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4.10 Release Notes

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Tasktop Sync Release Notes - 4.10.16

Upgrade Notes

Sync Upgrade Notes

- 80724: Configuration of Apache commons-logging via command line is no longer available. Customers can use log4j.xml for this purpose.

Fixes

Sync Fixes

- 80341: Modified the Support and Usage Report creation process to eliminate certain information from user-generated reports.

Tasktop Sync Release Notes - 4.10.15

Features

- 80341: Includes support bundle improvements.

Tasktop Sync Release Notes - 4.10.14

Fixes

Connector-Specific Fixes

VersionOne

- 77713: Fixed an issue with the VersionOne connector where it was unable to support the VersionOne On-Demand Fall 2017 Update.

Tasktop Sync Release Notes - 4.10.13

Fixes

Connector-Specific Fixes

Jama

- 74605: Fixed a Jama bug that caused some artifact types to be missing when using a SOAP version.

Tasktop Sync Release Notes - 4.10.12

Fixes

Connector-Specific Fixes

Atlassian JIRA

- 71414: Fixed an issue which would cause errors when processing rich text if there were newlines between square brackets.

Tasktop Sync Release Notes - 4.10.11

Fixes

Connector-Specific Fixes

IBM Rational Team Concert

- 72766: Fixed an issue where creating an attachment caused artifact links to be removed.
- 72453: Fixed an issue where ModifiedDate was updated in IBM RTC even though the artifact had not changed.

Tasktop Sync Release Notes - 4.10.10

No release for Tasktop Sync 4.10.10

Tasktop Sync Release Notes - 4.10.9

Fixes

Sync Fixes

- 70838: Fixed an issue where some attributes may not be synchronized during proxy creation if the source task had been previously discarded or marked as synchronized.

Features

ServiceNow Service Desk

- 68517: Supports workflow fields as read-only single selects.

Tasktop Sync Release Notes - 4.10.8

Fixes

Connector-Specific Fixes

IBM Rational ClearQuest

- 66945: Fixed an issue where dependent fields would not be updated in ClearQuest.

ServiceNow Service Desk

- 68910: Fixed an issue in ServiceNow where users with the same username would cause an error.

Tasktop Sync Release Notes - 4.10.7

Fixes

Connector-Specific Fixes

ServiceNow Service Desk

- 68257: Users can now map 'State', 'Problem State', and 'Incident State' fields for Problems and Incidents.
- 68251: Fixed an issue in ServiceNow Service Desk where specific queries would fail to validate.

Tasktop Sync Release Notes - 4.10.6

Fixes

Connector-Specific Fixes

HP ALM

- 66043: Fixed an HP ALM issue where plain text was losing formatting.

ServiceNow Service Desk

- 67113: Fixed a ServiceNow Service Desk issue where search-by-type was retrieving too many artifacts.
- 66961: Fixed an issue with encountering duplicate options in ServiceNow Service Desk.

Tasktop Sync Release Notes - 4.10.5

Upgrade Notes

Connector-Specific Upgrade Notes

Taucraft Targetprocess

- 66829: Upon upgrade, this change will trigger a full synchronization for customers due to a change in calculating revisions.

Fixes

Connector-Specific Fixes

ServiceNow Service Desk

- 67113: Fixed a Service Desk issue where search-by-type was retrieving too many artifacts.

Tasktop Sync Release Notes - 4.10.4

Fixes

Connector-Specific Fixes

IBM Rational Team Concert

- 66729: Fixed an issue where the RTC connector did not remove all links from artifact link fields.

Tasktop Sync Release Notes - 4.10.3

Fixes

Connector-Specific Fixes

Microsoft Team Foundation Server

- 66203: Fixed an issue that caused frequent "Connection factory has been shutdown" errors from Microsoft Team Foundation Server.

Features

HP ALM

- 65868: Added support for the Test field Requirement Coverage.

Tasktop Sync Release Notes - 4.10.2

Fixes

Connector-Specific Fixes

Jama

- 66061: Fixed an issue where listing deleted folders threw an ArtifactNotFoundException instead of ContainerNotFoundException.

