

1. 22.2 Release Notes .....	3
1.1 Tasktop Release Notes - 22.2.0.20220110-b2582 .....	5
1.2 Tasktop Release Notes - 22.2.0.20220117-b2618 .....	7
1.3 Tasktop Release Notes - 22.2.0.20220124-b2652 .....	9
1.4 Tasktop Release Notes - 22.2.0.20220131-b2688 .....	11
1.5 Tasktop Release Notes - 22.2.0.20220207-b2724 .....	12
1.6 Tasktop Release Notes - 22.2.0.20220211-b2745 .....	14
1.7 Tasktop Release Notes - 22.2.0.20220214-b2760 .....	16
1.8 Tasktop Release Notes - 22.2.0.20220222-b2802 .....	17
1.9 Tasktop Release Notes - 22.2.0.20220228-b2832 .....	18
1.10 Tasktop Release Notes - 22.2.0.20220302-b2845 .....	20
1.11 Tasktop Release Notes - 22.2.0.20220307-b2869 .....	22
1.12 Tasktop Release Notes - 22.2.0.20220314-b2907 .....	23
1.13 Tasktop Release Notes - 22.2.0.20220317-b2926 .....	26
1.14 Tasktop Release Notes - 22.2.0.20220328-b2984 .....	28
1.15 Tasktop Release Notes - 22.2.0.20220331-b3002 .....	30
1.16 Tasktop Release Notes - 22.2.2 .....	32
1.17 Tasktop Release Notes - 22.2.3 .....	43
1.18 Tasktop Release Notes - 22.2.4 .....	44
1.19 Tasktop Release Notes - 22.2.5 .....	45
1.20 Tasktop Release Notes - 22.2.6 .....	47
1.21 Tasktop Release Notes - 22.2.7 .....	49
1.22 Tasktop Release Notes - 22.2.8 .....	51
1.23 Tasktop Release Notes - 22.2.9 .....	52
1.24 Tasktop Release Notes - 22.2.10 .....	53
1.25 Tasktop Release Notes - 22.2.11 .....	54
1.26 Tasktop Release Notes - 22.2.12 .....	55
1.27 Tasktop Release Notes - 22.2.13 .....	56
1.28 Tasktop Release Notes - 22.2.14 .....	57
1.29 Tasktop Release Notes - 22.2.15 .....	59
1.30 Tasktop Release Notes - 22.2.16 .....	60
1.31 Tasktop Release Notes - 22.2.17 .....	61
1.32 Tasktop Release Notes - 22.2.18 .....	62
1.33 Tasktop Release Notes - 22.2.19 .....	63
1.34 Tasktop Release Notes - 22.2.20 .....	64
1.35 Tasktop Release Notes - 22.2.21 .....	65
1.36 Tasktop Release Notes - 22.2.22 .....	66
1.37 Tasktop Release Notes - 22.2.23 .....	67
1.38 Tasktop Release Notes - 22.2.24 .....	68
1.39 Tasktop Release Notes - 22.2.25 .....	69
1.40 Tasktop Release Notes - 22.2.26 .....	70
1.41 Tasktop Release Notes - 22.2.27 .....	71
1.42 Tasktop Release Notes - 22.2.28 .....	72
1.43 Tasktop Release Notes - 22.2.29 .....	73
1.44 Tasktop Release Notes - 22.2.30 .....	74
1.45 Tasktop Release Notes - 22.2.31 .....	75

1.46 Tasktop Release Notes - 22.2.32 .....	76
1.47 Tasktop Release Notes - 22.2.33 .....	77
1.48 Tasktop Release Notes - 22.2.34 .....	78
1.49 Tasktop Release Notes - 22.2.35 .....	79
1.50 Tasktop Release Notes - 22.2.36 .....	80

# 22.2 Release Notes

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

★ indicates major quarterly release

- [Tasktop Release Notes - 22.2.0.20220110-b2582](#)
- [Tasktop Release Notes - 22.2.0.20220117-b2618](#)
- [Tasktop Release Notes - 22.2.0.20220124-b2652](#)
- [Tasktop Release Notes - 22.2.0.20220131-b2688](#)
- [Tasktop Release Notes - 22.2.0.20220207-b2724](#)
- [Tasktop Release Notes - 22.2.0.20220211-b2745](#)
- [Tasktop Release Notes - 22.2.0.20220214-b2760](#)
- [Tasktop Release Notes - 22.2.0.20220222-b2802](#)
- [Tasktop Release Notes - 22.2.0.20220228-b2832](#)
- [Tasktop Release Notes - 22.2.0.20220302-b2845](#)
- [Tasktop Release Notes - 22.2.0.20220307-b2869](#)
- [Tasktop Release Notes - 22.2.0.20220314-b2907](#)
- [Tasktop Release Notes - 22.2.0.20220317-b2926](#)
- [Tasktop Release Notes - 22.2.0.20220328-b2984](#)
- [Tasktop Release Notes - 22.2.0.20220331-b3002](#)
- [Tasktop Release Notes - 22.2.2](#)
- [Tasktop Release Notes - 22.2.3](#)
- [Tasktop Release Notes - 22.2.4](#)
- [Tasktop Release Notes - 22.2.5](#)
- [Tasktop Release Notes - 22.2.6](#)
- [Tasktop Release Notes - 22.2.7](#)
- [Tasktop Release Notes - 22.2.8](#)
- [Tasktop Release Notes - 22.2.9](#)
- [Tasktop Release Notes - 22.2.10](#)
- [Tasktop Release Notes - 22.2.11](#)
- [Tasktop Release Notes - 22.2.12](#)
- [Tasktop Release Notes - 22.2.13](#)
- [Tasktop Release Notes - 22.2.14](#)
- [Tasktop Release Notes - 22.2.15](#)
- [Tasktop Release Notes - 22.2.16](#)
- [Tasktop Release Notes - 22.2.17](#)
- [Tasktop Release Notes - 22.2.18](#)
- [Tasktop Release Notes - 22.2.19](#)
- [Tasktop Release Notes - 22.2.20](#)
- [Tasktop Release Notes - 22.2.21](#)
- [Tasktop Release Notes - 22.2.22](#)
- [Tasktop Release Notes - 22.2.23](#)
- [Tasktop Release Notes - 22.2.24](#)

