, 3: File base share, 4: Filename, 5: File type, 6: Expanded keywords option, 7: Size, 8: Last modified, 9: Last check in, 10: Current version, 11: Workflow or state, 12: Branch repository, 13: History event, 14: File label, 15: Check out location, 16: Local file status, 17: Issue number, 18: Check out user, 19: Check out computer, 20: Branch name, 21: Test case number, 22: Requirement number, 23: Repository name, 24: External attachment ID, 25: Security group name. Custom field IDs start at 1000.
Category	No	NUMERIC(10)	No	Rule type category - 0: Regular, 1: User, 2: Group, 3: When custom field, 4: When set state
CompareType	No	NUMERIC(5)	No	Rule comparison type - 0: Is, 1: Is not, 2: Not set
AnyValue	No	NUMERIC(1)	No	Indicates if all listed items are included

<b>Table: SCMRULELISTITEMS</b>	
<b>Primary key constraint name</b>	PK_SCMRULELISTITEMS
<b>Comment</b>	Contains information about items that list rules apply to

**Columns:**

<b>Column name</b>	<b>Primary key</b>	<b>Data type</b>	<b>Not NULL</b>	<b>Comment</b>
idRuleListItem	Yes	NUMERIC(10)	Yes	List item ID
idRuleList	No	NUMERIC(10)	No	Foreign key to the SCMRULELIST table. List rule item.
ItemText	No	CHARACTER VARYING(512)	No	List item text

<b>Table: SCMRULESTATUS</b>	
<b>Primary key constraint name</b>	PK_SCMRULESTATUS
<b>Comment</b>	Contains information about status rules, or restrictions, for filters

**Columns:**

<b>Column name</b>	<b>Primary key</b>	<b>Data type</b>	<b>Not NULL</b>	<b>Comment</b>
idRuleStatus	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
idFilter	No	NUMERIC(10)	No	Foreign key to the SCMFILTERS table. Filter the rule is used in.

Column name	Primary key	Data type	Not NULL	Comment
idField	No	NUMERIC(10)	No	Field used to sort files - 0: Unknown, 1: File branched, 2: File shared, 3: File base share, 4: Filename, 5: File type, 6: Expanded keywords option, 7: Size, 8: Last modified, 9: Last check in, 10: Current version, 11: Workflow or state, 12: Branch repository, 13: History event, 14: File label, 15: Check out location, 16: Local file status, 17: Issue number, 18: Check out user, 19: Check out computer, 20: Branch name, 21: Test case number, 22: Requirement number, 23: Repository name, 24: External attachment ID, 25: Security group name. Custom field IDs start at 1000.
Category	No	NUMERIC(10)	No	Rule type category - 0: Regular, 1: User, 2: Group, 3: When custom field, 4: When set state
IsMatch	No	NUMERIC(1)	No	Indicates if status matches
Status	No	NUMERIC(5)	No	Status to use in the match

Table: SCMRULETEXT	
Primary key constraint name	PK_SCMRULETEXT
Comment	Contains information about text rules, such as filter and report restrictions and trigger preconditions

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idRuleText	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
idFilter	No	NUMERIC(10)	No	Foreign key to the SCMFILTERS table. Filter the rule is used in.
idReport	No	NUMERIC(10)	No	Foreign key to the SCMREPORTS table Report the rule is used in.
idTriggerRule	No	NUMERIC(10)	No	Foreign key to the SCMTRIGRULE table. Trigger the rule is used in.
idField	No	NUMERIC(10)	No	Field used to sort files - 0: Unknown, 1: File branched, 2: File shared, 3: File base share, 4: Filename, 5: File type, 6: Expanded keywords option, 7: Size, 8: Last modified, 9: Last check in, 10: Current version, 11: Workflow or state, 12: Branch repository, 13: History event, 14: File label, 15: Check out location, 16: Local file status, 17: Issue number, 18: Check out user, 19: Check out computer, 20: Branch name, 21: Test case number, 22: Requirement number, 23: Repository name, 24: External attachment ID, 25: Security group name. Custom field IDs start at 1000.
Category	No	NUMERIC(5)	No	Rule type category - 0: Regular, 1: User, 2: Group, 3: When custom field, 4: When set state
DoesMatch	No	NUMERIC(1)	No	Indicates if text matches
IsRegExp	No	NUMERIC(1)	No	Indicates if the match is a regular expression
MatchCase	No	NUMERIC(1)	No	Indicates if the match is case sensitive
Text	No	CHARACTER VARYING(1020)	No	Text to use in match