Microsoft Project Server

- 65735: Fixed an issue where Microsoft Project Server connector could not search for nested artifacts by formatted id.

Microsoft Team Foundation Server

- 66166: Fixed an issue in Microsoft Team Foundation Server connector that prevented schema migration when upgrading to new version.

Planview

- 66146: Fixed an issue in Planview connector where a database query was missing a schema reference.

Rally

- 66062: Improved error handling when retrieving an artifact associated with a deleted user.

ServiceNow Service Desk

- 66311: Fixed an issue where items with attachments were constantly being synchronized without being changed.

Tricentis Tosca

- 66042: Fixed an issue where an error was thrown when updating Tosca Execution Entries under folders.

VersionOne

- 63612: Fixed a problem where some requests to retrieve artifacts with long URLs caused errors due to length.

Tasktop Sync Release Notes - 4.10.1

Upgrade Notes

Connector-Specific Upgrade Notes

Atlassian JIRA

- 64358: Any existing custom text field in JIRA that is mapped to a RichText field in a collection will have to be re-mapped.

VersionOne

- 61047: Customers integrating VersionOne may experience one time synchronization of all artifacts.

Fixes

Sync Fixes

- 64905: Fixed an issue where Sync chose the wrong project when JIRA key was used as a project name for another project.

Connector-Specific Fixes

Atlassian JIRA

- 65809: Fixed an issue where the comment field was not available as a JIRA transition attribute when there were no other fields.
- 64358: Fixed an issue causing errors when wiki-style renderer is treated as plain text for text fields mapped to rich text fields.

HP ALM

- 64230: Fixed an issue where incorrect number of requirements could cause folder corruption.

IBM Rational Team Concert

- 59242: Fixed an issue where a "Cannot handle RDF resource values" error was received upon artifact retrieval.

Salesforce

- 65703: Fixed an issue where expired session was not re-authenticated.
- 62302: Fixed a problem where Salesforce Objects retrieval fails due to "statements cannot query more than 20 different child types." error.

Tricentis Tosca

- 65705: Fixed an issue where Tosca Execution Entries could not retrieve the associated Execution List if nested within a folder.

VersionOne

- 61047: Fixed an issue where artifacts synchronized endlessly.

Tasktop Sync Release Notes - 4.10.0

Upgrade Notes

Upgrading from the Previous Version of Sync

- Tasktop Sync has a new install wizard which will prompt all necessary configuration during install.

Connector-Specific Upgrade Notes

- HPE ALM (SDK)
 - The Linked Test Runs field was once populated but has not been populated since support for linked Test Runs was added in the Linked Entities field. The Linked Test Runs field has now been removed. Customers who had previously mapped the Linked Test Runs field will need to add the Linked Entities field to mappings that don't already include it.
 - Mappings for tests and test sets that include the Subject (TS_SUBJECT) or the Test Set Folder (CY_FOLDER_ID) attributes will need to be remapped if the mapping relied on the name of the Subject or Test Set Folder.
- Rational Doors NextGen
 - Schema refresh is required for all Rational Doors NextGen repositories.
- iRise
 - Schema refresh is required for all iRise repositories.
- Jama
 - Schema refresh is required for all Jama repositories.
- Leankit
 - Schema refresh is required for all Leankit repositories in order to get the renamed field labels.
- Microsoft Team Foundation Server (SDK)
 - Schema refresh is required for all TFS repositories in order to get all the available options to show up.
 - No migration is required for customers having previous artifacts synced from an on-demand server. Where the Location field is included in a mapping, proxy artifacts may be unexpectedly updated when non-mapped TFS field values are updated. A TFS artifact's Location field will not update to the correct URI until changes are detected in the TFS artifact.
- Rally (SDK)
 - Some HTML fields have been changed to plain text fields. After refreshing repository schema field values will not be rendered as HTML as they were previously. Mappings may need to be updated.
 - Any customer upgrading from 4.7.1 and higher and has used the project scoped query with an "owner" choice populated, will have to recreate this query. This will not affect customers upgrading from earlier than 4.7.1
- ServiceNow Service Desk
 - Fields referencing the User (sys_user), User Groups (sys_user_group), and Configuration Item (cmdb_ci) tables now have "Fast Reference Field Support" enabled by default. This means that integrations relying on explicit internal value mappings for the options of

these fields may continue to work but will not provide labels or be editable. To restore full support (and value mapping capability) for these fields ensure that their field names (not labels) are explicitly added to the 'Full Reference Field Support' list in the repository settings.

