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17.4 Release Notes

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Tasktop Release Notes - 17.4.36

Posted: January 18, 2019

- Fixes
 - Connector-Specific Fixes
 - Salesforce

Fixes

Connector-Specific Fixes

Salesforce

- 91589: Fixed an issue where schema retrieval failed due to validation on string fields with a maximum length of zero.

Tasktop Release Notes - 17.4.35

Posted: August 22, 2018

- Fixes
 - Tasktop Integration Hub Fixes
 - Integrations

Fixes

Tasktop Integration Hub Fixes

Integrations

- 86957: Fixed an issue that could cause duplicate artifact creation when multiple linked integrations (i.e. Repository A --> Repository B --> Repository C) were run with a very short change detection interval.
- 85732: Fixed an issue where Tasktop could fail to flow comments and attachments occasionally when a user recreated a deleted artifact.

Tasktop Release Notes - 17.4.34

Posted: August 15, 2018

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - Atlassian Jira (REST)
- Features
 - Tasktop Integration Hub Features
 - Infrastructure
 - Connector-Specific Features
 - Atlassian Jira (REST)

Upgrade Notes

Connector-Specific Upgrade Notes

Atlassian Jira (REST)

- 84636: Atlassian will be deprecating basic authentication with passwords and cookie-based authentication for Jira Cloud by December 1, 2018. Users must configure a Tasktop repository authentication method other than 'Standard Authentication,' such as 'Email Address and API Token Authentication (Jira Cloud only),' by that time. See Atlassian notice here: <https://developer.atlassian.com/cloud/jira/platform/deprecation-notice-basic-auth-and-cookie-based-auth/>.

Features

Tasktop Integration Hub Features

Infrastructure

- 86400: Tomcat updated to address a known security issue.

Connector-Specific Features

Atlassian Jira (REST)

- 84636: Added new authentication method, 'Email Address and API Token Authentication (Jira Cloud only),' as per Atlassian notice <https://developer.atlassian.com/cloud/jira/platform/deprecation-notice-basic-auth-and-cookie-based-auth/>.

Tasktop Release Notes - 17.4.33

Posted: August 01, 2018

- Fixes
 - Tasktop Integration Hub Fixes
 - Operational Database

Fixes

Tasktop Integration Hub Fixes

Operational Database

- 85757: Fixed an issue that could cause processing to become stuck when using MS SQL Server as an operational database.

Tasktop Release Notes - 17.4.32

Posted: July 30, 2018

- Features
 - Tasktop Integration Hub Features
 - Logging

Features

Tasktop Integration Hub Features

Logging

- 85719: Security improvements for the logging subsystem.

Tasktop Release Notes - 17.4.31

Posted: July 24, 2018

- Fixes
 - Tasktop Integration Hub Fixes
 - Activity and Issues
 - Repositories

Fixes

Tasktop Integration Hub Fixes

Activity and Issues

- 81378: Fixed an issue where Tasktop may surface database deadlock errors when scheduling events for processing.

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 - 17.4.30

Posted: July 11, 2018

- [Upgrade Notes](#)
 - [Tasktop Integration Hub Upgrade Notes](#)
 - [Repositories](#)
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 - [Tasktop Integration Hub Fixes](#)
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 - [Repositories](#)
 - [Connector-Specific Fixes](#)
 - [Micro Focus ALM Octane \(HPE\)](#)

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

Integrations

- 85075: Fixed an issue where comments could be duplicated when an error occurred while storing past activity.

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.

Connector-Specific Fixes

Micro Focus ALM Octane (HPE)

- 84007: Fixed an issue that prevented the Micro Focus ALM Octane connector from supporting ALM Octane versions 12.55.30 and up.

Tasktop Release Notes - 17.4.29

Posted: June 04, 2018

- Fixes
 - Connector-Specific Fixes
 - IBM Rational DOORS

Fixes

Connector-Specific Fixes

IBM Rational DOORS

- 80382: Fixed an issue where the IBM DOORS connector would prevent Tasktop from processing events.

Tasktop Release Notes - 17.4.28

Posted: May 30, 2018

- [Fixes](#)
 - [Tasktop Integration Hub Fixes](#)

Fixes

Tasktop Integration Hub Fixes

- 83295: Fixed an issue where attachments flowing from the DOORS connector were duplicated in the target system every time a DOORS item was processed.