<b>Table: SCMRULEUSER</b>	
<b>Primary key constraint name</b>	PK_SCMRULEUSER
<b>Comment</b>	Contains information about user rules, such as filter and report restrictions and trigger preconditions

**Columns:**

<b>Column name</b>	<b>Primary key</b>	<b>Data type</b>	<b>Not NULL</b>	<b>Comment</b>
idRuleUser	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
idFilter	No	NUMERIC(10)	No	Foreign key to the SCMFILTERS table. Filter the rule is used in.
idReport	No	NUMERIC(10)	No	Foreign key to the SCMREPORTS table. Report the rule is used in.
idRuleHstry	No	NUMERIC(10)	No	Foreign key to the SCMRULEHSTRYITEMS table. History rule, or restriction based on actions in a specific date range, the user rule is used in.
idTriggerRule	No	NUMERIC(10)	No	Foreign key to the SCMTRIGRULE table. User rule trigger.
idField	No	NUMERIC(10)	No	Field used to sort files - 0: Unknown, 1: File branched, 2: File shared, 3: File base share, 4: Filename, 5: File type, 6: Expanded keywords option, 7: Size, 8: Last modified, 9: Last check in, 10: Current version, 11: Workflow or state, 12: Branch repository, 13: History event, 14: File label, 15: Check out location, 16: Local file status, 17: Issue number, 18: Check out user, 19: Check out computer, 20: Branch name, 21: Test case number, 22: Requirement number, 23: Repository name, 24: External attachment ID, 25: Security group name. Custom field IDs start at 1000.
Category	No	NUMERIC(10)	No	Rule type category - 0: Regular, 1: User, 2: Group, 3: When custom field, 4: When set state
CompareType	No	NUMERIC(5)	No	Rule comparison - 0: Is, 1: Is not, 2: Not set
CurrentUser	No	NUMERIC(1)	No	Indicates if the rule is for the current user
AnyUser	No	NUMERIC(1)	No	Indicates if the rule matches any user

<b>Table: SCMRULEUSERITEMS</b>	
<b>Primary key constraint name</b>	PK_SCMRULEUSERITEMS
<b>Comment</b>	Contains information about users in user list rules

**Columns:**

<b>Column name</b>	<b>Primary key</b>	<b>Data type</b>	<b>Not NULL</b>	<b>Comment</b>
idRuleUser	Yes	NUMERIC(10)	Yes	Foreign key to the SCMRULEUSER table. User rule.
idUser	Yes	NUMERIC(10)	Yes	Foreign key to the SCMUSERS table. User.

<b>Table: SCMSHADOWS</b>	
<b>Primary key constraint name</b>	PK_SCMSHADOWS
<b>Comment</b>	Contains shadow folder information

**Columns:**

<b>Column name</b>	<b>Primary key</b>	<b>Data type</b>	<b>Not NULL</b>	<b>Comment</b>
idShadow	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
ServerPath	No	CHARACTER VARYING(2048)	Yes	Shadow folder server path

Column name	Primary key	Data type	Not NULL	Comment
RepoPath	No	CHARACTER VARYING(2048)	No	Shadow folder repository path
idBranch	No	NUMERIC(10)	No	Shadow folder branch ID
DateOption	No	NUMERIC(1)	No	Date/time to get the file - 0: Current date, 1: Modified, 2: Check in
EOLOption	No	NUMERIC(5)	No	End of line format to get files to the shadow folder with - 0: Windows (CR/LF), 1: Unix (LF), 2: Mac (CR), 3: Windows (CR/LF) Append extra EOL, 4: Unix (LF) Append extra EOL, 5: Mac (CR) Append extra EOL
Recursive	No	NUMERIC(1)	No	Indicates if the shadow folder recursively checks for file changes

### Table: SCMSTATES

<b>Primary key constraint name</b>	PK_SCMSTATES
<b>Comment</b>	Contains workflow state information

