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17.2 Release Notes

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Tasktop Release Notes - 17.2.19

Posted: July 24, 2018

- Fixes
 - Tasktop Integration Hub Fixes
 - Repositories

Fixes

Tasktop Integration Hub Fixes

Repositories

- 85609: To prevent errors after changes made to 'Script (HTTP Cookies)' repository authentication method, Keycloak windows installer now also creates authentication scripts by default.

Tasktop Release Notes - 17.2.18

Posted: July 12, 2018

- Upgrade Notes
 - Tasktop Integration Hub Upgrade Notes
 - Repositories
- Fixes
 - Tasktop Integration Hub Fixes
 - Repositories

Upgrade Notes

Tasktop Integration Hub Upgrade Notes

Repositories

- 83843: Existing repositories using 'Script (HTTP cookies)' authentication method will continue to work normally. However, if changes need to be made to existing repository configuration, users will need to follow the new process of placing the script in the designated directory.

Fixes

Tasktop Integration Hub Fixes

Repositories

- 83843: For increased security, the 'Script (HTTP Cookies)' repository authentication method now allows the user to select the cookie script from a list, rather than being uploaded via the UI.

Tasktop Release Notes - 17.2.17

Posted: May 29, 2018

- [Features](#)
 - [Authenticators](#)
 - [Settings](#)

Features

Authenticators

- 80631: Includes back-end improvements to facilitate connector defect fixes.

Settings

- 83246: Includes recommended security updates.

Tasktop Release Notes - 17.2.16

Fixes

Tasktop Integration Hub Fixes

- 80341: Fixed an issue whereby certain information not designated for inclusion in Support and Usage Reports was included in user-generated Support and Usage Reports. Modified the Support and Usage Report creation process to eliminate certain information from user-generated reports.
- 80576: Includes support bundle improvements.
- 80569: Apache Commons logging configured with system properties will be overridden by the Log4j configuration.

Features

Repositories

- 80343: 'tasktop' is no longer a valid repository password.

Tasktop Release Notes - 17.2.15

Features

- 80341: Includes support bundle improvements.

Tasktop Release Notes - 17.2.14

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 Release Notes - 17.2.13

Fixes

Connector-Specific Fixes

Jama

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

Tasktop Release Notes - 17.2.12

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 Release Notes - 17.2.11

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 Release Notes - 17.2.10

Fixes

Tasktop Integration Hub Fixes

- 71339: Fixed an issue which could cause Rally comments to be duplicated after upgrading Tasktop.
- 71285: Fixed an issue that caused the first value to be selected as the default when mapping field options.
- 71251: Fixed an issue where person tracking could disrupt artifact processing.

Tasktop Release Notes - 17.2.9

Features

ServiceNow Service Desk

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

Tasktop Release Notes - 17.2.8

Fixes

Tasktop Integration Hub Fixes

- 69067: Fixed an issue where processing activity would not be filtered on the activity page.
- 68143: Fixed an issue where a user could not change transformation to none for person attributes.
- 68129: Fixed an invalid error message from a mapped single-select option.
- 67930: Fixed an issue that could prevent using a value transformation script on fields with dependencies.
- 66015: Fixed an issue where changing transformation cleared mapped options.

Connector-Specific Fixes

ServiceNow Service Desk

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

Features

Template: Synchronization

67527: Current activity can be filtered by running or stopped integrations.

Tasktop Release Notes - 17.2.7

Fixes

Tasktop Integration Hub Fixes

- 68720: Errors while creating an artifact won't be automatically retried.
- 68523: Fixed an issue which could create duplicate attachments when upgrading from 17.1 and synchronizing TFS with attachments.
- 66934: Fixed an issue where the Field Mapping page would not show a newly added field mapping if one of the fields was recently loaded using the Field Mapping Refresh button.

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 Release Notes - 17.2.6

Fixes

Tasktop Integration Hub Fixes

- 68011: Fixed an issue which could cause duplicate comments or attachments when synchronizing from Team Foundation Server after upgrading Tasktop Integration Hub.
- 67912: NotFoundException no longer appears in the Tasktop log for events that have completed successfully.
- 67536: Fixed an issue where PersonNotFoundException was being encountered on filtered artifacts.
- 66732: Fixed an issue preventing a user from saving a transformation mapping with an artifact transition script into a collection.
- 63804: Fixed an issue where integration could use non-flowing parent folder mapping rather than artifact routing.

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.

Features

Template: Synchronization

- 66986: User is able to resolve artifact and container links in value transformation scripts.