Tasktop Release Notes - 17.4.27

Posted: May 08, 2018

- Fixes
 - Tasktop Integration Hub Fixes
 - Connector-Specific Fixes
 - QASymphony qTest Manager

Fixes

Tasktop Integration Hub Fixes

- 81690: Fixed an issue where Tasktop may experience errors attempting to remove and add relationships at the same time under certain circumstances.

Connector-Specific Fixes

QASymphony qTest Manager

- 82872: Fixed exceptions caused by API changes in QASymphony SaaS service.

Tasktop Release Notes - 17.4.26

Posted: April 19, 2018

- Fixes
 - Connector-Specific Fixes
 - Atlassian Jira (REST)
 - Micro Focus ALM / QC (REST)

Fixes

Connector-Specific Fixes

Atlassian Jira (REST)

- 81996: Fixed an issue where synchronizing artifacts with unexpected values in the watchers field caused an error.

Micro Focus ALM / QC (REST)

- 81878: Fixed an issue where test runs of test instances in the root (default) test set could not be retrieved.

Tasktop Release Notes - 17.4.25

Posted: April 11, 2018

- Fixes
 - Connector-Specific Fixes
 - IBM Rational Requirements Composer / DOORS Next Generation

Fixes

Connector-Specific Fixes

IBM Rational Requirements Composer / DOORS Next Generation

- 81905: Jazz OAuth has been fixed for split server authentication.

Tasktop Release Notes - 17.4.24

Upgrade Notes

Connector-Specific Upgrade Notes

Micro Focus ALM / QC (REST)

- 81600: A new field titled 'Override Comment Time Zone' was added to the repository connection settings for the Micro Focus ALM connector. This field allows for manually specifying the time zone to be used when determining the creation date of comments retrieved from Micro Focus ALM. If no value is provided, the time zone used will default to local system time. Prior to making any changes to the time zone of the Tasktop service, it is recommended that this value be set for any existing integrations involving comments. If this value is not set and the Tasktop service time zone is changed, comments already processed may be duplicated.

Fixes

Tasktop Integration Hub Fixes

- 81601: Fixed an issue where users would not be able to use the "Process All Artifacts" button when using Oracle or SQL Server 2008 as their operational database.

Connector-Specific Fixes

Atlassian Jira (REST)

- 81576: Fixed an issue where the Jira connector could not properly retrieve translated issues.

IBM Rational DOORS

- 81592: Fixed an issue where the IBM DOORS connector assumed all dates were against the UTC timezone.

Micro Focus ALM / QC (REST)

- 81600: A new field titled 'Override Comment Time Zone' was added to the repository connection settings for the Micro Focus ALM connector. This field allows for manually specifying the time zone to be used when determining the creation date of comments retrieved from Micro Focus ALM. If no value is provided, the time zone used will default to local system time. See connector documentation for further information.

Tasktop Release Notes - 17.4.23

Fixes

Tasktop Integration Hub Fixes

- 81350: Fixed an issue where the browser would crash when trying to connect to a repository with no basic authentication.

Connector-Specific Fixes

IBM Rational Team Concert

- 79950: To reduce authentication failures, we've improved how OAuth redirects are handled in the IBM Rational Team Concert connector.

Microsoft TFS

- 80813: Tasktop will now set a display name when a person is not found in order to prevent the "Person must have a display name" error.

Tasktop Release Notes - 17.4.22

Upgrade Notes

Connector-Specific Upgrade Notes

CA Agile Central (Rally)

- 80502: Users authenticating with an API Key now use the "API Key Access" authentication option.

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.
- 80569: Apache Commons logging configured with system properties will be overridden by the Log4j configuration.

Features

CA Agile Central (Rally)

- 80366: CA Agile Central connector provides "API Key Access" authentication option.

Tasktop Release Notes - 17.4.21

Fixes

Tasktop Integration Hub Fixes

- 80702: Fixed an issue where the username and password for a repository connection persisted, even after switching to alternate authentication methods.
- 80576: Includes support bundle improvements.
- 74821: Fixed an issue where log files incorrectly contained SEVERE log entries about potential memory leak.

Connector-Specific Fixes

IBM Rational Team Concert

- 79950: To reduce authentication failures, we've improved how OAuth redirects are handled in the IBM Rational Team Concert connector.

Microsoft TFS

- 80237: Improved the Microsoft Team Foundation Server connector to better handle irregular person field values on work items.

