

1. 2.7 Release Notes ..... 2

1.1 Tasktop Sync Release Notes - 2.7.4 ..... 3

1.2 Tasktop Sync Release Notes - 2.7.2 ..... 4

1.3 Tasktop Sync Release Notes - 2.7.1 ..... 5

1.4 Tasktop Sync Release Notes - 2.7.0 ..... 6

## 2.7 Release Notes

- [Tasktop Sync Release Notes - 2.7.4](#)
- [Tasktop Sync Release Notes - 2.7.2](#)
- [Tasktop Sync Release Notes - 2.7.1](#)
- [Tasktop Sync Release Notes - 2.7.0](#)

# Tasktop Sync Release Notes - 2.7.4

## Version: 2.7.4

### Fixes:

- 22440: Fixes a problem with a large error queue causing synchronizations to be slow and making UI not responsive.

### Features:

- 22399: Fixes a problem with attachment file names. The path component of an attachment's name is now not synchronized.

# Tasktop Sync Release Notes - 2.7.2

## Version: 2.7.2

### Fixes:

- 22032: Attribute mapping page now only shows attribute for the item type of the current repository.
- 22085: Fixed a problem where some errors would stay in the error queue after being resolved.
- 22185: Fixes issue in IBM RTC connector migration tool.
- 22219: Fixes a problem where date parsing errors can cause tasks not become unusable for Tasktop Sync.
- 22227: Fixes a problem where an RTC query with large result sets causes an out of memory error.
- 22236: Fixes date parsing errors on non-english locales.
- 22242: Fixed task URL parsing in TFS connector, for TFS 2008
- 22340: RTC SDK connector now supports deprecated string-based multi-select on RTC 4.x

### Features:

- 22165: Fixes a problem where an archived IBM RTC user can cause submission problems.
- 22171: Removes unused IBM RTC dependencies from Tasktop Sync.

# Tasktop Sync Release Notes - 2.7.1

## Version: 2.7.1

### Fixes:

- 21796: Fixes a problem where submitting a user attribute to a case-insensitive RTC server can cause it not to be saved if the case doesn't exactly match the userID.

# Tasktop Sync Release Notes - 2.7.0

## Version: 2.7.0

### Fixes:

- 15789: Mapping editor preserves selection after save.
- 16114: Fixes a problem where large attachments can cause out of memory errors.
- 18003: When submitting a change to a task that is currently being edited by another user, the submission will go into pending and will resubmit until it is successful.
- 18501: HP QC/ALM connector provides better error messages in cases QC returns HTML error response.
- 18733: Added validation for duplicate email addresses in configuration file.
- 19031: Improved Tasktop Sync startup time.
- 19306: Improved QC comment parsing.
- 19480: Fixed issue with dropdown arrows being cut off in the mapping editor.
- 19647: Ensures that HP QC/ALM does not post and process empty comments.
- 19828: Fixed Tasktop Sync Studio to support attribute mappings that have "ignore" strategy on both sides of the mapping.
- 19855: Fixed issue with some jobs not completing correctly during the shutdown process.
- 19991: HP ALM and HP QC connector improved their ability to detect mid-air collisions when submitting task changes. This now works even with a high rate (eg. under a second).
- 20021: RTC properly reports an error in case of an invalid person mapping. This error is propagated to Sync to put the item into error state.
- 20039: Fix initialization file to use default data directory for Windows service installs.
- 20050: Added validation to the Overview page to prevent users from entering duplicate email addresses.
- 20119: Fixed conflict detection to prevent potential false positives on rich text attributes.
- 20136: Improved task URL resolution by not querying connectors with URLs that don't belong to that connector.
- 20157: HP ALM configuration update is very slow when many releases and cycles are present in the server configuration.
- 20236: Opening a TFS 2008 or 2012 task in the browser does not work. Users cannot create links to TFS 2008 and 2012 tasks using the URLs used in the TFS web UI. The URL format used for Tasktop Sync proxy URLs varies depending on the TFS server version, which could cause problems when users upgrade their TFS server
- 20326: Fixes a problem where adding an RRC repository causes errors to occur in Tasktop Sync.
- 20427: Quickstart "select tasks" page shows repository label and URL instead of the connector label.
- 20466: The RRC connector properly identifies the types of attributes
- 20474: Improved Sync Studio performance when manually selecting large numbers of tasks for synchronization.
- 20585: Fixes an issue where tasks could potentially be matched with a mapping based on stale data.
- 20603: Fixes an issue that prevented additional settings controls from appearing in the repository setup wizard for HP QC / ALM.