#### Columns:

Column name	Primary key	Data type	Not NULL	Comment
idState	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
Deleted	No	NUMERIC(1)	No	Indicates if the state was deleted
Name	No	CHARACTER VARYING(128)	Yes	State name
Description	No	CHARACTER VARYING(1020)	No	State description
ESigRequired	No	NUMERIC(1)	No	State requires an electronic signature
AutoReset	No	NUMERIC(1)	No	State resets to default state when the file version changes

### Table: SCMTRIGACTCOMMENT

<b>Primary key constraint name</b>	PK_SCMTRIGACTCOMMENT
<b>Comment</b>	Contains information about triggers that set or append event comment text

#### Columns:

Column name	Primary key	Data type	Not NULL	Comment
idTrigger	Yes	NUMERIC(10)	Yes	Foreign key to the SCMTRIGGERS table. Trigger that sets or appends event comment text
ExecutionOrder	Yes	NUMERIC(5)	Yes	Order the event comment text is set or appended
CommentText	No	CHARACTER VARYING(1024)	No	Text to set or append to comment
SetComment	No	NUMERIC(1)	No	Indicates if comment is set or appended

### Table: SCMTRIGACTCUSTM

<b>Primary key constraint name</b>	PK_SCMTRIGACTCUSTM
<b>Comment</b>	Contains information about triggers that set custom field values

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idTrigger	Yes	NUMERIC(10)	Yes	Foreign key to the SCMTRIGGERS table. Trigger that sets the custom field value
ExecutionOrder	Yes	NUMERIC(5)	Yes	Order the custom fields are set
idCustomField	No	NUMERIC(10)	Yes	Foreign key to the SCMCUSTOMFLDS table. Custom field.
TextValue	No	CHARACTER VARYING(255)	No	Custom field text value to set
IntegerValue	No	NUMERIC(10)	No	Custom field integer value to set
DoubleValue	No	DOUBLE PRECISION	No	Custom field double value to set
DateTimeValue	No	TIMESTAMP	No	Custom field date/time value to set
CheckBoxValue	No	NUMERIC(1)	No	Custom field check box value to set - 0: Unchecked, 1: Checked
DateType	No	NUMERIC(5)	No	Date type - 0: Specific date, 1: Relative date, 2: Current date
TimeType	No	NUMERIC(5)	No	Time type - 0: Specific time, 1: Relative time, 2: Current time
RelDateOpt	No	NUMERIC(5)	No	Relative date option - 0: Days, 1: Weeks, 2: Months, 3: Years
RelDateValue	No	NUMERIC(10)	No	Number of relative date units
RelTimeValue	No	NUMERIC(10)	No	Relative time value in minutes
DTValue	No	TIMESTAMP	No	Date/time value

**Table: SCMTRIGACTDENY**

<b>Primary key constraint name</b>	PK_SCMTRIGACTDENY
<b>Comment</b>	Contains information about triggers that prevent events

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idTrigger	Yes	NUMERIC(10)	Yes	Foreign key to the SCMTRIGGERS table. Trigger that prevents the event
ExecutionOrder	Yes	NUMERIC(5)	Yes	Order the prevent event is triggered
DenyText	No	CHARACTER VARYING(1024)	No	Text to display when the trigger prevents an event

**Table: SCMTRIGACTMAIL**

<b>Primary key constraint name</b>	PK_SCMTRIGACTMAIL
<b>Comment</b>	Contains information about triggers that send email

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idTrigActMail	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
idTrigger	No	NUMERIC(10)	Yes	Foreign key to the SCMTRIGGERS table. Trigger that sends email.
ExecutionOrder	No	NUMERIC(5)	Yes	Order the email is sent

Column name	Primary key	Data type	Not NULL	Comment
Consolidate	No	NUMERIC(1)	No	Indicates if multiple actions are consolidated to one email
MultiRecip	No	NUMERIC(1)	No	Indicates if multiple recipients
AsHTML	No	NUMERIC(1)	No	Indicates if email is in HTML format
idTemplate	No	NUMERIC(10)	No	Email template to use
Subject	No	CHARACTER VARYING(1020)	No	Email subject
Body	No	TEXT	No	Email body text
FileList	No	TEXT	No	Files the trigger acted on

**Table: SCMTRIGACTRECIP**

<b>Primary key constraint name</b>	PK_SCMTRIGACTRECIP
<b>Comment</b>	Contains information about recipients of emails sent by triggers

