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4.9 Release Notes

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Tasktop Sync Release Notes - 4.9.16

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 - 4.9.15

No release for Tasktop Sync 4.9.15

Tasktop Sync Release Notes - 4.9.14

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.

Tasktop Sync Release Notes - 4.9.13

Fixes

Connector-Specific Fixes

HP ALM

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

Tasktop Sync Release Notes - 4.9.12

Fixes

Connector-Specific Fixes

Atlassian JIRA

- 62500: Atlassian JIRA's HTML to Confluence conversion can now handle lists within tables.

Tasktop Sync Release Notes - 4.9.11

Fixes

Connector-Specific Fixes

IBM Rational Team Concert

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

Tasktop Sync Release Notes - 4.9.10

Fixes

Connector-Specific Fixes

Salesforce

- 62302: Fixed a problem where Salesforce Objects failed to retrieve with a child object message.

Tasktop Sync Release Notes - 4.9.9

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

HP ALM

- 64625: Fixed an issue where linked entities could not be updated.

Jama

- 64400: Fixed an error that would occur when Sets have the exact same lastActivityDate.
- 64116: Fixed a problem where updating a field value can overwrite another field's value in Jama.

Microsoft Team Foundation Server

- 62203: Fixed an issue where attachments could not be retrieved.

Tasktop Sync Release Notes - 4.9.8

Upgrade Notes

Connector-Specific Upgrade Notes

HP ALM

- 62002: Integrations mapping single and multi select fields using label may need to remap the fields. The affected fields are of Lookup list type and have at least one sub-item in available options.

Tricentis Tosca

- 63967: Customers using containers for Tosca will need to update their routings to use containers with the new labels.

Fixes

Sync Fixes

- 64433: Handling PersonNotFoundException during synchronizations, allowing synchronization to continue.

Connector-Specific Fixes

Atlassian JIRA

- 63820: Fixed an issue where the JIRA connector did not return a valid label for single select options in closed issues
- 63602: Fixed an issue retrieving sprint value when multiple sprint fields are defined in Atlassian JIRA.

HP ALM

- 64120: Fixed an issue where expired sessions are not re-authenticated.
- 62002: Fixed an issue where the root elements of Lookup list fields with sub-items were not available.

IBM Rational Team Concert

- 64200: Fixed an issue where RTC changesets were not synchronized properly.
- 62300: Fixed an issue where location contains an extra /.

Jama

- 64112: Fixed an issue with reading error messages from Jama.

Rally

- 63819: Fixed an issue where network errors from CA Agile Central were not automatically retried.

Tricentis Tosca

- 63967: Fixed an issue where listed containers did not show up as they do in the Tosca UI, Tosca containers are now listed with leading '/'

Features

General

- 61345: Added patent information to Tasktop Sync.

Tasktop Sync Release Notes - 4.9.7

Fixes

Sync Fixes

- 63203: Now correctly matching comments when the comment header contains a non-breaking space.
- 63381: Logging of successful operation metrics is only available in TRACE log level.

Connector-Specific Fixes

HP ALM

- 63204: Fixed an issue where UI field text wrapping was inserting false line breaks.
- 61701: Fixed an issue in HPE ALM where an error would occur retrieving a list of test folders while test folders are being created or removed on the server.

Tasktop Sync Release Notes - 4.9.6

Fixes

Connector-Specific Fixes

HP ALM

- 61701: Fixed an issue in HPE ALM where an error would occur retrieving a list of test folders while test folders are being created or removed on the server.
- 61700: Improved performance when retrieving test folders and test set folders.
- 58915: Fixed an issue where HP ALM parent link was allowed to be set to an invalid value.

Tasktop Sync Release Notes - 4.9.5

Fixes

Connector-Specific Fixes

CA Clarity PPM

- 61561: Fixed an issue where CA PPM timed out trying to retrieve product options.

Features

IBM Rational ClearQuest

- 31177: Introduced state transition support for IBM ClearQuest.

Tasktop Sync Release Notes - 4.9.4

Fixes

Connector-Specific Fixes

Atlassian JIRA

- 61458: Fixed an issue so that the Atlassian JIRA connector's person search is no longer too broad for some JIRA configurations involving LDAP.

Tasktop Sync Release Notes - 4.9.3

Upgrade Notes

Connector-Specific Upgrade Notes

Rally

- 61441: Routing for CA Central Agile is now done with projects directly, not workspaces. Collections will need to be re-created and corresponding integrations updated.