Features

CA Agile Central (Rally)

- 80353: CA Agile Central connector now supports API Key authentication.

Repositories

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

Settings and Licensing

- 80900: Tasktop now rejects certain insecure passwords when configuring a connection to an external operational database.

Tasktop Release Notes - 17.4.20

Upgrade Notes

Connector-Specific Upgrade Notes

Microsoft TFS

- 79508: The operational database will be updated during migration as a result of this change.

Fixes

Tasktop Integration Hub Fixes

- 80093: User is now shown a warning when configuring a value for the concurrency limit of a repository connection.
- 79357: To improve problem diagnosis, Tasktop will now perform periodic thread dumps to the logs in the case of a blocked shutdown.

Connector-Specific Fixes

Microsoft TFS

- 80078: Fixed an issue where unexpected user values returned from the TFS server were blocking Hub from running.
- 79508: Fixed an issue where modifying a Microsoft TFS collection name could lead to HTTP errors.

Features

- 80341: Includes support bundle improvements.

Tasktop Release Notes - 17.4.19

No release for Tasktop Integration Hub 17.4.19

Tasktop Release Notes - 17.4.18

Fixes

Connector-Specific Fixes

Micro Focus ALM / QC (REST)

- 79616: Fixed an issue where special script-generated attachments that are not real ALM web links are causing issues by ignoring them during retrieval.

Tasktop SQL

- 78737: Querying of schema handles special characters for database names.

Tricentis Tosca

- 79697: Revision field is now able to be mapped in the Tricentis Tosca connector.

Tasktop Release Notes - 17.4.17

Upgrade Notes

Connector-Specific Upgrade Notes

Salesforce

- 79244: Artifact schemas should be refreshed. Collections that include changed fields will need to be updated.

Fixes

Tasktop Integration Hub Fixes

- 79401: Integration routes are more tolerant of containers' summary changes.
- 79340: Fix an IE styling issue where the activity integration filtering dropdown was stretching beyond the page's width.
- 78881: Fixed an issue where an artifact that should have been filtered out was causing an error.

Connector-Specific Fixes

IBM Rational Requirements Composer / DOORS Next Generation

- 78857: Fixed an issue in the IBM Rational Doors Next Generation Connector which sometimes prevented rich text fields containing multi line content from synchronizing correctly.

Salesforce

- 79244: Fixed a problem where a field conversion threw an exception.

Tasktop Release Notes - 17.4.16

Fixes

Tasktop Integration Hub Fixes

- 78881: Fixed an issue where an artifact that should have been filtered out was causing an error.

Connector-Specific Fixes

Blueprint

- 79343: Fixed an issue with the Blueprint connector not properly handling when the user is not found.

Tasktop Release Notes - 17.4.15

Fixes

Tasktop Integration Hub Fixes

- 78823: Fixed an issue preventing repository queries that contained string field from being saved.

Connector-Specific Fixes

Atlassian Jira

- 79134: Fixed an issue causing degraded performance while synchronizing the Test Case artifact on Jira Cloud.

Tasktop Release Notes - 17.4.14

Fixes

Connector-Specific Fixes

Atlassian Jira

- 79002: Fixed an issue with mapping a JIRA nFeed field in a collection.

HPE ALM Octane

- 79118: Fixed errors caused by API changes introduced by the Octane 12.55.9.70 SaaS deploy.

Microsoft Sharepoint

- 79266: Fixed an issue where an error occurs when creating a collection in Sharepoint

Tasktop Release Notes - 17.4.13

Fixes

Connector-Specific Fixes

GitHub Issues

- 78908: Fixed GitHub connector hitting API abuse detection when posting a large number of comments.

IBM Rational ClearQuest

- 79024: Fixed an issue that prevented the IBM ClearQuest connector from returning more than 50 artifacts in a query result.

Tasktop Release Notes - 17.4.12

Fixes

Tasktop Integration Hub Fixes

- 78687: Fixed the issue where state transition mapping is not shown on the collection page.

Connector-Specific Fixes

VersionOne

- 78768: Fixed an issue where retrieving an artifact that had been closed by a deleted user would cause an error.

Tasktop Release Notes - 17.4.11

Fixes

Tasktop Integration Hub Fixes

- 78687: Fixed the issue where state transition mapping is not shown on the collection page.
- 78001: Fixed an issue that caused an error to be logged after executing transitions which did not update the Status field.