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idTriggerActEmail	Yes	NUMERIC(10)	Yes	Foreign key to the SCMTRIGACTMAIL table. Triggered email.
RecipOrder	Yes	NUMERIC(10)	Yes	Email recipient order
idUser	No	NUMERIC(10)	No	Foreign key to the SCMUSERS table. Email recipient.
RecipType	No	NUMERIC(5)	No	Recipient type - 0: To, 1: CC, 2: BCC
Name	No	CHARACTER VARYING(252)	No	Recipient name
Address	No	CHARACTER VARYING(252)	No	Recipient address
AddressType	No	NUMERIC(2)	No	Email address type - 1: Internet, 2: MAPI, 3: Other
idCustomField	No	NUMERIC(10)	No	Foreign key to the SCMCUSTOMFLDS table. Email recipient custom field
CurrentUser	No	NUMERIC(1)	No	Indicates if the recipient is the current user who performed the event
LastUser	No	NUMERIC(10)	No	Trigger event type, which is used to identify the last user who performed the event - 1: Added to repository, 3: Added from branch, 4: Checked in, 5: Rebased, 6: Rebased with merge, 7: Promoted (deprecated), 9: Attached to issue, 10: Deleted, 11: Undeleted, 12: Promoted to branch, 13: Promoted from branch with merge, 14: Promoted from branch without merge, 15: File share created, 16: File share broken, 20: File renamed, 33: Attach to test case, 34: Attach to requirement, 35: Duplicate changes, 36: File moved, 38: Attach to external
DynamicSourceType	No	NUMERIC(10)	No	Recipient user type related to the event - 0: N/A, 1: Code review author, 2: Code review reviewer, 3: Code review reviewer with incomplete reviews

<b>Table: SCMTRIGACTSCRIPT</b>	
<b>Primary key constraint name</b>	PK_SCMTRIGACTSCRIPT
<b>Comment</b>	Contains information about triggers that run executables

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idTrigger	Yes	NUMERIC(10)	Yes	Foreign key to the SCMTRIGGERS table. Trigger that runs the script.
ExecutionOrder	Yes	NUMERIC(5)	Yes	Order the scripts run
Script	No	CHARACTER VARYING(1020)	No	Script to run

<b>Table: SCMTRIGACTSTATE</b>	
<b>Primary key constraint name</b>	PK_SCMTRIGACTSTATE
<b>Comment</b>	Contains information about triggers that set workflow states

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idTrigger	Yes	NUMERIC(10)	Yes	Foreign key to the SCMTRIGGERS table. Trigger that sets the workflow state.
ExecutionOrder	Yes	NUMERIC(5)	Yes	Order the workflow states are set
idState	No	NUMERIC(10)	No	Foreign key to the SCMSTATES table. Workflow state to set.
CommentText	No	CHARACTER VARYING(1024)	No	State change comment

<b>Table: SCMTRIGGERS</b>	
<b>Primary key constraint name</b>	PK_SCMTRIGGERS
<b>Comment</b>	Contains trigger information

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idTrigger	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
Description	No	CHARACTER VARYING(128)	No	Trigger description
Recursive	No	NUMERIC(1)	No	Indicates if the trigger is recursive for the branch/repository path
PostEvent	No	NUMERIC(1)	No	Indicates if the trigger is a post-event trigger



Column name	Primary key	Data type	Not NULL	Comment
Event	No	NUMERIC(10)	No	Event type - 1: Added to repository, 2: Added to branch, 3: Added from branch, 4: Checked in, 5: Rebased, 6: Rebased with merge, 7: Promoted (deprecated), 8: Labeled, 9: Attached to issue, 10: Deleted, 11: Undeleted, 12: Promoted to branch, 13: Promoted from branch with merge, 14: Promoted from branch without merge, 15: File share created, 16: File share broken, 17: Branch renamed, 18: Branch removed, 19: Branch restored, 20: File renamed, 21: Repo renamed, 22: Branch destroyed, 23: File destroyed, 24: Repo destroyed, 25: Branch type change, 26: Branch owner change, 27: Rollback rebase, 28: Rollback promote, 29: Rollback file, 30: Custom field changed, 31: State changed, 32: Unlabel, 33: Attach to test case, 34: Attach to requirement, 35: Duplicate changes, 36: File moved, 37: Repository moved, 38: Attach to external
Enabled	No	NUMERIC(1)	No	Indicates if the trigger is enabled
RunOnce	No	NUMERIC(1)	No	Indicates if the trigger runs once and is then disabled
PartOfChangelist	No	NUMERIC(1)	No	Indicates if the trigger only runs when a changelist is committed
BranchID	No	NUMERIC(10)	No	Branch ID the trigger runs for
Repository	No	CHARACTER VARYING(1024)	No	Repository path the trigger runs for