- [Tasktop Release Notes - 22.2.25](#)
- [Tasktop Release Notes - 22.2.26](#)
- [Tasktop Release Notes - 22.2.27](#)
- [Tasktop Release Notes - 22.2.28](#)
- [Tasktop Release Notes - 22.2.29](#)
- [Tasktop Release Notes - 22.2.30](#)
- [Tasktop Release Notes - 22.2.31](#)
- [Tasktop Release Notes - 22.2.32](#)
- [Tasktop Release Notes - 22.2.33](#)
- [Tasktop Release Notes - 22.2.33](#)
- [Tasktop Release Notes - 22.2.34](#)
- [Tasktop Release Notes - 22.2.35](#)
- [Tasktop Release Notes - 22.2.36](#)

# Tasktop Release Notes - 22.2.0.20220110-b2582

Posted: January 11, 2022

- Fixes
  - Tasktop Integration Hub Fixes
    - Activity & Issues
  - Connector-Specific Fixes
    - ServiceNow
- Features
  - Connector-Specific Features
    - Atlassian Jira
    - Digital.ai Agility
    - Planview Enterprise
    - Polarion ALM

## 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.

### Connector-Specific Fixes

#### ServiceNow

- 119819: Fixed an issue where item retrieval fails when multiple ServiceNow users have the same username.

## Features

### Connector-Specific Features

#### Atlassian Jira

- 120772: When using the Tempo plugin on Jira Cloud, the connector now uses the original Jira timesheet author instead of the default 'Tempo Timesheet' user. A Tempo API token must be provided.

## **Digital.ai Agility**

- 120161: Updated the name and logo for Digital.ai Agility (formerly VersionOne).
- 120117: Added support for VersionOne version 21.3.

## **Planview Enterprise**

- 121087: The Project field is now writeable for artifacts directly below the Project (Primary Planning Level) type.

## **Polarion ALM**

- 119105: Added support for Polarion ALM versions 20 to 21 R2.

# Tasktop Release Notes - 22.2.0.20220117-b2618

Posted: January 18, 2022

- Upgrade Notes
  - Connector-Specific Upgrade Notes
    - Microsoft Azure DevOps Server (TFS)
- Fixes
  - Tasktop Integration Hub Fixes
    - Operational Database
    - Tasktop Integration Hub
  - Connector-Specific Fixes
    - ServiceNow
- Features
  - Tasktop Integration Hub Features
    - Metrics Dashboard
    - Tasktop Integration Hub
  - Connector-Specific Features
    - Atlassian Jira
    - Micro Focus ALM
    - Microsoft Azure DevOps Server (TFS)

## Upgrade Notes

### Connector-Specific Upgrade Notes

#### Microsoft Azure DevOps Server (TFS)

- 121519: Any field mappings using the Board Column string field will need to be updated to use the new Board Column single select field if using Azure DevOps 2015 update 3 and above.

## Fixes

### Tasktop Integration Hub Fixes

#### Operational Database

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

#### Tasktop Integration Hub

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

## Connector-Specific Fixes

### ServiceNow

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

## Features

### Tasktop Integration Hub Features

#### Metrics Dashboard

- 120589: The User Counting feature is now enabled by default.

#### Tasktop Integration Hub

- 117337: Added a search box to the Conditional Routing screen.

### Connector-Specific Features

#### Atlassian Jira

- 120970: Added support for Atlassian Jira versions 8.20 and 8.21.

#### Micro Focus ALM

- 119138: Added support for Micro Focus ALM version 16.

#### Microsoft Azure DevOps Server (TFS)

- 121519: Added support for Board Column as a single select field (TFS versions 2015 update 3 and above).



# Tasktop Release Notes - 22.2.0.20220124-b2652

Posted: January 25, 2022

- Upgrade Notes
  - Connector-Specific Upgrade Notes
    - Atlassian Jira
- Fixes
  - Tasktop Integration Hub Fixes
    - Operational Database
    - Tasktop Integration Hub
  - Connector-Specific Fixes
    - Atlassian Jira
    - Digital.ai Agility
    - TestRail
- Features
  - Tasktop Integration Hub Features
    - Metrics Dashboard
  - Connector-Specific Features
    - General (Integrations)
    - Broadcom Clarity
    - Broadcom Rally

## Upgrade Notes

### Connector-Specific Upgrade Notes

#### Atlassian Jira

- 120976: If issues with writing the "!" and "|" characters in their wikitext fields appear, they will need to be manually resolved.

## 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.

#### Tasktop Integration Hub

- 121878: Fixed an issue where a warning dialog was not displayed when refreshing a page with unsaved changes.

## Connector-Specific Fixes

### Atlassian Jira

- 120976: Updated Mylyn wikitext library for Jira to escape "!" and "|" characters

### Digital.ai Agility

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

### TestRail

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

## Features

### Tasktop Integration Hub Features

#### Metrics Dashboard

- 121850: Updated the UI of the Metrics Dashboard.
- 120453: Updated the UI of the Metrics screen.

### Connector-Specific Features

#### General (Integrations)

- 121652: Updated Mylyn wikitext to 3.0.42 to address a Jira issue.

#### Broadcom Clarity

- 121684: Updated the logo for Broadcom Clarity.

#### Broadcom Rally

- 121679: Updated the logo for Broadcom Rally.

# Tasktop Release Notes - 22.2.0.20220131-b2688

Posted: February 01, 2022

- [Features](#)
  - [Tasktop Integration Hub Features](#)
    - [Metrics Dashboard](#)

## Features

### Tasktop Integration Hub Features

#### Metrics Dashboard

- 121849: Updated the UI of the created/updated sections on the Metrics screen.