Connector-Specific Fixes

Atlassian Jira

- 78551: Fixed an issue where parsing Jira nFeed user fields that don't have key field in response payload results in error
- 78331: Fixed an issue where restricted epic links caused an error in the Jira connector.

Planview

- 78382: Fixed an issue in Planview where updates to artifacts would reset some fields to their default values.

ServiceNow Service Desk

- 78199: Active field for ServiceNow Connector is now writable.

Tasktop Release Notes - 17.4.10

Upgrade Notes

Tasktop Integration Hub Upgrade Notes

- 78380: To resolve conflict resolution on the components field, after upgrade to 17.4.10 or later version of hub, conflict resolution strategy should be set to have any of repository be dominant.

Fixes

Tasktop Integration Hub Fixes

- 78422: Fixed an issue where Tasktop would not release the database lease if it was shutdown without having initialized security.
- 78380: Fix issue where containment conflicts could not be resolved
- 78117: Fixed an issue where transition scripts would not be able to execute if a transition had a populated artifact link field.
- 77986: Ensure that the fields migrated to the new state transition come from the model, rather than the collection.
- 77856: Fixed an issue where suggested mapping did not filter mapping field of type ArtifactLink to field or list of type ValueWithLabel on both mapping directions.
- 77038: Fixed an issue that prevents Tasktop from stopping during a database transfer.

Connector-Specific Fixes

Atlassian Jira

- 78277: Fixed an issue where Resolution was not being set by JIRA status transitions

Tasktop Release Notes - 17.4.9

Fixes

Tasktop Integration Hub Fixes

- 77906: Fixed an issue where new artifact state may not be imported during association import.

Connector-Specific Fixes

Atlassian Jira

- 77861: Fixed an issue with the Jira connector that was causing the Sprint label to include the goal description when the Sprint field was read.

HPE ALM

- 77859: Fixes an issue where the connector does not properly distinguish expired sessions from failed authentication, leading to errors instead of re-authentication.
- 77632: Fixed an issue where comments synced using Single Value Memo Field comments handling displayed raw HTML.

HPE ALM Octane

- 78090: Fixed an issue where the HPE ALM Octane connector did not write the expected break line HTML tag.

Microsoft Team Foundation Server

- 77908: Fixed an issue where resources were not always properly released when connections were closed by the Microsoft TFS Connector.

ServiceNow Service Desk

- 77672: Fixed an issue where Demand artifacts could not be synchronized for ServiceNow.
- 76890: Fixed hanging issue when processing ServiceNow comment containing paragraph beginning with a semicolon and space.
- 75816: Fixed issue where ServiceNow comments containing non-alphanumeric characters were difficult to read.

Tasktop Release Notes - 17.4.8

Features

HPE PPM

- 77398: Added support for retrieving and updating Project Request artifacts in HPE PPM

Tasktop Release Notes - 17.4.7

Fixes

Connector-Specific Fixes

Microsoft Team Foundation Server

- 77452: Fixed an issue where creating an artifact would cause an error in TFS 2015 RTM.

ServiceNow Service Desk

- 76144: Fixed an issue where rich text transformations would show unnecessary style information from the source text

Tasktop Release Notes - 17.4.6

Fixes

Tasktop Integration Hub Fixes

- 77552: Fixed issue where state transition extensions could not be configured
- 77256: All metrics logs snapshots are now included in the error report zip.

Connector-Specific Fixes

BMC Remedy

- 77719: Fixed an issue with the BMC Remedy connector where it was unable to perform certain transitions for Change artifacts when the Change Coordinator or Change Manager fields were set.

Microsoft Team Foundation Server

- 77609: Fixes an issue where a closed team collection on a team foundation server causes the connector not to be able to retrieve the list of projects (for any team collection).

Tasktop Release Notes - 17.4.5

Fixes

Tasktop Integration Hub Fixes

- 77602: Fix issue where state transition scripts are not triggered when the configured model field changes
- 77588: Hub users are now informed of repercussions and necessary next steps after aborting a transfer to an external database.
- 77529: Fixed an issue where Tasktop may not detect already running Keycloak instances when starting Tasktop services on Linux.
- 77028: Fixed an issue where changing a field causes the option in a dependent select field to become invalid.
- 75366: Fixed an issue where scripted non-relationship fields are not propagated.
- 73416: Fixed mapping option label display when summary is undefined.