#### Table: SCMTRIGRULE

<b>Primary key constraint name</b>	PK_SCMTRIGRULE
<b>Comment</b>	Contains trigger rule information

#### Columns:

Column name	Primary key	Data type	Not NULL	Comment
idTriggerRule	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
idTrigger	No	NUMERIC(10)	No	Foreign key to the SCMTRIGGERS table. Trigger.
RuleType	No	NUMERIC(5)	No	Rule type - 0: Unknown, 1: Text rule, 2: Integer rule, 3: Float rule, 4: List field rule, 5: User rule, 6: Date time rule, 7: Check box rule, 8: Branch repository rule, 9: History match rule, 10: Event match rule, 11: Label Match rule, 12: TestTrack item number rule, 13: Local file status rule, 14: Record ID list rule, 15: External attachment rule, 16: Security group rule
PreConditionRule	No	NUMERIC(1)	No	Indicates if the rule is a pre-condition

#### Table: SCMUSERGRP

<b>Primary key constraint name</b>	PK_SCMUSERGRP
<b>Comment</b>	Contains information about users in security groups

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idUser	Yes	NUMERIC(10)	Yes	Foreign key to the SCMUSERS table. User.
idGroup	Yes	NUMERIC(10)	Yes	Foreign key to the SCMGROUPS table. Security group.

**Table: SCMUSERS**

<b>Primary key constraint name</b>	PK_SCMUSERS
<b>Comment</b>	Contains Surround SCM user information

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idUser	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
Username	No	TEXT	No	Surround SCM username
TTProUsername	No	TEXT	No	TestTrack username
TTProPassword	No	TEXT	No	TestTrack password
ExternalIssueUsername	No	TEXT	No	External issue tracking tool username
ExternalIssuePassword	No	CHARACTER VARYING(2721)	No	External issue tracking tool encrypted password

**Table: SCMWORKFLOWS**

<b>Primary key constraint name</b>	PK_SCMWORKFLOWS
<b>Comment</b>	Contains workflow information

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idWorkFlow	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
Name	No	CHARACTER VARYING(128)	Yes	Workflow name
Description	No	CHARACTER VARYING(1020)	No	Workflow description
idDefaultState	No	NUMERIC(10)	No	Foreign key to the SCMSTATES table. Default workflow state.
RollbackOption	No	NUMERIC(1)	No	Indicates if state is rolled back with file rollback

**Table: SCMWRKFLWDFLT**

<b>Primary key constraint name</b>	PK_SCMWRKFLWDFLT
<b>Comment</b>	Contains default workflow information

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idDefaultWorkFlow	Yes	NUMERIC(10)	Yes	Foreign key to the SCMWORKFLOWS table. Default workflow for the mainline branch.

**Table: SCMWRKFLWSTATES**

<b>Primary key constraint name</b>	PK_SCMWRKFLWSTATES
<b>Comment</b>	Contains workflow states

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idWorkFlow	Yes	NUMERIC(10)	Yes	Foreign key to the SCMWORKFLOWS table. Workflow that contains the states.
idState	Yes	NUMERIC(10)	Yes	Foreign key to the SCMSTATES table. Workflow state.
DisplayOrder	No	NUMERIC(5)	No	Workflow state display order

Table: SCMWKFLWTRANS	
Primary key constraint name	PK_SCMWKFLWTRANS
Comment	Contains workflow transitions

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idWorkFlow	Yes	NUMERIC(10)	Yes	Foreign key to the SCMWORKFLOWS table. Workflow that contains the transitions.
idStateFrom	Yes	NUMERIC(10)	Yes	Foreign key to the SCMSTATE table. Workflow state to transition from.
idStateTo	Yes	NUMERIC(10)	Yes	Foreign key to the SCMSTATE table. Workflow state to transition to.
Enabled	No	NUMERIC(1)	No	Indicates if transition is enabled

Table: SERVERID	
Primary key constraint name	PK_SERVERID
Comment	Contains server ID using the database and a reference count