System Requirements

Supported Operating Systems

Tasktop Sync is supported on the following operating systems and versions.

- Windows Server 2012
- Windows Server 2008
- Windows Server 2007
- Red Hat Enterprise Linux 5, 6 & 7 (GTK2 and X Windows required)
- SUSE Linux Enterprise Server 11 (GTK2 and X Windows required)

Java Runtime Environment

Tasktop Sync is packaged with a JRE and there is no need to install a JRE separately. Tasktop Sync uses Oracle Java 1.8.0-u91.

Networking

Tasktop Sync requires an IPv6 or IPv4 network to access target ALM repositories. Access to some repositories is limited to IPv4, so please check the Tasktop Sync documentation specific to the repositories to be synchronized prior to configuring the network.

Tasktop Sync should be located on the same network (or very nearby) to the target ALM repositories in order to minimize latency between servers. Recommended network throughput is 100Mbps with a latency of less than 50ms. When synchronizing large attachments (i.e., sizes > 20MB) greater throughput may be desired.

Hardware Sizing for Deployment Scenarios

The following hardware is recommended for three sample Tasktop Sync deployment scenarios.

Disk space is primarily used for caching and storing transient data that can be used to enhance the synchronization process. The amount of disk space needed is proportional to the size of the collection of artifacts that are being synchronized.

Processor sizes below are based on the equivalent to a 2007 Opteron or 2007 Xeon processor.

Small Deployment

A deployment with one Sync Mapping managing up to 20,000 ALM artifacts and up to 200 active users.

- 4 GB system memory
- 1 GHz processor, 2 cores
- 30 GB free disk space

Small deployment system sizing is roughly equivalent to an EC2 M3 Medium Instance.

Medium Deployment

A deployment with several Sync Mappings managing up to 100,000 ALM artifacts and up to 1,000 active users.

- 6 GB system memory
- 2 GHz processor, 2 cores
- 50 GB free disk space

Medium deployment system sizing is roughly equivalent to an EC2 M3 Large Instance.

Large Deployment

A deployment with many Sync Mappings involving many ALM repositories and managing 200,000 + ALM artifacts and over 1,000 active users.

- 8 GB system memory
- (2) 3 GHz processors, 4 cores
- 100 GB free disk space

Large deployment system sizing is roughly equivalent to an EC2 M3 Large or M3 Extra Large Instance.

Fixes

Sync Fixes

- 64433: Handling PersonNotFoundException during synchronizations, allowing synchronization to continue.
- 63203: Now correctly matching comments when the comment header contains a non-breaking space.
- 59300: Fixed an issue where email notifications could not be configured.
- 58341: Fixed an issue where an attribute in both an 'always' attribute mapping and a scripted attribute handler always executed the script, regardless of whether it changed.
- 58302: Fixed an issue where Tasktop Sync freezes when sending error email.

Features

Atlassian JIRA

- 62026: Cycle field was changed from a ValueWithLabel field to an ArtifactLink field
- 61907: Added support for JIRA Zephyr Test Cycle as an artifact type.
- 51339: Custom URL field added to JIRA connector

General

- 61345: Added patent information to Tasktop Sync

IBM Rational ClearQuest

- 31177: Introduced state transition support for IBM ClearQuest

Jama

- 62101: Version field added to Jama connector.

ServiceNow Service Desk

- 57110: Optional feature posting comments to ServiceNow Activity Stream added

Tricentis Tosca

- 63322: Execution List is supported as an artifact type
- 62223: Support for Execution Entry as an artifact type
- 61921: Support added for Test Case artifact type.