Tasktop Release Notes - 17.2.5

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

Tasktop Integration Hub Fixes

- 66733: No longer show errors in the UI when an event is waiting for a resource to be free.
- 66546: Fixed an issue which would occasionally cause relationships to not synchronize.
- 66416: Fixed an issue in RichText append transforms for Confluence markup that caused links to be duplicated.
- 66361: Fixed an issue that caused a temporary artifact-lock error to appear in the Activity UI.

Connector-Specific Fixes

HP ALM

- 66164: Fixed an issue where duplicate Test Runs were created.

ServiceNow Service Desk

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

Taucraft Targetprocess

- 66829: Fixed an issue where unchanged artifacts were continually processed.

Tasktop Release Notes - 17.2.4

Upgrade Notes

Tasktop Integration Hub Upgrade Notes

- 66195: Existing Person Reconciliation Scripts need to be updated to handle null values being passed into both mapPersonFromRepository and mapPersonToRepository.

Fixes

Tasktop Integration Hub Fixes

- 66968: Fixed an issue where changed model values would not be detected and synchronized.
- 66819: Fixed an issue that caused web links with duplicate urls to not be removed.
- 66195: Fixed an issue where a deleted person from a repository would cause an error when synchronizing with a person mapping script.

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 Release Notes - 17.2.3

Fixes

Tasktop Integration Hub Fixes

- 66526: Fixed an issue where comments could not synchronize due to an error from validation.

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 Release Notes - 17.2.2

Fixes

Tasktop Integration Hub Fixes

- 65709: Corrected a defect where synchronization failed if a person could not be found when synchronizing a single-value person field to a multi-value person field.
- 65005: Fixed an error when current and previous artifact links not from the same repository.
- 66335: Fixed an issue where migration could fail for TFS when master passwords were used.

Connector-Specific Fixes

HP ALM

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

Jama

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

Microsoft Project Server

- 65735: Fixes issue where MSPS connector could not search for nested artifacts by formatted id.

Microsoft Team Foundation Server

- 66166: Fixed an issue preventing schema migration in the product.

Planview

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

Rally

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

Tricentis Tosca

- 66042: Fixes 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 had URLs that were too long and caused errors.

Features

Scripting

- 65038: User can make HTTP requests from a script.

Template: Synchronization

- 65882: Previously existing associations for a newly created artifact are now removed.

Tasktop Release Notes - 17.2.1

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

Tasktop Integration Hub Fixes

- 65838: Fixed a defect where duplicate attachments could be created if a back synchronization failed during artifact creation.
- 65611: Fixed an issue causing "person not found" error when synchronizing between JIRA and HPE ALM.
- 65123: Fixed an issue where the configuration warning would not appear when an option was not mapped.
- 65030: Fixed an issue where the customer could not see the full model name in the landscape diagram.
- 64954: Fixed an issue where adding attachment HPE ALM to JIRA caused artifact to be processed repeatedly.
- 64438: Fixed an issue where Copyright year would display NaN instead of a year.

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.

Features

Activity & Issues

- 63368: User can choose to recreate a deleted paired artifact of a previously synchronized artifact pair in the errors view when a change for the still existing artifact has occurred.

General

- 64919: Access to the Integration landscape diagram can be restricted based on the license.

Tasktop Release Notes - 17.2.0

Upgrade Notes

Tasktop Integration Hub Upgrade Notes

- 62259: Users upgrading to Tasktop Integration Hub 17.2.0 or later must first upgrade to the latest version of Tasktop Integration Hub 17.1.x.

Connector-Specific Upgrade Notes

Atlassian JIRA

- 62026: Users will need to refresh their schema. If they had previously mapped the Cycle field, they will need to recreate their mappings that previously mapped Cycle to a single select and change them to map to an artifact link.
- 60804: Atlassian JIRA Sprint field has been changed and mappings using this field may need to be re-created.

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.
- 64279: Test Run collections currently mapping Parent Artifact field will need to remap the Parent Artifact field.
- 62367: Mappings that use the Test Set Folder field will need updating. This field was changed from being a Single Select type to being an Artifact Link type.

IBM Rational Team Concert

- 64200: After applying this patch, the following steps will be required. It's assumed that someone from Solutions will have to guide the customer through these steps.
- Force Hub to re-synchronize the artifacts in the relevant integration(s). One method for doing this is to open the Hub DB in a SQL client (e.g. Squirrel DB) and delete rows from the ARTIFACT_STATE table that correspond to artifacts in the problematic integration.
- After applying this change to the Hub DB, the artifact conflict policy must be set such that the source repository artifact's value dominates.