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idServer	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
ServUUID	No	CHARACTER VARYING(38)	No	Universally unique server identifier
RefID	No	NUMERIC(10)	No	Server reference ID number
ServStart	No	TIMESTAMP	No	Date/time of the last server start

Table: SERVOPTN	
Primary key constraint name	PK_SERVOPTN
Comment	Contains a list of server options

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idServOptn	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
OptDesc	No	CHARACTER VARYING(63)	No	Server option description
OptValue	No	CHARACTER VARYING(255)	No	Server option value

Table: SHELF	
Primary key constraint name	PK_SHELF
Comment	Contains a list of shelves for the mainlines in the RDBMS database

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
ShelfID	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
OwnerID	No	NUMERIC(10)	No	Foreign key to the SCMUSERS table. Shelf owner.
ShelfName	No	CHARACTER VARYING(255)	No	Shelf name
ShelfDescription	No	CHARACTER VARYING(1024)	No	Shelf description
SharingOption	No	NUMERIC(2)	No	Sharing option - 0: Sharing disabled, 1: Share with all, 2: Share with selected
Destroyed	No	NUMERIC(1)	No	Indicates if the shelf was destroyed. Destroyed shelves cannot be restored.

Table: SHELFFILE	
Primary key constraint name	PK_SHELFFILE
Comment	Contains file data in shelves

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
ShelfFileID	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
ShelfID	Yes	NUMERIC(10)	Yes	Foreign key to the SHELF table. Shelf.
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
BranchID	No	NUMERIC(10)	No	Foreign key to the BRANCH table. Branch the shelf is from.
FileID	No	NUMERIC(10)	No	Foreign key to the ARCHIVEFILE table. Shelved file archive file ID.
BranchFileID	No	NUMERIC(10)	No	Foreign key to the BRANCHFILE table. Shelved file branch file ID.
ParentBranchRepoID	No	NUMERIC(10)	No	Foreign key to the BRANCHREPOSITORY table. Shelved file parent branch repository ID.
FileVersion	No	NUMERIC(10)	No	Original file version before shelved
RepositoryPath	No	CHARACTER VARYING(1024)	No	Shelved file repository path
FileName	No	CHARACTER VARYING(255)	No	Shelved filename
RelativePath	No	CHARACTER VARYING(1024)	No	Shelved file relative path. Used for new files added to a shelf.
FileType	No	NUMERIC(2)	No	Archive file type - 0: Unknown, 1: AutoDetect, 2: Text, 3: Binary, 4: MacBinary, 5: UTF8, 6: UTF16, 7: Symlink.
FileRevisionID	No	NUMERIC(10)	No	Foreign key to the FILEREVISION table. Shelved file revision ID.
Destroyed	No	NUMERIC(1)	No	Indicates if the file was destroyed. Destroyed files cannot be restored.

<b>Table: SHELFSHARING</b>	
<b>Primary key constraint name</b>	PK_SHELFSHARING
<b>Comment</b>	Contains information about users shelves are shared with

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
ShelfID	Yes	NUMERIC(10)	Yes	Foreign key to the SHELF table. Shared shelf ID.
MainlineID	Yes	NUMERIC(10)	Yes	Parent mainline branch ID
ShelfSharedUserID	Yes	NUMERIC(10)	Yes	Foreign key to the SCMUSERS table. User the shelf is shared with.

<b>Table: SYNCTRACK</b>	
<b>Primary key constraint name</b>	PK_SYNCTRACK
<b>Comment</b>	Contains information used to track the last time changes were made to tables to sync mainlines stored in other RDBMS databases

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
TrackID	Yes	NUMERIC(10)	Yes	List to sync record ID - 1: Workflow, 2: State, 3: User, 4: Security group, 5: TestTrack connection, 6: Custom field
SyncTime	No	TIMESTAMP	No	Date/time the list was last synced

<b>Table: TTPRODBCONF</b>	
<b>Primary key constraint name</b>	PK_TTPRODBCONF
<b>Comment</b>	Contains TestTrack connection information