# Tasktop Release Notes - 22.2.0.20220207-b2724

Posted: February 08, 2022

- Fixes
  - Tasktop Integration Hub Fixes
    - User Counting
    - Work Item Synchronization
  - Connector-Specific Fixes
    - Atlassian Jira Align
- Features
  - Tasktop Integration Hub Features
    - Tasktop Integration Hub
  - Connector-Specific Features
    - GitLab Issues

## Fixes

### Tasktop Integration Hub Fixes

#### User Counting

- 122241: Fixed an issue where transferring to an external database sometimes failed when person observations were tracked.

#### Work Item Synchronization

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

### Connector-Specific Fixes

#### Atlassian Jira Align

- 122002: Fixed an issue where updating the Points field on a Feature to an empty value had no effect. The value of the Points field now updates to 0 instead of an empty value.

## Features

### Tasktop Integration Hub Features

#### Tasktop Integration Hub

- 110975: Updated the default Container Matching setting to "Do not match" for Container + Work Item Synchronizations.
- 98268: Added a pop-up window to log back in when a session expires.

## Connector-Specific Features

### GitLab Issues

- 120659: Added support for GitLab versions 14.3 to 14.5.

# Tasktop Release Notes - 22.2.0.20220211-b2745

Posted: February 11, 2022

- Fixes
  - Tasktop Integration Hub Fixes
    - Integrations
  - Connector-Specific Fixes
    - BMC Remedy
    - Micro Focus ALM
- Features
  - Tasktop Integration Hub Features
    - User Counting
  - Connector-Specific Features
    - WhiteHat Sentinel

## Fixes

### Tasktop Integration Hub Fixes

#### Integrations

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

### Connector-Specific Fixes

#### BMC Remedy

- 119516: Fixed an issue where unmapped fields could fail dependency validation when updating artifacts.

#### Micro Focus ALM

- 122161: Fixed an issue where an empty Last Modified Date prevented Test Folders from synchronizing.
- 122176: Fixed an issue where requests were not properly authorized when using API Key Access authentication.

## Features

### Tasktop Integration Hub Features

## User Counting

- 122336: Updated the name for the "Watcher" user type to "Excluded User."

## 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 - 22.2.0.20220214-b2760

Posted: February 15, 2022

- [Upgrade Notes](#)
  - [Connector-Specific Upgrade Notes](#)
    - [Microsoft Azure DevOps Server \(TFS\)](#)
- [Fixes](#)
  - [Tasktop Integration Hub Fixes](#)
    - [Product Upgrades](#)
- [Features](#)
  - [Connector-Specific Features](#)
    - [Microsoft Azure DevOps Server \(TFS\)](#)

## Upgrade Notes

### Connector-Specific Upgrade Notes

#### Microsoft Azure DevOps Server (TFS)

- 121765: If using a scope with a custom-defined personal access token for authentication, you must add the "Read" permissions for "Identity."

## Fixes

### Tasktop Integration Hub Fixes

#### 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.

## Features

### Connector-Specific Features

#### Microsoft Azure DevOps Server (TFS)

- 121765: Added support for email as a person reconciliation field for TFS/ADO versions 2015 and higher.



# Tasktop Release Notes - 22.2.0.20220222-b2802

Posted: February 23, 2022

- Fixes
  - Tasktop Integration Hub Fixes
    - Container Synchronization
    - Logging
    - Operational Database
- Features
  - Connector-Specific Features
    - Broadcom Clarity

## 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

## Features

### Connector-Specific Features

#### Broadcom Clarity

- 122378: Added support for Broadcom Clarity version 16.0.1.
- 120263: Added support for Broadcom Clarity version 16.0.0.

# Tasktop Release Notes - 22.2.0.20220228-b2832

Posted: March 02, 2022

- Fixes
  - Tasktop Integration Hub Fixes
    - Integrations
  - Connector-Specific Fixes
    - Targetprocess
- Features
  - Tasktop Integration Hub Features
    - Tasktop Integration Hub
  - Connector-Specific Features
    - Atlassian Jira

## 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

#### Targetprocess

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

## Features

### Tasktop Integration Hub Features

#### Tasktop Integration Hub

- 108192: Filters that are set on the Metrics screen now persist when returning to the Metrics screen after navigating to a different page.

### Connector-Specific Features

## Atlassian Jira

- 122678: Added support for Atlassian Jira version 8.22.
- 122629: Added support for Jira Service Management version 4.22.
- 120969: Added support for Jira Service Management versions 4.20 and 4.21.

# Tasktop Release Notes - 22.2.0.20220302-b2845

Posted: March 03, 2022

- Upgrade Notes
  - Connector-Specific Upgrade Notes
    - Planview Enterprise
- Fixes
  - Connector-Specific Fixes
    - Atlassian Jira
    - Microsoft Project Server
    - Planview Enterprise
- Features
  - Tasktop Integration Hub Features
    - Metrics Dashboard
  - Connector-Specific Features
    - Micro Focus ALM Octane
    - Salesforce

## 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

### Connector-Specific Fixes

#### Atlassian Jira

- 122874: Fixed an issue where artifacts with more than 20 Tempo worklogs would return with invalid worklog author.

#### Microsoft Project Server

- 122869: - Fixed an issue where we would force check in a project when encountering a network related error

## Planview Enterprise

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

## Features

### Tasktop Integration Hub Features

#### Metrics Dashboard

- 121853: Added Hours saved section to the metrics screen.

### Connector-Specific Features

#### Micro Focus ALM Octane

- 120819: Added support for Micro Focus ALM Octane version 16.0.

#### Salesforce

- 122310: Added the ability to search for an artifact by Type and ID in Salesforce.
- 121668: Added the ability to search for an artifact by Type and ID in Salesforce.

# Tasktop Release Notes - 22.2.0.20220307-b2869

Posted: March 08, 2022

- Features
  - Connector-Specific Features
    - Atlassian Jira
    - Blueprint
    - Clarizen

## Features

### Connector-Specific Features

#### Atlassian Jira

- 122717: Added support for custom fields created with the Label Manager for Jira plugin.

