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21.4 Release Notes

To learn about the differences between Continuous Delivery and Long Term Support, click [here](#).

★ indicates major quarterly release

- [Tasktop Release Notes - 21.4.0.20210720-b1908](#)
- [Tasktop Release Notes - 21.4.0.20210803-b1943](#)
- [Tasktop Release Notes - 21.4.0.20210810-b1959](#)
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Tasktop Release Notes - 21.4.0.20210720-b1908

Posted: July 20, 2021

- Upgrade Notes
 - Tasktop Integration Hub Upgrade Notes
 - User Management
- Fixes
 - Tasktop Integration Hub Fixes
 - Change Detection
 - Enterprise Data Stream
 - Misc
 - Product Upgrades
 - Twinless Artifact Update
 - Connector-Specific Fixes
 - Atlassian Jira
 - Atlassian Jira Align
 - CA Agile Central (Rally)
 - Micro Focus ALM Octane
 - Planview Enterprise
 - Trello
- Features
 - Tasktop Integration Hub Features
 - Collections
 - Repositories
 - Connector-Specific Features
 - BMC Remedy
 - Jama
 - Polarion ALM
 - Tricentis Tosca

Upgrade Notes

Tasktop Integration Hub Upgrade Notes

User Management

- 116579: The 'jboss.mail.smtp.port' property in tasktop-hub.properties has been renamed 'jboss.mail.server.port'. If you have overridden the default value for 'jboss.mail.smtp.port', please rename the property for your customization to remain in effect.

Fixes

Tasktop Integration Hub Fixes

Change Detection

- 116095: Fixed an issue where changes were sometimes missed during change detection (until the subsequent full scan) if searches were interrupted.

Enterprise Data Stream

- 116970: Fixed an issue where remove events were created erroneously and duplicated after a full scan.

Misc

- 115785: Fixed an issue where the unsaved changes dialog did not close when clicking cancel.

Product Upgrades

- 117345: Fixed an issue where integrations did not start after upgrading when all background jobs had successfully completed.
- 116792: Fixed an issue where upgrades did not complete when a project had been removed from a collection.
- 116419: Configuration validation no longer runs for unmigrated configuration.

Twinless Artifact Update

- 105104: Twinless update no longer uses the Field Flow configuration.

Connector-Specific Fixes

Atlassian Jira

- 108867: Fixed an issue caused by uninstalling a Jira ServiceDesk plugin.

Atlassian Jira Align

- 116726: Fixed errors caused by API changes in Jira Align version 10.97.

CA Agile Central (Rally)

- 116696: Fixed an issue where the Blocked and Blocked Reason fields sometimes failed to update.

Micro Focus ALM Octane

- 117195: Fixed an issue preventing integrations with several Octane artifact types from working.
- 116717: Added support for multi-line long string fields.

Planview Enterprise

- 116578: Fixed an issue where custom field values did not clear in Planview.

Trello

- 116497: Fixed an issue where collection search failed.

Features

Tasktop Integration Hub Features

Collections

- 116418: Added support for copying container collections across multiple levels in a Container + Work Item integration.

Repositories

- 115066: User can disable repository connection and schedule disabling connection to reduce unsuccessful log-in attempts.

Connector-Specific Features

BMC Remedy

- 116146: Added proxy gateway support to BMC Remedy. A new field 'Attachment Gateway Location' has been added to specify artifact location when Remedy is behind a gateway.

Jama

- 115307: Added support for Jama test steps.

Polarion ALM

- 116912: Added support for state transitions in Polarion for the Status field. This does not affect existing integrations.

- 116582: Increased Polarion's maximum attachment size to 50MB.

Tricentis Tosca

- 115810: Execution TestCase Log artifacts will now flow within an integration in the order that they were created.

Tasktop Release Notes - 21.4.0.20210803-b1943

Posted: August 03, 2021

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - Atlassian Jira Align
- Fixes
 - Tasktop Integration Hub Fixes
 - Infrastructure
 - Connector-Specific Fixes
 - Atlassian Jira Align
 - Jama
 - Micro Focus PPM
- Features
 - Connector-Specific Features
 - Atlassian Jira Align

Upgrade Notes

Connector-Specific Upgrade Notes

Atlassian Jira Align

- 117499: Upon upgrade, the Commercialize and PM Reviewed fields will need to be remapped.

Fixes

Tasktop Integration Hub Fixes

Infrastructure

- 117444: Fixed an issue where some metric names were not sanitized properly which prevented them from being fetched.

Connector-Specific Fixes

Atlassian Jira Align

- 117499: Improved Team Options detection for Jira Align version 10.98 and fixed an issue that prevented the Commercialize and PM Reviewed fields from flowing.

Jama

- 115244: Fixed an issue in Jama that caused multiple duplicate tags to be created sometimes.

Micro Focus PPM

- 117399: Fixed an issue where duplicate options were listed for Micro Focus PPM fields.

Features

Connector-Specific Features

Atlassian Jira Align

- 117642: Added custom search for Jira Align that allows artifacts to be filtered by Program ID. The query takes a comma-separated list of program IDs. Supported artifact types include Capability, Defect, Epic, Feature, Story.

Tasktop Release Notes - 21.4.0.20210810-b1959

Posted: August 11, 2021

- Fixes
 - Tasktop Integration Hub Fixes
 - Integrations
 - Repositories
 - Connector-Specific Fixes
 - ServiceNow
- Features
 - Tasktop Integration Hub Features
 - Repositories
 - Connector-Specific Features
 - codeBeamer ALM

Fixes

Tasktop Integration Hub Fixes

Integrations

- 117775: Fixed an issue where a configuration migrated without changes was not validated properly, resulting in missing errors.