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idTTProDbConf	Yes	NUMERIC(10)	Yes	Record ID that uniquely identifies a table row
ConfigName	No	CHARACTER VARYING(128)	No	TestTrack connection name
DisplayOrder	No	NUMERIC(5)	No	TestTrack connection display order
TTServerIP	No	CHARACTER VARYING(512)	No	TestTrack Server IP address
TTServerPort	No	NUMERIC(5)	No	TestTrack Server port number
TTDbName	No	CHARACTER VARYING(128)	No	TestTrack project name
TTDbID	No	NUMERIC(10)	No	TestTrack project ID
TTProjUUID	No	CHARACTER VARYING(38)	No	TestTrack project universally unique identifier
TTPublicKey	No	CHARACTER VARYING(1024)	No	TestTrack Server RSA exchange public key

<b>Table: USAGE</b>	
<b>Primary key constraint name</b>	PK_USAGE
<b>Comment</b>	Contains table usage statistics

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idusage	Yes	NUMERIC(10)	Yes	Usage ID - 0: Last phone home time, 1: Operating system version, 2: Client type
textvalue	Yes	CHARACTER VARYING(256)	Yes	Text that contains the specific client or operating system version
datetimevalue	No	TIMESTAMP	No	Date/time the usage was last updated
intvalue	No	NUMERIC(10)	No	Not currently used

**Table: WORKDIRS**

Primary key constraint name	
Comment	Contains working directory information

**Columns:**

Column name	Primary key	Data type	Not NULL	Comment
idUser	No	NUMERIC(10)	Yes	Foreign key to the SCMUSERS table. User associated with the working directory.
idBranch	No	NUMERIC(10)	Yes	Working directory branch ID
RepoPath	No	CHARACTER VARYING(2048)	Yes	Working directory repository path
Machine	No	CHARACTER VARYING(256)	Yes	Working directory computer
WDPath	No	CHARACTER VARYING(2048)	No	Local working directory path
Recursive	No	NUMERIC(1)	No	Indicates if the working directory is recursive for the branch/repository path

## Event table Alt values

Some Surround SCM event types include additional data about the event that was performed. The following values may be included in the Event table AltName and AltInteger columns based on event type.

### AltName values

Event type	Event description	AltName1	AltName2
2	Add to branch	BranchName	--
3	Add from branch	BranchName	BranchVersion
5	Rebase	BranchName	BranchVersion
6	Rebase with merge	BranchName	BranchVersion
9	Attach to issue	TTProjectUUID	--
12	Promote to branch	BranchName	BranchVersion
13	Promote from branch with merge	BranchName	BranchVersion
14	Promote from branch	BranchName	BranchVersion
15	Share created	ShareName	--
16	Share broken	ShareName	--
17	Rename branch	OldName	NewName
20	Rename file	OldName	NewName
21	Rename repository	OldName	NewName
22	Destroy branch	BranchName	--
23	Destroy file	FileName	--
24	Destroy repository	RepoName	--
25	Branch type change	OldOwnerName	--
26	Branch owner change	OldOwnerName	NewOwnerName
27	Rollback rebase	BranchName	BranchVersion
28	Rollback promote	BranchName	BranchVersion
29	Rollback file	BranchName	BranchVersion
31	Change state	StateName	OldStateName
33	Attach to test case	TTProjectUUID	--
34	Attach to requirement	TTProjectUUID	--
35	Duplicate changes	BranchName	BranchVersion
36	Move file	FromPath	ToPath
37	Move repository	FromPath	ToPath
38	Attach to external	PluginUUID	--
39	Rollback change	(see AltType value)	(see AltType value)
40	Export repository to mainline	FromPath	ToPath
41	Share removed	ShareName	--

### AltInteger values

Event type	Event description	AltInteger1	AltInteger2	AltInteger3
2	Add to branch	BranchFileID	--	--
10	Remove	--	--	BranchID (if remove by rebase)
25	Branch type change	OldBranchType	NewBranchType	--
27	Rollback rebase	RollbackAction	--	--
28	Rollback promote	RollbackAction	--	--
31	Change state	StateID	OldStateID	ChangeType

<b>Event type</b>	<b>Event description</b>	<b>AltInteger1</b>	<b>AltInteger2</b>	<b>AltInteger3</b>
35	Duplicate changes	--	--	BranchID
36	Move file	OldParentRepoID	NewParentRepoID	BranchID (if promote/rebase)
37	Move repository	OldParentRepoID	NewParentRepoID	BranchID (if promote/rebase)
39	Rollback change	(see AltType value)	(see AltType value)	(see AltType value)