#### Blueprint

- 120745: Added support for Blueprint version 12.x.

#### Clarizen

- 120190: Added support for state transitions.

# Tasktop Release Notes - 22.2.0.20220314-b2907

Posted: March 14, 2022

- Upgrade Notes
  - Connector-Specific Upgrade Notes
    - Digital.ai Agility
- Fixes
  - Tasktop Integration Hub Fixes
    - Artifact Filtering
    - Artifact Relationship Management (ARM)
    - Artifact Union
    - Change Detection
    - Configuration History
    - Field Flow
    - Installers
    - Operational Database
    - Product Upgrades
    - Tasktop Integration Hub
    - Test Management
    - User Management
  - Connector-Specific Fixes
    - Digital.ai Agility
    - GitLab Issues
- Features
  - Connector-Specific Features
    - Blueprint
    - Micro Focus ALM
    - Tricentis Tosca

## Upgrade Notes

### Connector-Specific Upgrade Notes

#### Digital.ai Agility

- 123098: Due to a change in the VersionOne API, the revision for all VersionOne artifacts has been updated which will result in all artifacts being retrieved to set the new revision value.

## Fixes

# Tasktop Integration Hub Fixes

## 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 does not have permission to see 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 being scheduled for other integrations due to an issue in an unrelated integration.

## Configuration History

- 117471: Fixed an issue where the history page failed to load after a state transition extension was deleted.

## Field Flow

- 119326: Fixed an error updating dependent single and multi select fields.

## Installers

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

## Operational Database

- 122137: Improved logging when failing to acquire the database lock.
- 121847: Change detection is now able to continue when encountering an artifact with a 4 byte character when using a mysql operational database

## Product Upgrades

- 122265: Fixed an issue where background jobs kept getting interrupted by internal processing restarts.

## Tasktop Integration Hub

- 118217: Fixed an issue where the ignored errors download returns a blank CSV



## Test Management

- 108326: Fixed an issue where Tosca test runs without a execution entry would error instead of being ignored.

## User Management

- 123065: Fixed errors viewing integrations, collections, models, or repositories, or downloading an error report, when logged in as a troubleshooting user.

## Connector-Specific Fixes

### Digital.ai Agility

- 123098: Fixed an issue where change detection was not triggered for artifacts where certain multi-link fields changed.

### GitLab Issues

- 122050: - Removed the internal restriction on the character limit of the description field

## Features

### Connector-Specific Features

#### Blueprint

- 122680: Added support for Blueprint version 13.1.

#### Micro Focus ALM

- 122984: Added support for Micro Focus ALM version 16.0.1.

#### Tricentis Tosca

- 121072: Added support for Tricentis Tosca version 15.0.

# Tasktop Release Notes - 22.2.0.20220317-b2926

Posted: March 22, 2022

- Fixes
  - Tasktop Integration Hub Fixes
    - Work Item Synchronization
  - Connector-Specific Fixes
    - Atlassian Jira
    - Jama Connect
- Features
  - Connector-Specific Features
    - Tricentis Tosca

## 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.
- 119026: Updated the connector to use Jama filenames so that filetypes would not be removed during synchronization due to a limitation in Jama's API.

#### Jama Connect

- 119026: Updated the connector to use Jama filenames so that filetypes would not be removed during synchronization due to a limitation in Jama's API.

## Features

### Connector-Specific Features

#### Tricentis Tosca

- 118859: Added support for Tricentis Tosca version 14.3.



# Tasktop Release Notes - 22.2.0.20220328-b2984

Posted: March 29, 2022

- Fixes
  - Tasktop Integration Hub Fixes
    - Tasktop Integration Hub
  - Connector-Specific Fixes
    - IBM Engineering Workflow Management
    - Micro Focus ALM
- Features
  - Tasktop Integration Hub Features
    - Repositories
  - Connector-Specific Features
    - codeBeamer
    - Digital.ai Release
    - Micro Focus ALM Octane
    - Salesforce
    - Tricentis qTest

## 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

- 123446: Fixed an issue where the connector failed to find resolution options if the status of an artifact was empty.

#### Micro Focus ALM

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

## Features

# Tasktop Integration Hub Features

## Repositories

- 121747: Added repository-level change detection on the Repository Connection screen.

## Connector-Specific Features

### codeBeamer

- 123167: Added support for Wiki Link / URL fields.

### Digital.ai Release

- 120088: Added support for Digital.ai Release versions 9.8-10.3.

### Micro Focus ALM Octane

- 122986: Added support for Micro Focus ALM Octane version 16.0.300.

### Salesforce

- 122841: Added support for synchronization of emailed attachments created with Salesforce Email-to-Case, by setting system property `com.tasktop.connector.salesforce.retrieveEmailToCaseAttachments.enabled` to `true` when launching Hub.

### Tricentis qTest

- 121855: Added support for Tricentis qTest versions 10.2-11.0.

# Tasktop Release Notes - 22.2.0.20220331-b3002

Posted: April 01, 2022

- Upgrade Notes
  - Connector-Specific Upgrade Notes
    - Microsoft Azure DevOps Server (TFS)
- Fixes
  - Tasktop Integration Hub Fixes
    - Repositories
  - Connector-Specific Fixes
    - Atlassian Jira
    - Broadcom Rally
    - IBM Engineering Workflow Management
- Features
  - Connector-Specific Features
    - Microsoft Azure DevOps Server (TFS)
    - Tricentis qTest

## Upgrade Notes

### Connector-Specific Upgrade Notes

#### Microsoft Azure DevOps Server (TFS)

- 122570: The connector now only supports Team Explorer Everywhere version 14.136.0. After upgrading the product, Hub must be configured to use this version. Files associated with older versions of Team Explorer Everywhere must be removed.

Refer to the documentation here: <https://docs.tasktop.com/tasktop/user-guide/quick-start-guide/step-1-connect-to-your-repository/standard-repository-connection#StandardRepositoryConnection-UploadingExternalFilesFiles>

## Fixes

### Tasktop Integration Hub Fixes

#### Repositories

- 123608: Added the "Allow Insecure Connections" repository option back to Hub Cloud.