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 - 17.4.4

Upgrade Notes

Tasktop Integration Hub Upgrade Notes

- 71581: The command line database transfer utility has been removed and is no longer available.
- 68711: Tasktop now records what instance is using the configuration database by adding a lease record, if a Tasktop instance is terminated in a disorderly fashion (eg. power outage) the database will need to have the lease record removed for Tasktop to reconnect to the database.

Fixes

Tasktop Integration Hub Fixes

- 77441: Fixed a typo on collections page
- 77397: Fixed an issue where users were not able to map options from different projects.
- 77292: Fixed an issue where an error message box was appearing for an empty option mapping form when reloading the field mappings page.
- 74017: Added a refresh button and refresh functionality to repository query page.

Connector-Specific Fixes

CA Clarity PPM

- 75336: Fixed an issue where the connector failed when multiple open time sheets are encountered. Now only if multiple time sheets have the same actual for the same user, task and day will artifact retrieval fail.

HPE ALM

- 77284: Fixed an issue where an expired session, resulting in a "permission denied" response, wasn't triggering re-authentication.

Features

Misc

- 68711: Tasktop now records what instance is using the configuration database and does not permit multiple instances to use the configuration database at one time.

Settings and Licensing

- 71581: Tasktop can now transfer the contents of its configuration database to an external database.

iRise

- 51464: Enabled rich text Markdown for iRise's Description field

Tasktop Release Notes - 17.4.3

Fixes

Tasktop Integration Hub Fixes

- 77311: Fixed an issue where Linux installation installed to paths not named "tasktop" would not be able to start.
- 77306: Fixed an issue where unreleased connectors may be displayed in Tasktop Integration Hub.
- 77304: Fixed an issue with Migration to better handle fields with fieldTemplate that has no standardField.
- 77135: Fixed an issue where the Field Mapping Page was not correctly filtering out the Inverse Transformation.

Tasktop Release Notes - 17.4.2

Fixes

Tasktop Integration Hub Fixes

- 77139: Fix issue where routing options are incorrectly enabled.
- 77138: Fix issue where container link transform options are not being filtered properly.

Connector-Specific Fixes

IBM Rational ClearQuest

- 76319: Fixed an issue where values were not included when performing transitions in IBM Rational ClearQuest.

Microsoft Sharepoint

- 77214: Fixed an error that prevented users from creating a Sharepoint collection due to duplicate Created and Modified fields.

Tasktop Release Notes - 17.4.1

Fixes

Tasktop Integration Hub Fixes

- 76791: Errors encountered during change detection can now be automatically resolved
- 76810: Fixed UI incorrectly displaying that an integration filter will not be applied.
- 76640: Fixed a filter highlighting bug and preventing users from selecting model fields to filter if they aren't mapped.
- 76250: Fixed an issue which could cause an error when mapping Relationships to Relationship.
- 75113: Added a user action point in the details of recreation error message.
- 73304: Fixed an issue where the field mapping UI froze when single-select fields had too many values. Users can now search for the values they wish to map.

Connector-Specific Fixes

Atlassian Jira

- 76854: Optimized change detection of Jira artifacts.

IBM Rational ClearQuest

- 75363: Removed a restriction on the maximum number of characters allowed in multiline fields in IBM Rational ClearQuest.

Salesforce

- 76838: Fixed an issue where the owner of a Salesforce Case would change according to Salesforce case assignment rules.

Features

HPE ALM Octane

- 76741: Added a new authentication method to use API Access Keys.

Integrations

- 76766: Artifact filtering user interface is enhanced with clear icon and text.
- 73929: Artifact routing will continue to function after a connector has added new levels of containment.

Jama

- 73121: Users can now route by Jama Components.

Serena Business Manager

- 76814: Updated label and logo for Solutions Business Manager (previously Serena Business Manager)

Template: Synchronization

- 73930: User can map both way transformation from Container Link to Single/Multi-select field via Option Mapping

Tasktop Release Notes - 17.4.0

Upgrade Notes

Upgrading from the previous version of Tasktop Integration Hub

For improved maintainability and disaster recovery of your production environments, we strongly recommend storing operational data on an external database. To learn more about how to store your operational data on an external database, please see our Installation Primer here: <https://docs.tasktop.com/tasktop/user-guide/installation-primer>.