- 20605: Improved user experience when dealing with Team Collections with spaces in their name.
- 20642: Fixed an NPE when using the mapping editor's details page.
- 20649: Fixed attachment synchronization error when target task has a zero byte attachment.
- 20764: Fixes a potential NullPointerException when opening the settings page of an old TFS repository without a username.
- 20770: Scripted casters/handlers no longer require the use of the "apply-always" attribute and it has been removed. The context.setSyncAgain() method should be used to indicate to Tasktop Sync whether the source attribute should be synchronized again. Additionally, the API of the context object passed in has been changed, and will only have the setSyncAgain() method.
- 20775: Fixed issue with Refresh Schema button sometimes staying disabled after a schema refresh completes.
- 20815: Changes submitted quickly to an HP Quality Center defect or requirement may not be recognized by Tasktop as the last modified time is only accurate to the second.
- 20837: Tasktop Sync can now limit the amount of synchronization activity retained in its history to manage disk usage.
- 20857: Fixed FileNotFoundException when loading branding images.
- 20871: Fixed error during shutdown when pending synchronizations are processed after database connection has been closed.
- 20952: Fixed a timing issue that could potentially result in a missed synchronization.
- 20973: Fixed a problem where special default values for date fields can cause TFS workitem submission failures.
- 21004: Changed attachment comparison logic to avoid comparing a source attachment with a zero byte target attachment.
- 21117: Improved network error handling in AGM login
- 21132: Fixed issue with process locking during shutdown.
- 21135: Fixed issue with pending synchronizations not being retried after a restart.
- 21137: Fixed an error where changes to artifacts in the error list could be missed if detected when the synchronizer is stopped or paused.
- 21143: Fixed issue with redundant task refreshes.
- 21144: Tasks that are filtered out from synchronization are now marked as synchronized to prevent repeated unnecessary processing.
- 21152: Fixed defect in parsing of date fields in RRC connector that was causing false incomings in the task list.
- 21183: User sees error logged when no SVN or TFS team provider is available when attempting to attach a commit trace to a Borland StarTeam requirement.
- 21188: Fixed issue with errors being retried on application startup when they shouldn't be.
- 21190: Fixes an issue that kept users from successfully submitting tasks in RRC 4.0.1
- 21192: Updating the repository configuration has no effect unless the user reconnects to the server or restarts the program.
- 21193: Changes submitted by Tasktop overwrite changes made on the server since the last time Tasktop refreshed the task.
- 21194: Custom fields that are created in the Starteam desktop client are not displayed in the task editor.
- 21202: Renamed date caster configuration elements.
- 21225: Modify error report file so that error reports optionally include repository schemas.
- 21260: Fixed the attribute mapping editor to properly display rich test caster configurations from the

configuration file.

- 21268: Attribute labels are correctly shown in the UI for all supported versions of RRC.
- 21273: Fixed an error in richtext transformation which could strip line breaks during translation.
- 21282: Removed unsupported connectors from the Quickstart menu.
- 21401: Fixes a potential NPE when a CA Vision repository is defined and sync is running.
- 21443: Updated FAQ on QC comments.
- 21497: Fixes a problem where using hundreds of TFS projects with many queries causes an OutOfMemoryError.
- 21514: Error creating a new HP QC 10 defect or requirement (using the native or remote client) when a release or cycle field is marked as a required field on the server.
- 21524: Fixes a problem where the Bug Tracker component's task editor does not display attributes.
- 21542: Application will freeze and throw an error when user enters a user ID in the format of domain\username when setting up a new Microsoft Team Foundation Server repository connection in the Sync Quick Start Wizard.
- 21544: Fixes cases where TFS URLs mistakenly got interpreted as CA Agile Vision / Product Vision URLs.
- 21545: Fixes problems (TFS client database errors) when multiple connections to one or more TFS repositories happened at the same time.
- 21549: Clarity supports various attribute types for the built-in attributes, including date fields, boolean fields and text fields.
- 21571: Clarity PPM connector ensures external task id is set in order to post or retrieve a task.
- 21580: IBM RRC connector has synchronized access to its config
- 21609: removed unnecessary exception throwing and logging
- 21613: IBM RRC connector only checks licenses when an RRC repository is in use
- 21646: Fixed a bug which caused OSLC search results to be empty.
- 21652: Fixed inconsistent use of decimals in the dashboard statistics.
- 21681: Fixed an error which prevented the "Launch Quickstart" hyperlink from displaying in the services view.
- 21682: Fixed an error in the Tasktop Sync uninstaller which prevented the uninstaller from running correctly.
- 21731: RRC connector returns clearer error message when task has been deleted
- 21747: When submitting a task, sometimes there are errors with overly long messages that display incorrectly in the task editor.
- 21750: Fixed the Task List context menu so it displays the Open Task Data action
- 21751: Fixed issue with configuration transformer dialog not displaying list of proposed changes.
- 21771: Removed full URLs from persisted repository configuration to better support server migration.
- 21773: setting the location factory moved from mingle connector constructor to mingle client manager constructor
- 21784: User can now create RRC requirements with almost all of the attributes available on the server.
- 21807: Improve clarity of error messages shown during schema generation.
- 21808: Fixed an error where Tasktop Sync could start when the filesystem is read-only.
- 21813: Fixed duplicate prompt to migrate database.
- 21814: Fixed missing replacement text in log message: CCRRTT000002007E General internal error {0}