### Connector-Specific Fixes

## Atlassian Jira

- 123050: Fixed an issue where updating a cascading select field produced an error if the parent field was mapped but the child field was not mapped.
- 120234: - Fixed an issue where incorrect service desk types would be flowed in an integration

## Broadcom Rally

- 123655: Fixed an issue where attachments close to the maximum size of 50MB might be prevented from being uploaded.

## IBM Engineering Workflow Management

- 121501: Fixed an issue where multiple users existing with the same ID but different casing blocked artifacts from synchronizing.

## Features

### Connector-Specific Features

#### Microsoft Azure DevOps Server (TFS)

- 122570: Fixed the connector to depend on a version of the Team Explorer Everywhere library that supports Java 11.

#### Tricentis qTest

- 102111: Added a repository screen field to the qTest connector for users to skip the virus scan and force download an attachment even if it's still being scanned or the scan failed.

# Tasktop Release Notes - 22.2.2

Posted: April 18, 2022

- Upgrade Notes
  - Tasktop Integration Hub Upgrade Notes
    - Installers
  - Connector-Specific Upgrade Notes
    - Atlassian Jira
    - Digital.ai Agility
    - Microsoft Azure DevOps Server (TFS)
    - Planview Enterprise
- Fixes
  - Tasktop Integration Hub Fixes
    - Activity & Issues
    - Artifact Filtering
    - Artifact Relationship Management (ARM)
    - Artifact Union
    - Change Detection
    - Configuration History
    - Container Synchronization
    - Field Flow
    - Infrastructure
    - Installers
    - Integrations
    - Logging
    - Operational Database
    - Product Upgrades
    - Repositories
    - Tasktop Integration Hub
    - Test Management
    - User Counting
    - User Management
    - Work Item Synchronization
  - Connector-Specific Fixes
    - Atlassian Jira
    - Atlassian Jira Align
    - BMC Remedy
    - Digital.ai Agility
    - GitLab Issues
    - IBM Engineering Workflow Management
    - Jama Connect
    - Micro Focus ALM
    - Microsoft Project Server
    - Planview Enterprise



- ServiceNow
- Targetprocess
- TestRail
- Features
  - Tasktop Integration Hub Features
    - Collections
    - Integrations
    - Metrics Dashboard
    - Repositories
    - Tasktop Integration Hub
    - User Counting
  - Connector-Specific Features
    - General (Integrations)
    - Atlassian Jira
    - Blueprint
    - Broadcom Clarity
    - Broadcom Rally
    - Clarizen
    - codeBeamer
    - Digital.ai Agility
    - Digital.ai Release
    - GitLab Issues
    - Micro Focus ALM
    - Micro Focus ALM Octane
    - Microsoft Azure DevOps Server (TFS)
    - Planview Enterprise
    - Polarion ALM
    - Salesforce
    - ServiceNow
    - Tricentis qTest
    - Tricentis Tosca
    - WhiteHat Sentinel

## 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.

### Connector-Specific Upgrade Notes

## Atlassian Jira

- 120976: If issues with writing the "!" and "|" characters in their wikitext fields appear, they will need to be manually resolved.
- 120772: If an integration was previously using Tempo worklogs and is unable to retrieve the proper Jira user, provide a Tempo API token on the Repository Connection screen.

## Digital.ai Agility

- 123098: Due to a change in the Digital.ai API, the revision for all Digital.ai Agility artifacts has been updated, which will result in all artifacts being retrieved to set the new revision value.

## Microsoft Azure DevOps Server (TFS)

- 121765: If using a scope with a custom-defined personal access token for authentication, you must add the "Read" permissions for "Identity."
- 121519: If using Azure DevOps version 2015 update 3 and later, any field mappings using the Board Column string field will need to be updated to use the new Board Column single select field.
- 122570: The connector now only supports Team Explorer Everywhere version 14.136.0. After upgrading the product, Hub must be configured to use this version. Files associated with older versions of Team Explorer Everywhere must be removed.

Refer to the documentation here: <https://docs.tasktop.com/tasktop/user-guide/quick-start-guide/step-1-connect-to-your-repository/standard-repository-connection#StandardRepositoryConnection-UploadingExternalFilesFiles>

## Planview Enterprise

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

## Fixes

### Tasktop Integration Hub Fixes

#### Activity & Issues

- 121568: Fixed an issue where disabled repositories blocked non-related integrations when ApplicationError migration failed.
- 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 were configured.
- 117223: Fixed an issue where changes to Artifact Union fields used in Artifact Filtering did not trigger synchronization.

## 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.

## Container Synchronization

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

## Field Flow

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

## Infrastructure

- 121322: Upgraded log4j to 2.17.0. [\[Security Fix\]](#)

## Installers

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

## Integrations

- 122856: Improved the performance of the routing dialog for integrations using a Clarizen container as a work item collection.
- 122355: Fixed an issue where updating an integration disabled the "Flow External Changes" functionality.

## Logging

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

## Operational Database

- 122356: Fixed an issue where the same artifact association entry was updated twice in the same batch.
- 122225: Fixed an issue where event processing was deadlocked with a UI error, resulting in CPU pressure on the 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.
- 121737: Fixed an issue where event processing was delayed on MySQL 5.
- 121729: Added a new startup mode to allow Hub to start in troubleshooting mode.
- 121517: Fixed an issue where long-running background jobs sometimes failed and prevented an upgrade from completing successfully.

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

## Repositories

- 123608: Added the "Allow Insecure Connections" repository option back to Hub Cloud.

## Tasktop Integration Hub

- 123692: Fixed an issue where internal service restarts sometimes blocked processing.
- 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.
- 122346: Upgraded Tomcat dependencies to 8.5.75. [\[Security Fix\]](#)
- 121878: Fixed an issue where a warning dialog was not displayed when refreshing a page with unsaved changes.
- 121612: Fixed an issue where recurring authentication errors used too much memory.