Connector-Specific Upgrade Notes

BMC Remedy

- 73832: In order to enable status transitions in BMC Remedy version 8.1.02, updated definition files must be downloaded from <http://my.tasktop.com> and installed on the applicable Remedy mid-tier server using BMC Remedy Developer Studio.
For each of the following Remedy artifact types, the corresponding definition file should be downloaded and installed:
 - Incidents
 - Problems
 - Change Requests
 - Work Orders

CA Clarity PPM

- 72900: Ensure the CA PPM server has an NSQL query called 'Tasktop_GetTimeperiods' (see Connector Documentation for details).

IBM Rational Requirements Composer

- 69057: DNG migration will take place when Hub is upgraded.

Microsoft Team Foundation Server

- 71647: After migration, Hub must be restarted if there are any collections that have option mappings for the Work Item Type field.
- 67125: After upgrading Tasktop Integration Hub, the user will need to perform the following steps:
 - Stop the application.
 - Delete the old TFS SDK library from the Tasktop install. On Windows, the default path to the TFS SDK folder should be C:\ProgramData\Tasktop\libraries\microsoft-tfs. On Linux, the default

path should be \$INSTALL_FOLDER/libraries/microsoft-tfs, where \$INSTALL_FOLDER is the root of the product install.

- Start the application.

- Go to the TFS repository in the application. The product should prompt the user to upload a new version of the TFS SDK. From <https://github.com/Microsoft/team-explorer-everywhere/releases/tag/14.120.0>, upload file "TFS-SDK-14.120.0.zip".

Fixes

Tasktop Integration Hub Fixes

- 76222: Fixed an issue where synchronizing a Microsoft Team Foundation Server rich text field would cause an error.
- 75500: Corrected problem where occasionally some activity wasn't processed before others after prioritizing it on the Activities page.
- 75319: Updated error messages to refer to 'extensions' instead of 'scripts.'
- 75318: The error message has been improved when the ID column of a reporting database table is not present.
- 74742: Improved the error message produced when connection settings can't be used to establish a connection.
- 74734: One-way integration arrow now refers to 'One-way Modification' instead of 'One-way Creation' if integration does not support creation.
- 74563: Fixed an issue where person reconciliation was named inconsistently.
- 74339: Fixed an issue where multiple CA PPM projects cannot be used in a relationship to single /multi select mapping.
- 73918: Fixed an issue which could cause an error when reporting metrics.
- 73839: Fixed a defect where comparing text that only differed on types of quotes caused a conflict.
- 73827: A new self-signed certificate is provided for https testing purposes.
- 73822: Improved formatting for rich text and artifact link values in past activity field changes.
- 73727: Fixed typo in extension guide.
- 73601: Fixed an issue where "Update Always" on single relationship field to multi-relationship field would cause an error.
- 73520: Improved trace logging when comments are impersonated.
- 73213: Fixed an issue which could cause slow migration when migrating activity.
- 73405: Fixed an issue which would cause invalid field flows if the model was changed.
- 73363: Added an error message when project configuration is outdated.
- 73156: Fixed an issue where activity from full scans was not removed when cancelling current activity.
- 73145: Fixed an issue which could prevent artifacts from processing if a value transformation script was used with Relationship fields.
- 73008: Improved validation when mapping read-only fields.
- 72979: Fixed an issue where 'person not found' errors had incorrect information.

- 72828: Fixed an issue which could cause errors when configuring the master password.
- 72772: Fixed an error where mapping single container link collection field to multi artifact link resulted in an error.
- 72228: Fixed an error where cached artifacts were not found when attempting to map fields.
- 72445: Updated interface for configuring repository queries in a collection to show multiple dropdown menus.
- 72103: Fixed project-based constant mapping configuration for multi-select fields being incorrectly cleared on page load.
- 72100: Fixed an issue where Relationships fields using Always Update would not replace existing Relationships.
- 71828: Fixed an issue where the integration could not be saved after removing a collection.
- 71818: Fixed an issue where multi-constant values don't show up on the Field Flow page.
- 71803: Updated font size for info paragraph on the Collection screen.
- 71738: Fixed an issue where unresolved artifact link errors from a script during artifact creation were causing unretrievable errors.
- 71556: Fixed an issue where the repository information panel overlapped with the display settings panel on the Integration Landscape View.
- 71317: Adapted 'suggest mappings' button layout for smaller width screens.
- 71251: Fixed an issue where person tracking could disrupt artifact processing.
- 70926: Fixed an issue causing an error when using Relationships fields with Always Update.
- 70402: The start-tasktop.sh script has been changed so that no more than 1 instance of a keycloaked version of tasktop can be started at the same time.
- 68600: Fixed an issue which could cause errors if a Repository Query were changed in a Repository.
- 67336: Added new transform for ContainerLink to Relationships and validation against Relationship model field to Relationships collection field mapping in the UI.
- 67246: Fixed an issue where option mappings were incorrectly being displayed as being automatically mapped.
- 66902: Added support for integer outputs from person reconciliation scripts.
- 65704: Fixed an issue where Models Page did not filter out internal use fields.
- 64609: Fixed an issue where the browser does not clear the cache with a normal reload when Tasktop Integration Hub updates.
- 63818: Removed User Federation from the Tasktop User Management Console.
- 63803: Pressing refresh on the collection projects dialog now causes additional types to become available after installing the Zephyr plugin into JIRA.