Repositories

- 117835: Fixed an issue where some repository queries could not be updated through the UI without a refresh.

Connector-Specific Fixes

ServiceNow

- 117549: Fixed an issue where duplicate tables were not appropriately filtered from System Class options.

Features

Tasktop Integration Hub Features

Repositories

- 115141: Throttling settings are now available to be configured on the repository screen.

Connector-Specific Features

codeBeamer ALM

- 19886: The codeBeamer connector now supports the synchronization of tables within rich text fields.

Tasktop Release Notes - 21.4.0.20210816-b1970

Posted: August 16, 2021

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - Atlassian Jira Align
- Fixes
 - Tasktop Integration Hub Fixes
 - Misc
 - Project Replacement
 - Connector-Specific Fixes
 - BMC Remedy
- Features
 - Connector-Specific Features
 - Atlassian Jira Align

Upgrade Notes

Connector-Specific Upgrade Notes

Atlassian Jira Align

- 117784: If using the Program ID repository query, it will be updated to use the Small Set Optimized Program ID query functionality.

Fixes

Tasktop Integration Hub Fixes

Misc

- 117949: Fixed an issue where a long-running processing service restart prevented the health check from running.

Project Replacement

- 117652: Fixed an issue where renaming projects after a Micro Focus ALM domain change only updated artifacts in the first project in the collection.

Connector-Specific Fixes

BMC Remedy

- 117563: Fixed an issue that prevented the BMC Remedy connector from functioning properly on Remedy version 20.02 with the SOAP API.

Features

Connector-Specific Features

Atlassian Jira Align

- 117784: Added support for more than 20 program IDs in a program ID repository query. There are two program ID-based repository queries available; one query is optimized for a small number of programs and the other is optimized for a large number of programs. Please see the connector documentation for more details.

Tasktop Release Notes - 21.4.0.20210831-b2001

Posted: August 31, 2021

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - Atlassian Jira
- Fixes
 - Tasktop Integration Hub Fixes
 - Integrations
 - Work Item Synchronization
 - Connector-Specific Fixes
 - Atlassian Jira Align
 - BMC Remedy
 - Planview Enterprise
 - ServiceNow
- Features
 - Connector-Specific Features
 - Atlassian Jira

Upgrade Notes

Connector-Specific Upgrade Notes

Atlassian Jira

- 116251: Any field mappings using the Advanced Roadmaps (Portfolio) Parent Link field as a read-only String field will need to be updated to use the relationship Parent Link field.
- 116249: Configurations that were previously using the Advanced Roadmaps (Portfolio) Team field as a read-only String field will need to be updated to use the new single select Team field.

Fixes

Tasktop Integration Hub Fixes

Integrations

- 118390: Fixed an issue where background jobs could not retry when an unexpected error occurred.

Work Item Synchronization

- 118448: Fixed an issue where duplicate artifacts could be created if a repository's API limit was reached immediately after creating an artifact.

Connector-Specific Fixes

Atlassian Jira Align

- 118389: Fixed an issue where artifacts without a last updated date were not detected.
- 118387: Fixed an issue where listing options for the Developmental Steps field failed.

BMC Remedy

- 118133:

Planview Enterprise

- 118220: Fixed an issue with value constraints for the Percent Complete field.

ServiceNow

- 118165: Fixed an issue where ServiceNow types sometimes surfaced without labels.

Features

Connector-Specific Features

Atlassian Jira

- 116251: Added support for the Advanced Roadmaps (Portfolio) Parent Link field as a relationship field.
- 116249: Added support for the Advanced Roadmaps (Portfolio) Team field as a single-select.

Tasktop Release Notes - 21.4.0.20210903-b2010

Posted: September 03, 2021

- Fixes
 - Tasktop Integration Hub Fixes
 - Collections
 - Connector-Specific Fixes
 - Atlassian Jira
- Features
 - Connector-Specific Features
 - Microsoft Project Server

Fixes

Tasktop Integration Hub Fixes

Collections

- 117364: Fixed an issue where invalid option mappings persisted in the configuration file.

Connector-Specific Fixes

Atlassian Jira

- 118609: Fixed an issue that sometimes occurred when multiple Portfolio/Advanced Roadmap 'Team' or 'Parent Link' fields existed.

Features

Connector-Specific Features

Microsoft Project Server

- 117937: Added query language support for MSPS custom fields (single select or text) that contain no special characters or unicode.

Tasktop Release Notes - 21.4.3

Posted: October 04, 2021

- Upgrade Notes
 - Tasktop Integration Hub Upgrade Notes
 - Build Pipeline
 - Connector-Specific Upgrade Notes
 - General (Integrations)
 - Atlassian Jira
 - Atlassian Jira Align
- Fixes
 - Tasktop Integration Hub Fixes
 - Activity & Issues
 - Change Detection
 - Collections
 - Help
 - Infrastructure
 - Integrations
 - Licensing
 - Misc
 - Product Upgrades
 - Project Replacement
 - Repositories
 - Time Tracking
 - Twinless Artifact Update
 - Work Item Synchronization
 - Connector-Specific Fixes
 - Atlassian Jira
 - Atlassian Jira Align
 - BMC Remedy
 - CA Agile Central
 - IBM Engineering Requirements Management DOORS Family
 - IBM Engineering Requirements Management DOORS Next
 - Jama Connect
 - Micro Focus ALM Octane
 - Micro Focus PPM
 - Microsoft Azure DevOps Server (TFS)
 - Planview Enterprise
 - QASymphony qTest Manager
 - ServiceNow
 - TestRail
 - Trello
- Features
 - Tasktop Integration Hub Features