## Test Management

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

## User Counting

- 122241: Fixed an issue where transferring to an external database sometimes failed when person observations were tracked.

## User Management

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

## Work Item Synchronization

- 123342: Fixed an issue where corrupted comments/attachments were synchronized back to the source artifact.
- 121442: Fixed an issue where a "conflicting key" error blocked event processing.
- 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

### Atlassian Jira

- 123192: Fixed an issue where the Parent field was incorrectly marked as required.
- 123050: Fixed an issue where updating a cascading select field produced an error if the parent field was mapped but the child field was not mapped.
- 122874: Fixed an issue where artifacts with more than 20 Tempo worklogs returned with an invalid worklog author.
- 120976: Updated Mylyn wikitext library for Jira to escape "!" and "|" characters.
- 119026: Updated the connector to use Jama filenames so that filetypes would not be removed during synchronization due to a limitation in Jama's API.
- 120234: Fixed an issue where incorrect service desk types were assigned to artifacts.
- 122677: Fixed an issue where Hub failed to retry events when authentication expired.

### Atlassian Jira Align

- 122002: Fixed an issue where updating the Points field on a Feature to an empty value had no effect. The value of the Points field now updates to 0 instead of an empty value.

### BMC Remedy

- 119516: Fixed an issue where unmapped fields sometimes failed dependency validation when updating artifacts.
- 122347: Fixed an issue where state transitions sometimes failed when enforcing date restrictions.

## **Digital.ai Agility**

- 123098: Fixed an issue where artifacts were not detected as changed if certain multi-link fields changed.
- 121740: Fixed an issue where a limited number of results were returned during change detection.

## **GitLab Issues**

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

## **IBM Engineering Workflow Management**

- 123446: Fixed an issue where the connector failed to find resolution options if the status of an artifact was empty.
- 121501: Fixed an issue where multiple users existing with the same ID but different casing blocked artifacts from synchronizing.

## **Jama Connect**

- 119026: Updated the connector to use Jama filenames so that filetypes would not be removed during synchronization due to a limitation in Jama's API.

## **Micro Focus ALM**

- 123332: Fixed an issue where attachments in Micro Focus ALM could be duplicated during creation.
- 122161: Fixed an issue where an empty Last Modified Date prevented Test Folders from synchronizing.
- 122176: Fixed an issue where requests were not properly authorized when using API Key Access authentication.

## **Microsoft Project Server**

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

## **Planview Enterprise**

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

## ServiceNow

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

## Targetprocess

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

## TestRail

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

## Features

### Tasktop Integration Hub Features

#### Collections

- 119595: You can now set a default person on the Person Reconciliation screen to be applied when a user-not-found error occurs.

#### Integrations

- 117337: Added a search box to the Conditional Routing screen.
- 110975: Updated the default Container Matching setting to "Do not match" for Container + Work Item Synchronizations.

#### Metrics Dashboard

- 121853: Added an Hours Saved section to the ROI Dashboard on the Metrics screen.
- 121849: Updated the UI of the created/updated sections on the Metrics screen.
- 120589: The User Counting feature is now enabled by default.
- 120453: Updated the UI of the Metrics screen.
- 108192: Filters that are set on the Metrics screen now persist when returning to the Metrics screen after navigating to a different page.

#### Repositories

- 121747: Added repository-level change detection on the Repository Connection screen.

## Tasktop Integration Hub

- 98268: Added a pop-up window to log back in when a session expires.

## User Counting

- 122336: Updated the name for the "Watcher" user type to "Excluded User."

## Connector-Specific Features

### General (Integrations)

- 121652: Updated Mylyn wikitext to 3.0.42 to address a Jira issue.

### Atlassian Jira

- 122717: Added support for custom fields created with the Label Manager for Jira plugin.
- 122678: Added support for Atlassian Jira version 8.22.
- 122629: Added support for Jira Service Management version 4.22.
- 121456: Added support for Jira Tempo Timesheets versions 11.9.2, 15.0.0, 15.0.1, 15.0.2, 15.1.0, 15.1.1, 15.2.0, and 15.2.1.
- 120970: Added support for Atlassian Jira versions 8.20 and 8.21.
- 120969: Added support for Jira Service Management versions 4.20 and 4.21.
- 120772: When using the Tempo plugin on Jira Cloud, the connector now uses the original Jira timesheet author instead of the default 'Tempo Timesheet' user. A Tempo API token must be provided.
- 122473: Added support for a new relationship field in Jira for X-Ray artifact types. Added support for Test Steps in X-Ray test types.

### Blueprint

- 122680: Added support for Blueprint version 13.1.
- 120745: Added support for Blueprint version 12.x.

### Broadcom Clarity

- 122378: Added support for Broadcom Clarity version 16.0.1.
- 121684: Updated the logo for Broadcom Clarity.
- 120263: Added support for Broadcom Clarity version 16.0.0.

### Broadcom Rally



- 121679: Updated the logo for Broadcom Rally.

## Clarizen

- 120222: Added support for Program and Project artifact types as containers.
- 120220: Added support for the Clarizen connector.
- 120190: Added support for state transitions.

## codeBeamer

- 123167: Added support for Wiki Link / URL fields.

## Digital.ai Agility

- 120117: Added support for Digital.ai Agility version 21.3.

## Digital.ai Release

- 120088: Added support for Digital.ai Release versions 9.8-10.3.

## GitLab Issues

- 120659: Added support for GitLab versions 14.3 to 14.5.
- 122348: Added support for GitLab Issues versions 14.7-14.9.

## Micro Focus ALM

- 122984: Added support for Micro Focus ALM version 16.0.1.
- 119138: Added support for Micro Focus ALM version 16.

## Micro Focus ALM Octane

- 122986: Added support for Micro Focus ALM Octane version 16.0.300.
- 120819: Added support for Micro Focus ALM Octane version 16.0.