Connector-Specific Fixes

Atlassian Jira

- 76571: Fixed Epic Link appearing as read-only when Epic issue type is renamed.
- 75221: Fixed an issue with retrieving sprint labels containing an equal sign in the Jira connector.
- 74429: Fixed an issue with retrieving options for closed issues.
- 74103: Fixed a bug that caused an error while doing person mapping in Jira.

- 74023: Fixed an issue with the rank field on the creation screen.
- 72833: Fixed an issue where deleted users would cause failures.
- 71416: Descriptions and comments having tables in Jira are now produced with improved accuracy. Previously some rich text constructs such as lists within table cells could produce tables that were incorrectly formatted.
- 71414: Fixed an issue which would cause errors when processing rich text if there were new lines between square brackets.

BMC Remedy

- 73832: Custom web services and forms used by BMC Remedy have been updated to resolve an issue relating to status transitions in version 8.1.02 of Remedy. The updated web service and form definition files can be found on <http://my.tasktop.com>.
- 68026: Fixed an error during retrieval of an artifact where a person field has a non-existing (i.e. deleted) user as a value.

Blueprint

- 76166: Fixed issue where session timeouts led to incorrect file size metadata on attachments.

CA Agile Central (Rally)

- 75238: Connector will now check for errors parsing payloads and throw a specific exception for the operation to be retried.
- 74265: Fixed an issue where only the first 20 options were returned for single-selects.
- 73315: Filtered out duplicate release options in the CA Agile connector.

CA Clarity PPM

- 74811: Fixed an issue that may cause project locking due to concurrent write requests.

HPE ALM

- 75237: Fixed an issue with error handling in the HPE ALM/QC connector.
- 75152: Improved the error message when users are removed or unassigned from projects in HPE ALM Quality Center.
- 74596: Fixed an issue in HPE ALM connector where operations were failing due to 'Session does not exist' error.
- 74264: Fixed an issue where expired PingFederate authentication sessions are not properly detected.
- 73912: Fixed an issue where an error would be thrown when retrieving attachments of an artifact.
- 73743: Fixed an issue in HPE ALM where line break characters were being removed from text.
- 73367: Improved the performance for listing options for the Subject field.
- 73366: Fixed an issue where listing options for test folders would fail with an error about duplicate results.
- 73152: Fixed an issue where missing dependencies would cause artifact retrieval to fail.
- 68930: Fixed an issue where plain text was losing formatting.

HPE ALM Octane

- 76178: Fixed an issue where the product was unable to retrieve a user from the HPE ALM Octane server if the user lacked a full name.

IBM Rational ClearQuest

- 76650: Fixed an issue in the IBM ClearQuest connector that would timeout when attempting to list options for read only reference fields.
- 74403: ClearQuest sessions are explicitly ended when connector encounters an error.
- 64357: Fixed an issue where attachments were not being detected in IBM Rational ClearQuest.

IBM Rational Requirements Composer

- 73824: Added more context to an error message that is displayed in the IBM Rational Doors Next Generation Connector when a user does not have project read access.

IBM Rational Team Concert

- 75372: Fixed an issue where the comment content in IBM Rational Team Concert containing the characters '\u' caused an error during integrations.
- 73911: Fixed an issue where an item could not be retrieved if it had an empty required field.
- 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.