- Activity & Issues
- Collections
- Integrations
- Repositories
- Connector-Specific Features
 - Atlassian Jira
 - Atlassian Jira Align
 - Jama Connect
 - Microsoft Project Server
 - Polarion ALM
 - TestRail

Upgrade Notes

Tasktop Integration Hub Upgrade Notes

Build Pipeline

- 117014: For security reasons, Tasktop Integration Hub no longer allows TLS 1.0 or 1.1 communication to repositories by default. If your repository is showing an error in the UI with the following message, "The server selected protocol version TLS10 is not accepted by client preferences [TLS12]", you should reach out to your IT department to request that the repository be reconfigured to allow TLS 1.2 or greater.

If re-configuring your repository is not an option, please follow the steps below to enable the banned protocols in your Tasktop Hub installation:

1. Find the JRE directory provided with your installation. This will be in the Program Files for Tasktop in Windows installations, or at the top-level inside your Linux installation.
2. Open the jre/lib/security/java.security file.
3. Find the line starting with "jdk.tls.disabledAlgorithms".
4. Remove "TLSv1" and/or "TLSv1.1", depending on your needs.
5. Restart your Tasktop Hub application to continue using the affected repositories.

Connector-Specific Upgrade Notes

General (Integrations)

- 78995: Fixed an issue where a dependency sometimes introduced potential security vulnerabilities. [\[Security Fix\]](#)

Atlassian Jira

- 116251: Any field mappings using the Advanced Roadmaps (Portfolio) Parent Link field as a read-only String field will need to be updated to use the relationship Parent Link field.

- 116249: Configurations that were previously using the Advanced Roadmaps (Portfolio) Team field as a read-only String field will need to be updated to use the new single-select Team field.

Atlassian Jira Align

- 117499: Upon upgrade, the Commercialize and PM Reviewed fields will need to be remapped.
- 117784: If using the Program ID repository query, it will be updated to use the Small Set Optimized Program ID query functionality.

Fixes

Tasktop Integration Hub Fixes

Activity & Issues

- 118752: Improved responsiveness of the Hub UI when the processing activity load is high.
- 115579: Fixed an issue where processing state transitions with back sync resulted in an error.

Change Detection

- 116970: Fixed an issue where remove events were created erroneously and duplicated after a full scan.

Collections

- 116145: Improved the error message that appears when a repository query cannot be accessed.
- 117364: Fixed an issue where invalid option mappings persisted in the configuration file.

Help

- 118894: Fixed an issue where the build version on the Help screen appeared incorrectly.

Infrastructure

- 117444: Fixed an issue where some metric names were not sanitized properly which prevented them from being fetched.

Integrations

- 118390: Fixed an issue where background jobs could not retry when an unexpected error occurred.
- 117775: Fixed an issue where configurations migrated without changes were not validated properly, resulting in missing errors.
- 114784: Fixed an issue where integrations could not be stopped when repository credentials were invalid.

Licensing

- 119454: Fixed an issue where branded repositories weren't being shown from Home page.

Misc

- 117949: Fixed an issue where a long-running processing service restart prevented the health check from running.

Product Upgrades

- 117345: Fixed an issue where integrations did not start after upgrading when all background jobs had successfully completed.

Project Replacement

- 117652: Fixed an issue where renaming projects after a Micro Focus ALM domain change only updated artifacts in the first project in the collection.

Repositories

- 117835: Fixed an issue where some repository queries could not be updated through the UI without a refresh.

Time Tracking

- 119054: Fixed an issue where worklogs were sometimes duplicated when using a person reconciliation extension that returned an invalid value.

Twinless Artifact Update

- 119456: Fixed an issue where twinless artifact update was not triggered.

Work Item Synchronization

- 118454: Fixed an issue where comments were duplicated when artifact unions were configured and a custom model without artifact links was used.
- 118448: Fixed an issue where duplicate artifacts could be created if a repository's API limit was reached immediately after creating an artifact.

Connector-Specific Fixes

Atlassian Jira

- 118609: Fixed an issue that sometimes occurred when multiple Portfolio/Advanced Roadmap 'Team' or 'Parent Link' fields existed.
- 117923: Fixed an issue where Jira rich text fields were not read properly.

Atlassian Jira Align

- 118389: Fixed an issue where artifacts without a last updated date were not detected.
- 118387: Fixed an issue where listing options for the Developmental Steps field failed.
- 117499: Improved Team Options detection for Jira Align version 10.98 and fixed an issue that prevented the Commercialize and PM Reviewed fields from flowing.
- 116726: Fixed errors caused by API changes in Jira Align version 10.97.
- 118993: Fixed an issue where users were unable to set status fields on an epic when no development step value was present.

BMC Remedy

- 118133: Fixed an issue that sometimes resulted in read-only field values being submitted in state transition and update operations.
- 117563: Fixed an issue that prevented the BMC Remedy connector from functioning properly on Remedy version 20.02 with the SOAP API.

CA Agile Central

- 116696: Fixed an issue where the Blocked and Blocked Reason fields sometimes failed to update.

IBM Engineering Requirements Management DOORS Family

- 118847: Fixed an issue where the connector mistakenly canceled change detection.