## Microsoft Azure DevOps Server (TFS)

- 121765: Added support for email as a person reconciliation field for TFS/ADO versions 2015 and higher.
- 121519: Added support for Board Column as a single select field (Azure DevOps versions 2015 update 3 and later).
- 122570: The connector now uses a version of the Team Explorer Everywhere library that supports Java 11.

## Planview Enterprise

- 121087: The Project field is now writeable for artifacts directly below the Project (Primary Planning Level) type.

## **Polarion ALM**

- 119105: Added support for Polarion ALM versions 20 to 21 R2.

## **Salesforce**

- 122841: Added support for synchronization of emailed attachments created with Salesforce Email-to-Case, by setting system property `com.tasktop.connector.salesforce.retrieveEmailToCaseAttachments.enabled` to true when launching Hub.
- 122310: Added the ability to search for an artifact by Type and ID in Salesforce.

## **ServiceNow**

- 122993: Added support for ServiceNow San Diego.

## **Tricentis qTest**

- 121855: Added support for Tricentis qTest versions 10.2-11.0.

## **Tricentis Tosca**

- 121072: Added support for Tricentis Tosca version 15.0.
- 118859: Added support for Tricentis Tosca version 14.3.

## **WhiteHat Sentinel**

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

# Tasktop Release Notes - 22.2.3

Posted: April 25, 2022

- Fixes
  - Tasktop Integration Hub Fixes
    - Container Synchronization
    - Metrics Dashboard
    - Work Item Synchronization
  - Connector-Specific Fixes
    - IBM Engineering Workflow Management

## Fixes

### Tasktop Integration Hub Fixes

#### Container Synchronization

- 123600: Fixed an issue where synchronization failed when the repository authentication token expired.

#### Metrics Dashboard

- 123281: Fixed an issue where the Metrics screen kept refreshing after updating the date range for users in EU time zones.

#### Work Item Synchronization

- 124085: Fixed an issue where page descriptions sometimes did not render correctly.

### 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 - 22.2.4

Posted: May 04, 2022

- Fixes
  - Tasktop Integration Hub Fixes
    - Integrations
  - Connector-Specific Fixes
    - Targetprocess

## Fixes

### Tasktop Integration Hub Fixes

#### Integrations

- 121586: Fixed an issue where Landscape View was not displayed when there was a disabled repository.

### 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.

# Tasktop Release Notes - 22.2.5

Posted: May 06, 2022

- Fixes
  - Tasktop Integration Hub Fixes
    - Collections
    - Work Item Synchronization
  - Connector-Specific Fixes
    - Atlassian Jira
    - BMC Remedy
    - Microsoft Azure DevOps Server (TFS)
    - Planview LeanKit
    - TestRail
- Features
  - Connector-Specific Features
    - Atlassian Jira
    - GitLab Issues

## 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.

### Connector-Specific Fixes

#### Atlassian Jira

- 124157: Fixed an issue that occurred when listing or retrieving attachments from Zephyr Cloud Test Executions.

#### BMC Remedy

- 121462: Fixed an issue where the BMC Remedy connector could not retrieve attachments created via the Remedy SmartIT UI.

## Microsoft Azure DevOps Server (TFS)

- 123236: Fixed an issue where tags were synchronized back to the repository using the tag ID instead of the tag label.

## Planview LeanKit

- 121412: Improved the error message in the Leankit connector, when a linked artifact is not found, to include the ID for the missing card.

## TestRail

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

## Features

### Connector-Specific Features

#### Atlassian Jira

- 123804: Added support for custom fields for Jira Xray artifact types.

#### GitLab Issues

- 123887: Added support for GitLab Flavored Markdown tables containing text formatted with basic Markdown elements.

# Tasktop Release Notes - 22.2.6

Posted: May 12, 2022

- [Upgrade Notes](#)
  - [Tasktop Integration Hub Upgrade Notes](#)
    - [Installers](#)
- [Fixes](#)
  - [Connector-Specific Fixes](#)
    - [Planview LeanKit](#)

## Upgrade Notes

### Tasktop Integration Hub Upgrade Notes

#### Installers

- 124446: Tasktop now supports Windows environments that require PowerShell scripts to be signed, but Tasktop must be added to the Trusted Publishers store to run on such environments. The simplest way to do this is to install the latest version of Tasktop Integration Hub on the machine, log in as the user that will be used to run Tasktop, run PowerShell as administrator, type C:\Program Files\Tasktop\container\bin\setenv.ps1, press enter, type 'A' and press enter.

Alternatively, the following PowerShell commands can be used to add Tasktop to the Trusted Publishers store for the whole computer. Note that they must be pasted into a PowerShell terminal, run as administrator, not run as a PowerShell script because the script would be unsigned. These can be run by any user once Tasktop is installed:

```
$Cert = New-Object System.Security.Cryptography.X509Certificates.X509Certificate2 $Cert.  
Import((((Get-AuthenticodeSignature "C:\Program Files\Tasktop\container\bin\setenv.ps1").  
SignerCertificate).Export([System.Security.Cryptography.X509Certificates.  
X509ContentType]::Cert))) $store = Get-Item "cert:\LocalMachine\TrustedPublisher" $store.  
Open([System.Security.Cryptography.X509Certificates.OpenFlags]"ReadWrite") $store.Add  
($Cert) $store.Close()
```

## Fixes

### Connector-Specific Fixes

#### Planview LeanKit

- 115011: Fixed an issue where the External Link URL field was not synchronized when it ended with space characters.



# Tasktop Release Notes - 22.2.7

Posted: May 18, 2022

- Upgrade Notes
  - Tasktop Integration Hub Upgrade Notes
    - Twinless Artifact Update
- Fixes
  - Tasktop Integration Hub Fixes
    - Support and Usage Report
    - Twinless Artifact Update
    - Work Item Synchronization
  - Connector-Specific Fixes
    - Polarion ALM

## Upgrade Notes

### Tasktop Integration Hub Upgrade Notes

#### Twinless Artifact Update

- 123820: If Twinless Updates were missed, they can be triggered using Process All Artifacts. This will also trigger Twinless Updates for artifacts that were deleted before Twinless Update was enabled for the integration.