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.

Planview

- 61523: Parent fields for artifacts (Activity artifact: Phase field; Sub-activity artifact: Phase and Activity fields) have been removed from schema, in favor of parent-artifact task dependency fields.

Remove these fields from your mappings before restarting your integration, and ensure Activities and Sub-activities have the parent-artifact task dependency field mapped.

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.

Tricentis Tosca

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

System Requirements

Browsers

The following browsers are supported:

- Internet Explorer 11 or later
- Firefox 46.0.1 and up
- Chrome 50.0.2661.102 and up

Operating Systems

The following 64-bit operating systems and versions are supported:

- Windows 7 SP1
- Windows 10
- Windows Server 2008 R2 SP1
- Windows Server 2012 R2
- Windows Server 2012
- Windows Server 2016
- Red Hat Enterprise Linux 6.x
- Red Hat Enterprise Linux 7.x
- Ubuntu Linux 12.04 LTS
- Ubuntu Linux 14.04 LTS
- Ubuntu Linux 16.04 LTS
- SUSE Linux Enterprise Server 11.x
- SUSE Linux Enterprise Server 12.x

Java Runtime Environment

The JRE is included with no need to install a JRE separately.

Databases

The following databases and versions are supported for use in an Enterprise Reporting Integration:

- Microsoft SQL Server 2008 (including SP1, SP2, SP3, SP4)
- Microsoft SQL Server 2008 R2 (including SP1, SP2, SP3)
- Microsoft SQL Server 2012 (including SP1, SP2)
- Microsoft SQL Server 2014 (including SP1)
- Microsoft SQL Server 2016
- MySQL 5.5
- MySQL 5.6
- MySQL 5.7
- Oracle 11g
- Oracle 12c

Please note: A database is only required for the Enterprise Reporting Integration. A database is not otherwise required for running the Tasktop.

Hardware Sizing for Deployment Scenarios

Following are recommendations on sizing hardware and virtual machine capacity to meet the needs of typical deployment scenarios.

The Tasktop Integration Platform is a web application which runs centrally on a server. Users interact with it through a web browser from any computer that has network access to the server. These sizing recommendations apply to the server machine running the Tasktop Integration Platform.

These recommendations are guidelines intended to provide a starting point when deciding on hardware allocation for a specific deployment. We recommend monitoring system load including CPU usage, memory pressure and disk queue length and adjusting the system sizing accordingly.

For best results, the Tasktop Integration Platform should be deployed in an environment that has good network throughput and low latency to all repositories and databases involved in an integration.

Small Deployment

A deployment managing up to 20,000 ALM artifacts and up to 200 active users.

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

Small deployment system sizing is roughly equivalent to an EC2 T2 Medium instance.

Medium Deployment

A deployment managing up to 100,000 ALM artifacts and up to 1,000 active users.

- 8 GB system memory
- 3 GHz processor, 2 cores
- 150 GB free disk space

Medium deployment system sizing is roughly equivalent to an EC2 T2 Large Instance.

Large Deployment

A deployment managing many ALM repositories and 200,000+ ALM artifacts and over 2,000 active users.

- 8 GB system memory
- 2 × 3 GHz processors, 4 cores
- 250 GB free disk space

Large deployment system sizing is roughly equivalent to an EC2 M4 Large or M3 Large Instance.

Fixes

Tasktop Integration Hub Fixes

- 64359: Fixed an issue that resulted in an attachment being synchronized multiple times.
- 63635: User can create a value transformation script for the 'relationships' type
- 63634: Stack Overflow errors from scripts will report errors and events will not be lost
- 63601: The "Require Ssl" setting in the user management configuration is now set to "None" by default.
- 63583: Fixed an issue where model schema changes would cause errors when aggregating events.
- 63311: Filtered artifacts no longer can cause routing related errors.
- 62273: Added an error page when keycloak is not responding with help.
- 62111: Configure link on integration routing page links to correct conditional routing pair
- 62034: "Authentication state expired" issues are displayed only if they recur frequently.
- 62022: State transition scripts can now have JIRA labels on state transition.
- 62021: Fixed an issue where integration data can be deleted on startup during an upgrade if master passwords are used.
- 61589: Clarify invalid mapping message for removed fields.
- 61212: Fixed a problem connecting to Hub over SSL when using user management.
- 61108: Migration errors are removed automatically upon a successful migration.
- 61095: Conditional routing page displays full context of containers.
- 61058: Fixed an issue where migrating Past Activity with a delete repository would cause a migration error
- 60809: Successfully processed events no longer have errors in the activity view.