IBM Engineering Requirements Management DOORS Next

- 118142: Fixed an issue that prevented DOORS Next collections from being created when a custom field URI ending in "project" existed.

Jama Connect

- 115244: Fixed an issue in Jama that sometimes caused multiple duplicate tags to be created.

Micro Focus ALM Octane

- 117195: Fixed an issue preventing integrations with several Octane artifact types from working.

Micro Focus PPM

- 117399: Fixed an issue where duplicate options were listed for Micro Focus PPM fields.

Microsoft Azure DevOps Server (TFS)

- 118798: Fixed an issue where the connector failed to establish a connection to TFS 2013.

Planview Enterprise

- 118220: Fixed an issue with value constraints for the Percent Complete field.
- 116578: Fixed an issue where custom field values did not clear in Planview.

QASymphony qTest Manager

- 117672: Added 'Inactive' to field mapping labels for inactive options.

ServiceNow

- 118165: Fixed an issue where ServiceNow types sometimes surfaced without labels.
- 117549: Fixed an issue where duplicate tables were not appropriately filtered from System Class options.

TestRail

- 118969: Fixed an issue where queries sometimes did not return all Tests.

Trello

- 118192: Fixed an authentication issue that prevented attachment retrieval.
- 116497: Fixed an issue where collection search failed.

Features

Tasktop Integration Hub Features

Activity & Issues

- 118316: Improved the repository backoff error message.

Collections

- 117332: You can now model multiple work item types of similar type in a single collection with Affinity Modeling. This feature can be enabled from the Options dropdown next to the work item type on the Collection Configuration screen.

Integrations

- 118195: Added a warning message when the ProcessAll button is clicked that includes information about potential data loss.
- 116966: Added the ability to detect and synchronize changes made by an external workflow.

Repositories

- 115141: Throttling settings are now available to be configured on the Repository Connection screen.

Connector-Specific Features

Atlassian Jira

- 116251: Added support for the Advanced Roadmaps (Portfolio) Parent Link field as a relationship field.
- 116249: Added support for the Advanced Roadmaps (Portfolio) Team field as a single-select field.

Atlassian Jira Align

- 117784: Added support for more than 20 program IDs in a program ID repository query. There are two program ID-based repository queries available; one query is optimized for a small number of programs and the other is optimized for a large number of programs. Please see the connector documentation for more details.
- 117642: Added custom search for Jira Align that allows artifacts to be filtered by Program ID. The query takes a comma-separated list of program IDs. Supported artifact types include Capability, Defect, Epic, Feature, and Story.

Jama Connect

- 115307: Added support for Jama test steps.

Microsoft Project Server

- 117937: Added query language support for MSPS custom fields (single select or text) that contain no special characters or unicode.

Polarion ALM

- 116912: Added support for state transitions in Polarion for the Status field. This will not affect existing integrations.

TestRail

- 117691: Added support for the Estimate and Estimate Forecast duration fields on TestRail test cases.

Tasktop Release Notes - 21.4.4

Posted: October 21, 2021

- Fixes
 - Tasktop Integration Hub Fixes
 - Tasktop Integration Hub
 - Connector-Specific Fixes
 - Atlassian Jira
 - Jama Connect
- Features
 - Connector-Specific Features
 - ServiceNow

Fixes

Tasktop Integration Hub Fixes

Tasktop Integration Hub

- 115609: Tasktop service can successfully shutdown on windows operating system and no longer hangs

Connector-Specific Fixes

Atlassian Jira

- 116600: Fixed an issue where artifacts with no revision were returned by Jira search.

Jama Connect

- 118080: Fixed an issue where the connector sometimes waited a long time during artifact link updates.

Features

Connector-Specific Features

ServiceNow

- 118740: New field Catalog Variable Sets has been add to Service Now that is JSON string of all variables in variable sets of a artifacts Catalog item

Tasktop Release Notes - 21.4.5

Posted: October 27, 2021

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - TestRail
- Fixes
 - Tasktop Integration Hub Fixes
 - Artifact Pair Management
 - Change Detection
 - Configuration History
 - Tasktop Integration Hub
 - Connector-Specific Fixes
 - IBM Engineering Requirements Management DOORS Next
 - Targetprocess
 - TestRail
 - Tricentis Tosca

Upgrade Notes

Connector-Specific Upgrade Notes

TestRail

- 119796: After upgrading to this change, users will see change detections for all their artifacts.

Fixes

Tasktop Integration Hub Fixes

Artifact Pair Management

- 118134: Fixed an issue where artifacts pairs could not be deleted when a project was unavailable.

Change Detection

- 116996: Fixed an issue where processing would sometimes stall after a configuration change.

Configuration History

- 116059: Fixed an issue where an error appeared when navigating to the Configuration History screen or during an upgrade when Hub performed a configuration migration.

Tasktop Integration Hub

- 119762: Fixed an issue where Tasktop Windows service showed a timeout error when stopped via the Stop Tasktop shortcut or Services window.
- 115609: Fixed an issue where Tasktop could not successfully shutdown on a Windows system.

Connector-Specific Fixes

IBM Engineering Requirements Management DOORS Next

- 102416: Improved the error message that appears when a catalog is not found.

Targetprocess

- 115378: Improved the error message that appears when the server returns a 403 Forbidden response.

TestRail

- 119796: Fixed an issue where artifact revisions could be inconsistent.

Tricentis Tosca

- 119501: Improved the error message that appears when a search operation tries to access a workspace that cannot be found.