Fixes

Connector-Specific Fixes

Rally

- 61441: To improve Tasktop performance, CA Central Agile collections are scoped by project and not an entire workspace.

Tasktop Sync Release Notes - 4.9.2

Fixes

Connector-Specific Fixes

Atlassian JIRA

- 59505: Fixed error that occurred during JIRA authentication.

Tasktop Sync Release Notes - 4.9.1

Upgrade Notes

Connector-Specific Upgrade Notes

Jama

- 54138: For the most recent fixes to Jama rich text processing, any configurations mapping a Jama rich text field using HTML as the markup language should be changed to use Jama HTML instead.

Fixes

Sync Fixes

- 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.

Connector-Specific Fixes

IBM Rational DOORS

- 58810: Fixed an issue where dates in German language setting cannot be retrieved.

Jama

- 54138: Fixed an issue with synchronizing lists in rich text fields in Jama.

Rally

- 59429: Fixed an issue where some CA Agile Central single/multi select fields did not have all options available.

ServiceNow Service Desk

- 60208: Fixed issue with duplicate tables in ServiceNow Service Desk.

Tasktop Sync Release Notes - 4.9.0

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.

CA Clarity PPM

- 52745: The NSQL for Tasktop_GetResources has been updated and can be retrieved from the help documentation. Users will need to update their server with the updated Tasktop_GetResources NSQL and might need to refresh the schema.

Microsoft Project Server

- 40885: Sync configurations using the Microsoft Project Server Connector no longer need to restrict worker-threads to 1.

Microsoft Team Foundation Server

- 51491: The required version of Team Foundation Server SDK for Java has changed from 12.0.2 to 14.0.2.

Rally

- 57509: CA Agile Central Collections in Tasktop Integration Hub need to be re-created to accommodate improvements in Workspace/Project containment support. Duplicated Workspaces in the Project selection dialog is a symptom of an outdated CA Agile Central Collection.
- 52223: 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.

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

- 56907: Fixed examples and updated Tasktop Sync help documentation for external value mappings.
- 56023: Fixed an issue where some errored contexts which have fallen out of scope may be requeued without a warning that they will not be immediately retried.
- 55400: Fixed an issue where script validation caused performance issues in Sync Studio UI.
- 55318: Fixed an exception that happened in filtered task link synchronizing when a linked task falls out of task mapping scope.
- 55200: Fix an issue in the Error Report where the wrong logs would get downloaded
- 54752: Users can now import a new license during the Post Installation wizard
- 54502: Resolved an issue caused by a missing task id in the database during post installation schema migration.
- 54009: Resolved issue migrating old, invalid tasks during post installation.
- 53626: Changes made by chained transitions are ignored before the final transition.
- 52621: Fixed an issue where Tasktop Sync was unable to sync an item to another system when the comment was too long.
- 52518: Fixed an issue causing status transition caster errors during proxy creation for connectors which have the status field on the creation scheme.
- 52486: Fixed an issue where filtered task link synchronization was not filtering links to non-mapped tasks.
- 51516: The Tasktop Sync Web UI now correctly displays the state of the comment synchronization as it is seen in the Tasktop Sync studio.

- 48959: The Tasktop Sync Web UI now displays all configuration elements for template-based task mappings.
- 43335: Fixed an issue where users using older browsers would be unable to create OSLC task link using the Tasktop OSLC adapter.

Connector-Specific Fixes

Atlassian JIRA

- 58217: Fixed an issue where retrieving an artifact with Jira Enhancer Plugin's date field caused an error.
- 58109: Fixed an issue in the Jira connector that prevented artifact link update
- 56022: Fixed a problem when retrieving a Jira artifact with unsupported writeable fields.
- 54969: Fixed the retrieval of attachments from Atlassian JIRA OnDemand.
- 54810: Improved error handling when Atlassian JIRA user has insufficient permissions.
- 53731: Fixed an issue where the JIRA connector did not retrieve single select options for a closed issue.
- 53506: Improved Atlassian JIRA connector's awareness of the `jira.text.field.character.limit` advanced JIRA system property.

Blueprint

- 50009: Fixed an issue that kept non validated number fields from being synchronized.