Jama

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

Microsoft Team Foundation Server

- 75241: Fixed an issue where artifact synchronization could halt if there was a problem establishing a TFS server connection. These connections are now retried.
- 74127: Fixed an issue where the comment header was missing when synchronizing comments to Microsoft's Team Foundation Server.
- 73146: Fixed an issue where the TFS connector would sometimes stop processing items.
- 72551: Fixed an issue causing failure to retrieve a TFS artifact when it contains weblinks with angle brackets.
- 71647: The options for the Work Item Type field now have a stable identity.
- 68633: Fixed an issue where the TFS connector allowed Test Result and Test Point as targets for workitem-only links, which caused failure from the server. A fix was introduced to indicate to products that only workitems can be link targets for those link fields.
- 68131: Fixed an issue with retrieving large attachments from Microsoft's Team Foundation Server.
- 67249: Fixed an issue where 'Wrong data type' errors were not being retried by the Microsoft TFS connector.

- 67125: Fixed an error that would prevent users from saving a VSTS Task collection. Users can resolve the error by updating to a newer version of the Microsoft TFSSDK library.

Polarion ALM

- 72835: Fixed an issue where missing values caused failures.
- 72500: Fixed an issue where projects could not be listed.

Serena Dimensions RM

- 76371: Fixed Serena Dimensions RM connector not displaying projects from valid databases if there exists an invalid database.

ServiceNow Service Desk

- 76714: Fixed an issue where a ServiceNow user Title field mapped value can cause an error
- 74126: Fixed an issue where the comment header wouldn't appear.
- 73506: Fixed an error that occurred when creating a collection for a ServiceNow table that had multiple 'state' fields.

Tricentis Tosca

- 71734: Workspace is not user-supplied when creating a connection on Hub, or a repository on Sync. Validation of credentials will happen at the level of creating a collection in Hub, and creating a query in Sync.

Features

Activity & Issues

- 75014: Prevents error details from being shown when the details aren't helpful to the user

Atlassian Jira

- 76370: Jira connector has been renamed from "Atlassian JIRA" to "Atlassian Jira".
- 74416: Jira connector now supports single and multi group picker fields.

BMC Remedy

- 72222: Added support for BMC Remedy Work Orders as artifacts.

Collections: Gateway

- 73108: Hub now supports mapping single-select and multi-select options when there are multiple options that have the same label.

Collections: Repository

- 74529: User can configure and select the model fields that triggers a state transition extension for a collection.
- 74226: User now receives an error when attempting to create an integration between HPE ALM Folder Collections, and is forbidden to route to an HPE ALM Folder if the integration is with an HPE ALM Folder Collection.
- 74225: User can now create a collection with supported container types.
- 71806: A pop-up is now available to show all configured constant value options for a field mapping when clicked.

Extensions

- 75310: Extensions documentation is now hosted at <https://docs.tasktop.com/tasktop/user-guide/extensions>.
- 72452: Scripts are now known as Extensions.

GitHub Issues

- 72652: The GitHub Issues connector now supports repositories where the user is only a collaborator.

HPE ALM

- 71618: Added a new search type that allows the user to scope by domain, project, type, and a supplied query string.

HPE ALM Octane

- 72610: Added support for LDAP Octane environments.

Integrations

- 75433: User can now configure integration filters to apply when artifacts update, when artifacts are created, or both.
- 73720: Added collapsable summary view of filters and 'delete all artifact filters' button.
- 73719: Introduced project-based filtering.
- 73717: Directional integration filters (filters that only apply to one repository in the integration) can now be configured.

Jama

- 74591: Support added for Jama Tags.

Microsoft Team Foundation Server

- 75412: Support added (read-only) for the following Git related fields in TFS:
 - Commit
 - Pull Request
 - Branch
 - Tag

Models

- 74333: Models page now displays a concise view of models.

Planview

- 73703: Planview Enterprise connector branding has been updated.

Platform

- 74227: Added link to data transformations matrix page on the help page.
- 73153: Improved error message when configuration change occurs during platform upgrade.

Repositories

- 72616: Repository connections can now be validated on the Repositories screen.

ServiceNow Service Desk

- 72951: Added support for ServiceNow Catalog Variables.

Settings and Licensing

- 76763: Updated the external database settings form header to reflect whether Hub is currently using an external database.
- 73102: Blueprint, Jama and Tricentis OEM licenses can be generated with codeBeamer connector included.

Template: Synchronization

- 71721: Optimized change detection for connectors capable of supporting collection searches "sorted by recently modified."
- 71720: Tasktop Integration Hub supports change detection for repositories that are unable to sort search results by 'last modified.'