Tasktop Release Notes - 21.4.6

Posted: November 03, 2021

- Fixes
 - Connector-Specific Fixes
 - Aras Innovator
 - Targetprocess
- Features
 - Connector-Specific Features
 - codeBeamer ALM

Fixes

Connector-Specific Fixes

Aras Innovator

- 110806: Fixed an issue where invalid item types were listed.

Targetprocess

- 115378: Improved the error message that appears when the server returns a 403 Forbidden response.

Features

Connector-Specific Features

codeBeamer ALM

- 119261: Added supported for lists embedded in table for CodeBeamer mark up

Tasktop Release Notes - 21.4.7

Posted: November 05, 2021

- Fixes
 - Tasktop Integration Hub Fixes
 - Enterprise Data Stream
 - Work Item Synchronization
 - Connector-Specific Fixes
 - Microsoft SharePoint

Fixes

Tasktop Integration Hub Fixes

Enterprise Data Stream

- 119874: Fixed an issue where Tasktop did not automatically use TLSv1.2 or TLSv1.3 to connect to MySQL 5.7 databases when using certain versions of the MySQL JDBC driver.

Work Item Synchronization

- 120046: Fixed an issue where duplicate artifacts were created when there were database connectivity errors.

Connector-Specific Fixes

Microsoft SharePoint

- 118198: Fixed an issue where calculated date fields with empty values caused synchronization errors.

Tasktop Release Notes - 21.4.8

Posted: November 10, 2021

- Fixes
 - Tasktop Integration Hub Fixes
 - Metrics Dashboard

Fixes

Tasktop Integration Hub Fixes

Metrics Dashboard

- 119424: Fixed an issue where the health API stopped working if Hub encountered an out-of-memory error.

Tasktop Release Notes - 21.4.9

Posted: November 17, 2021

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - codeBeamer ALM
- Fixes
 - Tasktop Integration Hub Fixes
 - Metrics Dashboard
 - Twinless Artifact Update
 - Connector-Specific Fixes
 - codeBeamer ALM
 - Microsoft Project Server
 - QASymphony qTest Manager

Upgrade Notes

Connector-Specific Upgrade Notes

codeBeamer ALM

- 118747: Fixed an issue where tables were incorrectly synchronized from codeBeamer.

Fixes

Tasktop Integration Hub Fixes

Metrics Dashboard

- 119424: Fixed an issue where the health API stopped working if Hub encountered an out-of-memory error.
- 116391: Fixed an issue where tables on the Metrics screen were incorrectly formatted when an integration name was too long.

Twinless Artifact Update

- 119724: Fixed an issue where twinless artifact update to a duration field did not execute.
- 114656: Fixed an issue where Twinless Artifact Update failed for work items with no Summary field.

Connector-Specific Fixes

codeBeamer ALM

- 119288: Fixed an issue where rich text was not parsed correctly when synchronizing from codeBeamer.
- 118747: Fixed an issue with rich text table formatting.

Microsoft Project Server

- 119723: Fixed an issue where users in Microsoft Project Server would automatically be checked in while integrations were running.

QASymphony qTest Manager

- 118705: Fixed an issue where artifacts were incorrectly detected as changed in On-Demand environments.

Tasktop Release Notes - 21.4.10

Posted: November 24, 2021

- Fixes
 - Tasktop Integration Hub Fixes
 - Change Detection
 - Connector-Specific Fixes
 - Atlassian Jira
 - Salesforce

Fixes

Tasktop Integration Hub Fixes

Change Detection

- 118271: Fixed an issue where synchronization failed for collections containing projects with no artifacts of the selected type.

Connector-Specific Fixes

Atlassian Jira

- 120437: Fixed a permissions error that sometimes occurred when Advanced Roadmap was enabled, but the user was not integrating Advanced Roadmap features.

Salesforce

- 120403: Fixed an issue where the connector could not retrieve person IDs.

Tasktop Release Notes - 21.4.11

Posted: December 08, 2021

- Fixes
 - Connector-Specific Fixes
 - Microsoft SharePoint

Fixes

Connector-Specific Fixes

Microsoft SharePoint

- 109170: Fixed an issue where synchronizing an attachment to SharePoint Online produced an error if the attachment's name contained an apostrophe.

Tasktop Release Notes - 21.4.12

Posted: December 15, 2021

- Fixes
 - Tasktop Integration Hub Fixes
 - Infrastructure
 - Connector-Specific Fixes
 - codeBeamer

Fixes

Tasktop Integration Hub Fixes

Infrastructure

- 121009: Addressed critical security vulnerability CVE-2021-44228 (log4j2 Remote Code Execution vulnerability). [\[Security Fix\]](#)

Connector-Specific Fixes

codeBeamer

- 120740: Added support for rich text line breaks within table cells.
- 120739: Added support for rich text characters that require escaping.

Tasktop Release Notes - 21.4.13

Posted: December 16, 2021

- Fixes
 - Tasktop Integration Hub Fixes
 - Infrastructure

Fixes

Tasktop Integration Hub Fixes

Infrastructure

- 121200: Contains updated fix for log4j vulnerability (CVE-2021-44228 and CVE-2021-45046). **[Security Fix]**

Tasktop Release Notes - 21.4.14

Posted: December 22, 2021

- Fixes
 - Tasktop Integration Hub Fixes
 - Artifact Union
 - Infrastructure

Fixes

Tasktop Integration Hub Fixes

Artifact Union

- 117223: Fixed an issue where changes to artifact union fields used in artifact filtering did not trigger synchronization.