HP ALM

- 56807: Fixed an issue where link retrieval failed on changing total number of records.
- 55319: Fixed an issue where HPE ALM Test Sets would display an incorrect location.
- 54427: Fixed an issue where data integrations would take a long time processing artifacts with a complex folder structure.
- 54701: Fixed an issue in HP ALM connector where some URL attachment based web links would display missing or incorrect URLs.
- 54316: Fixed an issue in the HP ALM connector where sometimes attachments were incorrectly being treated as web links.
- 53503: Fixed an issue with incorrect links when artifacts have the same ID.
- 53454: Fixed an issue where Test Configuration parent Tests were not being checked out.
- 53137: Fixed an issue where comments with no header couldn't be retrieved.

HPE ALM Octane

- 54318: Fixed an issue where upgrading to the newest version would cause errors.

Jama

- 55812: Fixed an issue where Jama items without names could not be retrieved.
- 54761: Fixed an issue where some server-side exceptions were being reported with confusing messages.

- 54423: Fixed an issue where the Jama connector failed to update relationships on locked artifacts.
- 53755: Fixed an issue where locked items were causing all items being synchronized to go into pending state
- 53326: Fixed an issue where item types that contained fields already on the Core type could not be synchronized.

Leankit

- 55335: Fixed an issue where Planned Start and Planned End date fields couldn't have the same day value.
- 53814: Fixed handling of LeanKit repositories that don't support custom fields.

Microsoft Project Server

- 55600: Fixed an issue where a 'ProjectHasWriteLock' error prevented synchronization in Microsoft Project Server

Microsoft Team Foundation Server

- 53118: Fixed memory consumption issues with the TFS SDK.
- 51491: Fixed an issue where date based favorite queries return no result.

Planview

- 53810: Fixed an issue where Effort fields could not be retrieved.

Rally

- 53004: Fixed an issue in Portfolio Item in CA Agile Central that affected subtask creation.
- 52414: The Index field of CA Agile Central Task artifacts is no longer required, defaults to zero, and is hidden in the application.
- 52223: Fields in CA Agile Central that can contain HTML but are not always displayed in the UI as HTML are now represented as plain text fields.
- 50314: Fixed an error sometimes seen when synchronizing newly created artifacts with parent child links.

Serena Business Manager

- 55502: Fixed an issue where the Task-Link-To-Web-Link caster caused a null pointer exception when retrieving a Key from the related item.
- 54959: Fixed an issue where Serena Business Manager custom field of type Single Relation with a value reported no value.

Taucraft Targetprocess

- 56016: Fixed an issue where Money custom fields caused an error.
- 55905: Fixed an issue where the "Query by Team" search could not be set up in Taucraft Targetprocess.
- 55343: Fixed an issue where URI fields in Taucraft Targetprocess could not be synchronized.

- 55342: Fixed an issue in which TargetProcess would fail to retrieve attachments that had missing or empty descriptions.

ThoughtWorks Mingle

- 56812: Fixed an issue where duplicate comments were being returned when using the connector with the latest version of Mingle on demand.

Tricentis Tosca

- 52498: Tosca custom string fields support line breaks.
- 49537: Fixed an issue causing poor performance when querying Tosca.

VersionOne

- 56722: Fixed an issue where the PlannedEnd and PlannedStart fields weren't in the schema.

iRise

- 54224: Fixed an issue where retrieving comments on iRise caused an error.

Features

Atlassian JIRA

- 56164: Added support for JIRA nFeed plugin fields
- 55024: Added USERNAME person field support.

GitHub Issues

- 53362: Added support for mapping person fields by properties such as email, display name and user name

IBM Rational Requirements Composer

- 52783: Allowed for person attributes to be mapped using person-fields (e.g. Email, User ID, User Name)

IBM Rational Team Concert

- 52763: * RTC Change Sets are now viewable in Tasktop products
- The "Change Set (Remote)" field can be used to write change set links from an external source

Leankit

- 56169: LeanKit connector now sends a 'User-Agent' header with value 'Tasktop LeanKit Connector' in all requests.

Rally

- 57509: The CA Agile Central connector now treats Workspace as a top-level Project and allows artifacts to move across projects.
- 56207: Added Changeset support for CA Agile Central
- 52731: Summary and formatted id for linked tasks are now shown in the task editor.

Serena Business Manager

- 30043: Serena Business Manager connector supports person attribute mapping other than person ID.

Serena Dimensions RM

- 56147: Improved support for Category container.

ThoughtWorks Mingle

- 19581: Added a new search type based on project and type.

Tricentis Tosca

- 56104: Improved support for Requirement Set, Execution List, and Folder containers.
- 52740: Tosca connector branding updated