- 21818: Fixed a bug to ensure that authentication error dialogs do not interfere with normal operation of Tasktop Sync.
- 21821: UserIDs with spaces are now supported in the RRC connector.
- 21822: Status, Boolean Fields, Start Date and Finish Date can be set on new tasks in CA Clarity.
- 21837: Include a workaround for a JVM bug in the provided XML parser which could corrupt persisted artifact data causing Tasktop Sync to fail to process some synchronizations.
- 21846: Fixes a problem where RRC calls time out due to too many open connections.
- 21849: Connector provides detailed error messages from the server when creating or submitting invalid tasks.
- 21854: Fixes a problem where queries in TFS are not sorted.
- 21872: Fixes a problem where the dialog for creating a TFS 2008 connection requires a team collection to be entered (even though TFS 2008 does not support team collections).
- 21882: Ensure that the uninstaller removes all installed files in SLES 11.
- 21889: Increased performance and lower memory footprint for HP ALM and CA Clarity PPM connector.
- 21895: User can successfully sync comments from QC to custom HTML field in TFS and back
- 21925: HTML ids in the help documentation for log messages should be based exclusively on the error code
- 21926: User can successfully run an RRC query that existed before installing latest the sync version.
- 21934: Ensure errors related to database initialization are not reported multiple times.
- 21935: Lower memory footprint when reading configuration model.
- 21943: Fixes an issue where all project names in the TFS query page are displayed as if one or more projects do not have workItems defined.
- 21952: Fixed a bug in richtext transformation which can cause a redundant synchronization to appear in the artifact's history in its repository.
- 21960: When a user tries to submit a Test task for a versioned project in HP ALM 11 or higher and encounters a mid-air collision, the user is unable to submit even after refreshing and synchronizing the task.
- 21969: Fixes a problem where user sees an NPE instead of a log message for processing unknown RTC users.
- 21981: Fixes a defect where submitting a comment blob field to QC causes parsing failures even though comment synchronization is turned off.
- 22018: Exception caused when opening a Microsoft Team Foundation Server task in the task editor due to an error parsing the repository URL.

#### Features:

- 15160: For HP ALM/QC repositories the auto-comment-user will be used for comments with no parsed authors instead of defaultCommentUser. Configurations will be automatically migrated to remove the defaultCommentUser property.
- 19671: Tasktop Sync web UI complies with VPAT 1194.22a: alt text provided for images.
- 19689: Tasktop Sync web UI complies with WCAG 3.1.2: the human language of each passage or phrase in the content can be programmatically determined.
- 19690: Tasktop Sync web UI complies with WCAG 2.4.6: headings and labels describe topic or purpose.
- 19691: Tasktop Sync web UI complies with WCAG 3.1.1: the default human language of a page can be programmatically identified.

- 19692: Tasktop Sync web UI complies with WCAG 3.3.1: item that is in error is described to the user in text.
- 19794: Atlassian JIRA, Borland StarTeam, IBM RTC and Microsoft TFS repositories use the project property to declare the project participating in the task mapping. Configurations will be automatically migrated to replace repository-specific properties with the standard property.
- 20753: The active queue and the error queue in the Tasktop Sync Dashboard are now searchable. Additionally, the error queue may be sorted by column.
- 21506: A complete list of error codes and corresponding message, explanation and user actions are available in the help documentation.
- 21515: Atlassian JIRA repository must use the proxyStorageAttribute property. Proxy information will be stored in a field declared in the property. The proxyStorageAttributelsSparse property must be set to 'true'. Configurations will be automatically migrated to replace the associationsFieldId property with the proxyStorageAttribute property and to set the proxyStorageAttributelsSparse property.
- 21663: Microsoft TFS repository must use the proxyStorageAttribute property. Proxy information will be stored in a field declared in the property.
- 21905: Tasktop Sync no longer requires custom JIRA fields to be declared in a task mapping configuration. Custom fields must be marked as sparse in attribtue mappings. Configurations will be automatically migrated.