- 60526: Fixed an issue where conditional route is not re-applied when condition field changes.
- 60422: Hub cache is invalidated for model fields that accept new values if the value to be created isn't found in the target repository
- 60217: Integration routing page can handle many routes without crashing
- 59317: Fixed issue where removal of artifact was not recorded in Enterprise reporting integration when using container routing.
- 59248: Error message around migration failure improved to inform user that migration failed due to missing connector requirements
- 59218: Fixed a problem where user management would not stop when stopping Tasktop if the system default JRE is not Java 8.
- 58811: Not Mapped label does not appear beside fields which are mapped

Connector-Specific Fixes

Atlassian JIRA

- 65125: Fixed a bug where results from the wrong project query could be returned
- 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.
- 61458: Fixed an issue so that the Atlassian JIRA connector's person search is no longer too broad for some JIRA configurations involving LDAP.
- 59505: Fixed error that occurred during JIRA authentication.

CA Clarity PPM

- 61561: Fixed an issue where CA PPM timed out trying to retrieve product options.
- 56824: Fixed an issue where logging partition permission warning would cause a sync error.
- 55616: Fixed an issue where the CA Clarity connector could hang when retrieving fields with a very large set of options.

HP ALM

- 64625: Fixed an issue where linked entities could not be updated.
- 64120: Fixed an issue where expired sessions are not re-authenticated.
- 63204: Fixed an issue where UI field text wrapping was inserting false line breaks.
- 62002: Fixed an issue where the root elements of lookup list fields with sub-items were not available.
- 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.

IBM Rational DOORS

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

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

- 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.
- 64112: Fixed an issue with reading error messages from Jama.
- 54138: Fixed an issue with synchronizing lists in rich text fields in Jama.

Leankit

- 59228: LeanKit artifacts can now be synced with weblinks that have no label.

Microsoft Team Foundation Server

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

Pivotal Tracker

- 61931: Improved the stability of the Pivotal Tracker connector when accessed concurrently.

Rally

- 63819: Fixed an issue where network errors from CA Agile Central were not automatically retried.
- 61441: To improve Tasktop performance, CA Central Agile collections are scoped by project and not an entire workspace.
- 59429: Fixed an issue where some CA Agile Central single/multi select fields did not have all options available.

Salesforce

- 61529: Fixed an issue where comments were not syncing correctly.
- 61003: Fixed an issue where comments were not syncing in Salesforce.

ServiceNow Service Desk

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

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 '/'
- 63501: Fixes an issue where Tosca parent container's full path was not listed.

iRise

- 64737: Fixes an issue where comments could not be posted if their author did not map to an iRise user

Features

Activity & Issues

- 56320: User can easily create many routing groups after dropping down many items to the working space.
- 56318: User experiences more intuitive navigation on the drill-in screen for a given field mapping.
- 56317: User can search by metadata visible in activity UI.
- 53735: User can filter activity by integration in the Activities page.

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

Collections

- 63571: A warning icon is shown, with the cause as tooltip, when a collection to model mapping needs more configuration
- 61235: User can map container to/from single selects fields.

Collections: Repository

- 58962: Cache is used for listing options provided to the collection mapping ui

IBM Rational ClearQuest

- 31177: Introduced state transition support for IBM ClearQuest

Installers

- 60400: Installer on Windows is signed and published by Tasktop

Integrations

- 64001: User can choose to show models or artifact types in the integration landscape.
- 63906: User sees landscape view as default screen and can access integrations.
- 63813: User can create new integration from the integration landscape
- 61428: User can filter integration landscape by model.
- 61424: User can see more detailed view of the diagram that surfaces the underlying artifact types and the model of a given integration.
- 61423: User can filter to show certain repositories that meets filter.
- 61422: User can drag repos on canvas and have his layout saved.

- 61421: User can see a visual overview of what repository connections and integrations he already has configured.
- 57628: User can route containers for connectors that do not have project field.
- 56323: User can map rich text fields by appending, and to/from Location fields.
- 56322: User can set filter on model fields of type duration.
- 48968: User can more easily add/remove projects from a routing group.

Jama

- 62101: Version field added to Jama connector.

Repositories

- 47402: X.509 authentication and script-based authentication are supported.

Scripting

- 58018: User can search persons in a person reconciliation script

ServiceNow Service Desk

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

Settings and Licensing

- 62260: Tasktop Integration Hub supports storing configuration and other data in an external Microsoft SQL Server database.
- 62258: Tasktop can be configured to use an external database to store configuration and other data.

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.