Infrastructure

- 121322: Upgraded log4j to 2.17.0. **[Security Fix]**

Tasktop Release Notes - 21.4.15

Posted: January 14, 2022

- Fixes
 - Tasktop Integration Hub Fixes
 - Activity & Issues
 - Operational Database
 - Tasktop Integration Hub

Fixes

Tasktop Integration Hub Fixes

Activity & Issues

- 118884: Fixed an issue where a blocker caused by a network communication issue was not removed after the issue was resolved.

Operational Database

- 121737: Fixed an issue where event processing is delayed on MySQL 5.

Tasktop Integration Hub

- 121612: Fixed an issue where recurring authentication errors used too much memory.

Tasktop Release Notes - 21.4.16

Posted: January 26, 2022

- Fixes
 - Tasktop Integration Hub Fixes
 - Operational Database
 - Connector-Specific Fixes
 - Digital.ai Agility
 - ServiceNow
 - TestRail

Fixes

Tasktop Integration Hub Fixes

Operational Database

- 121517: Fixed an issue where long-running background jobs sometimes failed and prevented an upgrade from completing successfully.

Connector-Specific Fixes

Digital.ai Agility

- 121740: Fixed an issue where a limited number of results were returned during change detection.

ServiceNow

- 119819: Fixed an issue where item retrieval failed when multiple users had the same username.

TestRail

- 121730: Fixed an issue where retrieving Test Cases resulted in an error when using the latest TestRail Cloud version.

Tasktop Release Notes - 21.4.17

Posted: February 03, 2022

- Fixes
 - Tasktop Integration Hub Fixes
 - Work Item Synchronization

Fixes

Tasktop Integration Hub Fixes

Work Item Synchronization

- 121442: Fixed an issue where a "conflicting key" error blocked event processing.

Tasktop Release Notes - 21.4.18

Posted: February 09, 2022

- Fixes
 - Tasktop Integration Hub Fixes
 - Tasktop Integration Hub
 - Connector-Specific Fixes
 - Micro Focus ALM

Fixes

Tasktop Integration Hub Fixes

Tasktop Integration Hub

- 122346: Upgraded Tomcat dependencies to 8.5.75. [\[Security Fix\]](#)

Connector-Specific Fixes

Micro Focus ALM

- 122161: Fixed an issue preventing Test Folders from syncing when they were missing a last modified date.

Tasktop Release Notes - 21.4.19

Posted: February 12, 2022

- Fixes
 - Tasktop Integration Hub Fixes
 - Artifact Union
 - Integrations
 - Connector-Specific Fixes
 - Micro Focus ALM
- Features
 - Connector-Specific Features
 - WhiteHat Sentinel

Fixes

Tasktop Integration Hub Fixes

Artifact Union

- 117223: Fixed an issue where changes to artifact union fields used in artifact filtering did not trigger synchronization.

Integrations

- 122355: Fixed an issue where updating an integration disabled the "Flow External Changes" functionality.

Connector-Specific Fixes

Micro Focus ALM

- 122161: Fixed an issue where an empty Last Modified Date prevented Test Folders from synchronizing.

Features

Connector-Specific Features

WhiteHat Sentinel

- 122357: The WhiteHat Sentinel connector now sends the API Key in the request header instead of the request URI.

Tasktop Release Notes - 21.4.20

Posted: February 16, 2022

- Fixes
 - Tasktop Integration Hub Fixes
 - Artifact Union
 - Operational Database
 - Product Upgrades
 - Connector-Specific Fixes
 - BMC Remedy

Fixes

Tasktop Integration Hub Fixes

Artifact Union

- 117223: Fixed an issue where changes to Artifact Union fields used in Artifact Filtering did not trigger synchronization.

Operational Database

- 121729: A new startup mode has been added to allow Hub to start in troubleshooting mode with the troubleshooting session lasting for 2 hrs

Product Upgrades

- 119312: Fixed an issue where background jobs failed to upgrade IBM DOORS collections from versions prior to 21.3 to versions later or equal to 21.3.

Connector-Specific Fixes

BMC Remedy

- 119516: Fixed an issue where unmapped fields sometimes failed dependency validation when updating artifacts.

Tasktop Release Notes - 21.4.21

Posted: February 23, 2022

- Fixes
 - Tasktop Integration Hub Fixes
 - Container Synchronization
 - Logging
 - Operational Database
 - Connector-Specific Fixes
 - Targetprocess

Fixes

Tasktop Integration Hub Fixes

Container Synchronization

- 122476: Fixed an issue where artifacts sometimes failed to be processed with a "No value present" error.

Logging

- 122578: Improved the log message that appears when a database backoff is in effect.

Operational Database

- 122356: Hub no longer updates the same artifact association entry twice in the same batch resolving database connection issues that may occur on some databases
- 122225: Event processing no longer deadlocks with UI error filtering relieving CPU pressure on the database

Connector-Specific Fixes

Targetprocess

- 122585: Fixed an issue where an error appeared when listing options for custom single-select fields with no configured options.

Tasktop Release Notes - 21.4.22

Posted: March 02, 2022

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - Planview Enterprise
- Fixes
 - Tasktop Integration Hub Fixes
 - Integrations
 - Connector-Specific Fixes
 - Planview Enterprise

Upgrade Notes

Connector-Specific Upgrade Notes

Planview Enterprise

- 122443: If using numeric fields with decimal places in Planview, they will need re-mapped as they now appear as Double fields in Hub.

Fixes

Tasktop Integration Hub Fixes

Integrations

- 122856: Improved the performance of the routing dialog for integrations using a Clarizen container as a work item collection.

Connector-Specific Fixes

Planview Enterprise

- 122443: Fixed an issue that caused numeric fields to truncate decimal places in Planview.

Tasktop Release Notes - 21.4.23

Posted: March 08, 2022

- Fixes
 - Connector-Specific Fixes
 - Microsoft Project Server

Fixes

Connector-Specific Fixes

Microsoft Project Server

- 122869: Fixed an issue where projects would be automatically checked in when encountering a network-related error.

Tasktop Release Notes - 21.4.24

Posted: March 16, 2022

- Fixes
 - Tasktop Integration Hub Fixes
 - Activity & Issues
 - Artifact Filtering
 - Artifact Relationship Management (ARM)
 - Artifact Union
 - Change Detection
 - Configuration History
 - Field Flow
 - Installers
 - Operational Database
 - Product Upgrades
 - Test Management
 - User Management
 - Work Item Synchronization
 - Connector-Specific Fixes
 - GitLab Issues

Fixes

Tasktop Integration Hub Fixes

Activity & Issues

- 118217: Fixed an issue where the Ignored Errors Download button on the Activity screen returned a blank CSV.

Artifact Filtering

- 105835: Fixed an issue where integrations could not run when certain artifact filters were configured.

Artifact Relationship Management (ARM)

- 123206: Fixed an issue where artifacts with links to other artifacts that Tasktop did not have access to prevented synchronizations.

Artifact Union

- 120865: Fixed an issue where activity created by initiate synchronization sometimes could not process when artifact unions are configured.

Change Detection

- 121558: Fixed an issue where change detection was not scheduled for other integrations due to an issue with an unrelated integration.

Configuration History

- 117471: Fixed an issue where the Configuration History screen failed to load after a state transition extension was deleted.

Field Flow

- 119326: Fixed an issue where dependent single and multi-select fields could not be updated due to an error.

Installers

- 121093: Fixed an issue where Hub could not read the system properties file in a Docker environment.

Operational Database

- 122137: Improved logging when failing to acquire the database lock.
- 121847: Fixed an issue where change detection was blocked when detecting an artifact with a 4-byte character when using a MySQL operational database.

Product Upgrades

- 122265: Fixed an issue where background jobs were interrupted by internal processing restarts upon upgrading.

Test Management

- 108326: Fixed an issue where Test Runs without an execution entry would produce an error instead of being ignored.

User Management

- 123065: Fixed an issue where an error mistakenly appeared in Hub when logged in as a troubleshooting user.

Work Item Synchronization

- 121320: Fixed an issue where posting comments or attachments failed due to an artifact being locked. Tasktop will now retry the event.

Connector-Specific Fixes

GitLab Issues

- 122050: Fixed an issue where an error occurred when the GitLab description field contained more than 16,000 characters.

Tasktop Release Notes - 21.4.25

Posted: March 23, 2022

- [Fixes](#)
 - [Tasktop Integration Hub Fixes](#)
 - [Work Item Synchronization](#)
 - [Connector-Specific Fixes](#)
 - [Atlassian Jira](#)

Fixes

Tasktop Integration Hub Fixes

Work Item Synchronization

- 123342: Fixed an issue where corrupted comments/attachments were synchronized back to the source artifact.

Connector-Specific Fixes

Atlassian Jira

- 123192: Fixed an issue where the Parent field was incorrectly marked as required.

Tasktop Release Notes - 21.4.26

Posted: March 30, 2022

- Fixes
 - Tasktop Integration Hub Fixes
 - Tasktop Integration Hub
 - Connector-Specific Fixes
 - IBM Engineering Workflow Management
 - Micro Focus ALM

Fixes

Tasktop Integration Hub Fixes

Tasktop Integration Hub

- 123547: Updated the default memory settings for Hub and garbage collection method to ParallelGC. This setting can be overwritten using the 'tomcat.java.memory' property.

Connector-Specific Fixes

IBM Engineering Workflow Management

- 121501: Fixed an issue in RTC when multiple users exist with the same ID but different casing.

Micro Focus ALM

- 123332: Fixed an issue where attachments in Micro Focus ALM could be duplicated during creation.

Tasktop Release Notes - 21.4.27

Posted: April 06, 2022

- Fixes
 - Connector-Specific Fixes
 - Atlassian Jira

Fixes

Connector-Specific Fixes

Atlassian Jira

- 120234: Fixed an issue where incorrect service desk types were assigned to artifacts.

Tasktop Release Notes - 21.4.28

Posted: April 13, 2022

- [Fixes](#)
 - [Tasktop Integration Hub Fixes](#)
 - [Tasktop Integration Hub](#)
 - [Connector-Specific Fixes](#)
 - [Atlassian Jira](#)

Fixes

Tasktop Integration Hub Fixes

Tasktop Integration Hub

- 123692: Fixed an issue where internal service restarts sometimes blocked processing.

Connector-Specific Fixes

Atlassian Jira

- 122677: Fixed an issue where Hub failed to retry events when authentication expired.

Tasktop Release Notes - 21.4.29

Posted: April 28, 2022

- [Upgrade Notes](#)
 - [Tasktop Integration Hub Upgrade Notes](#)
 - [Installers](#)
- [Fixes](#)
 - [Connector-Specific Fixes](#)
 - [IBM Engineering Workflow Management](#)

Upgrade Notes

Tasktop Integration Hub Upgrade Notes

Installers

- 120961: Be aware that Tasktop may use slightly more heap memory than in the past. This is unlikely to make a difference unless Tasktop was running with a small heap size and using it all. The property `tomcat.java.endorsed.dirs` is no longer supported.

Fixes

Connector-Specific Fixes

IBM Engineering Workflow Management

- 124027: Fixed an issue where multiple users existing with the same username but different casing blocked artifacts from synchronizing.

Tasktop Release Notes - 21.4.30

Posted: May 04, 2022

- Fixes
 - Connector-Specific Fixes
 - Targetprocess
 - TestRail

Fixes

Connector-Specific Fixes

Targetprocess

- 117575: Fixed an issue where the Priority field was not set properly when the ID was the same as the Label.

TestRail

- 124295: Fixed an issue where connections could not be established in TestRail.
- 124019: Fixed an issue where Test Cases did not update properly.

Tasktop Release Notes - 21.4.31

Posted: May 05, 2022

- Fixes
 - Tasktop Integration Hub Fixes
 - Collections
 - Work Item Synchronization

Fixes

Tasktop Integration Hub Fixes

Collections

- 124402: Fixed an issue where field values could not be configured for fields with IDs containing the "/" character.

Work Item Synchronization

- 124393: Fixed an issue that occurred upon synchronization when three or more fields had the same label and one was renamed.

Tasktop Release Notes - 21.4.32

Posted: May 17, 2022

- Fixes
 - Tasktop Integration Hub Fixes
 - Work Item Synchronization

Fixes

Tasktop Integration Hub Fixes

Work Item Synchronization

- 122012: Fixed an issue where web links without a URL could not be synchronized.

Tasktop Release Notes - 21.4.33

Posted: June 02, 2022

Fixes

- This release contains a number of bug fixes.

Tasktop Release Notes - 21.4.34

Posted: June 08, 2022

- Fixes
 - Tasktop Integration Hub Fixes
 - Container Synchronization

Fixes

Tasktop Integration Hub Fixes

Container Synchronization

- 124715: Improved the performance of container synchronizations.

Tasktop Release Notes - 21.4.35

Posted: July 08, 2022

- Fixes
 - SDK-Specific Fixes
 - SDK

Fixes

SDK-Specific Fixes

SDK

- 125103: Fixed an issue where set throttling was sometimes exceeded.

Tasktop Release Notes - 21.4.36

Posted: July 13, 2022

- Fixes
 - Connector-Specific Fixes
 - IBM Engineering Requirements Management DOORS Family

Fixes

Connector-Specific Fixes

IBM Engineering Requirements Management DOORS Family

- 125373: Fixed an issue where image attachments failed to synchronize.

Tasktop Release Notes - 21.4.37

Posted: August 23, 2022

- Fixes
 - Connector-Specific Fixes
 - IBM Engineering Workflow Management

Fixes

Connector-Specific Fixes

IBM Engineering Workflow Management

- 126651: Added a fix to handle sub-version information.

Tasktop Release Notes - 21.4.38

Posted: September 02, 2022

- Fixes
 - Connector-Specific Fixes
 - IBM Engineering Requirements Management DOORS Next

Fixes

Connector-Specific Fixes

IBM Engineering Requirements Management DOORS Next

- 126053: Fixed an issue where the connector could not update relationships on artifacts created in versions earlier than 7.0.
- 123956: Fixed an issue where the connector could not retrieve artifacts created in versions earlier than 7.0.

Tasktop Release Notes - 21.4.39

Posted: October 12, 2022

- Features
 - Connector-Specific Features
 - Microsoft Project Server

Features

Connector-Specific Features

Microsoft Project Server

- 127025: Added support for OAuth2 (ROPC) for Microsoft Project Online.

Tasktop Release Notes - 21.4.40

Posted: October 19, 2022

- Fixes
 - Connector-Specific Fixes
 - Broadcom Rally

Fixes

Connector-Specific Fixes

Broadcom Rally

- 126015: Fixed an issue where the Blocked/Blocked Reason fields could not be updated.

Tasktop Release Notes - 21.4.41

Posted: October 25, 2022

- Fixes
 - Connector-Specific Fixes
 - Broadcom Rally

Fixes

Connector-Specific Fixes

Broadcom Rally

- 127842: Fixed an issue where custom single select fields were unable to synchronize.

Tasktop Release Notes - 21.4.42

Posted: November 23, 2022

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - Atlassian Jira
- Fixes
 - Connector-Specific Fixes
 - Atlassian Jira
- Features
 - Connector-Specific Features
 - Atlassian Jira

Upgrade Notes

Connector-Specific Upgrade Notes

Atlassian Jira

- 128593: See FAQ at: <https://docs.tasktop.com/home/jira-epic-parent-link-changes>

Fixes

Connector-Specific Fixes

Atlassian Jira

- 126577: Fixed an issue where linked Epics sometimes failed to synchronize.

Features

Connector-Specific Features

Atlassian Jira

- 128593: Added support for Jira's latest API change that removed the Epic Link field. See FAQ for more details: <https://docs.tasktop.com/home/jira-epic-parent-link-changes>

Tasktop Release Notes - 21.4.43

Posted: November 30, 2022

- Fixes
 - Connector-Specific Fixes
 - Atlassian Jira

Fixes

Connector-Specific Fixes

Atlassian Jira

- 128037: Fixed an issue where using the "Customer Request Type" label instead of the ID resulted in an error.