## Fixes

### Tasktop Integration Hub Fixes

#### Support and Usage Report

- 124435: Fixed an issue where the Support and Usage Report could not be downloaded.

#### Twinless Artifact Update

- 123820: Fixed an issue where Twinless Updates sometimes did not occur when artifacts were deleted.

#### Work Item Synchronization

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

### Connector-Specific Fixes

#### Polarion ALM

- 123989: Fixed an issue that occurred when retrieving fields with an empty label.

# Tasktop Release Notes - 22.2.8

Posted: May 26, 2022

- Fixes
  - Tasktop Integration Hub Fixes
    - Work Item Synchronization
  - Connector-Specific Fixes
    - Atlassian Jira Align
    - codeBeamer
    - ServiceNow

## Fixes

### Tasktop Integration Hub Fixes

#### Work Item Synchronization

- 124579: Fixed an issue where sometimes authentication errors were not retried.

### Connector-Specific Fixes

#### Atlassian Jira Align

- 124219: Fixed the endpoint for the Developmental Process Step field

#### codeBeamer

- 124565: Fixed an issue where reauthenticating expired sessions sometimes timed out when using a proxy to access the authentication endpoint.

#### ServiceNow

- 123121: Fixed an issue where the connector could not retrieve artifacts with a large number of fields.

# Tasktop Release Notes - 22.2.9

Posted: June 01, 2022

- Fixes
  - Connector-Specific Fixes
    - Atlassian Jira
    - codeBeamer
    - Micro Focus PPM
- Features
  - Connector-Specific Features
    - Atlassian Jira

## Fixes

### Connector-Specific Fixes

#### Atlassian Jira

- 124785: Fixed an issue where change detection was sometimes missed on Sprint artifacts.

#### codeBeamer

- 123946: Fixed an issue where HTML attachments failed to synchronize.

#### Micro Focus PPM

- 124784: Fixed an issue where changes for some request items were not detected.

## Features

### Connector-Specific Features

#### Atlassian Jira

- 123324: Added support for Xray Test Repository Board Folders as a container type.
- 123323: Added support for Xray Test Runs.

# Tasktop Release Notes - 22.2.10

Posted: June 08, 2022

- Fixes
  - Tasktop Integration Hub Fixes
    - Container Synchronization
  - Connector-Specific Fixes
    - codeBeamer
    - Jama Connect
    - Targetprocess

## Fixes

### Tasktop Integration Hub Fixes

#### Container Synchronization

- 124715: Improved the performance of container synchronizations.

### Connector-Specific Fixes

#### codeBeamer

- 123609: Fixed an issue where authentication expiry was not automatically renewed.

#### Jama Connect

- 118490: Fixed an issue where mapping Jama container fields sometimes caused unnecessary change detection.
- 109827: Fixed an issue where an error would occur if the Full Name field was empty.

#### Targetprocess

- 124735: Fixed an issue where an error occurred if the Display Name field was empty.

# Tasktop Release Notes - 22.2.11

Posted: June 16, 2022

- Fixes
  - Connector-Specific Fixes
    - Atlassian Jira
    - BMC Remedy
  - SDK-Specific Fixes
    - SDK

## Fixes

### Connector-Specific Fixes

#### Atlassian Jira

- 124880: Fixed an issue where an error occurred when using OAuth for authentication.

#### BMC Remedy

- 125111: Addressed a performance issue where some fields in Remedy were not properly caching options.

### SDK-Specific Fixes

#### SDK

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

# Tasktop Release Notes - 22.2.12

Posted: June 21, 2022

- Fixes
  - Connector-Specific Fixes
    - Microsoft Project Server
    - Planview Enterprise
    - Planview LeanKit
    - PTC Windchill
    - Tricentis Tosca

## Fixes

### Connector-Specific Fixes

#### Microsoft Project Server

- 125138: Added a configuration option to the Repository Connection screen to specify the deployment type.

#### Planview Enterprise

- 124081: Fixed an issue where synchronizing multi-select fields failed or synchronized with incorrect values.

#### Planview LeanKit

- 124584: Fixed an issue where an error occurred if a URL wasn't specified when synchronizing Web Links.

#### PTC Windchill

- 123656: Fixed an issue where retrieving dates using a '/' separator sometimes failed.

#### Tricentis Tosca

- 124987: Fixed an issue preventing containers from being listed under certain conditions

# Tasktop Release Notes - 22.2.13

Posted: June 29, 2022

- Fixes
  - Connector-Specific Fixes
    - Micro Focus ALM Octane
    - Tricentis Tosca

## Fixes

### Connector-Specific Fixes

#### Micro Focus ALM Octane

- 117846: Fixed an issue that sometimes prevented available workspaces from being listed.

#### Tricentis Tosca

- 124987: Fixed an issue where containers were sometimes not listed.



# Tasktop Release Notes - 22.2.14

Posted: July 14, 2022

- Upgrade Notes
  - Connector-Specific Upgrade Notes
    - Atlassian Jira
- Fixes
  - Tasktop Integration Hub Fixes
    - Work Item Synchronization
  - Connector-Specific Fixes
    - Atlassian Jira
    - Broadcom Clarity
    - IBM Engineering Requirements Management DOORS Family
    - Planview LeanKit

## Upgrade Notes

### Connector-Specific Upgrade Notes

#### Atlassian Jira

- 125434: Labels created for custom label fields may still not be returned correctly by the Jira Cloud API. This means that some label values may not appear when mapping field values to the model in Hub. As a workaround, users should set the Tasktop model field to accept unmapped values.

## Fixes

### Tasktop Integration Hub Fixes

#### Work Item Synchronization

- 125112: Fixed an issue where Hub ran extensions on artifacts that were filtered out.

### Connector-Specific Fixes

#### Atlassian Jira

- 125434: Fixed an issue where labels sometimes were not returned correctly on Jira Cloud.

#### Broadcom Clarity

- 125669: Fixed an issue where sub-second values for Actuals Sum for Labor Resources caused an error.

## **IBM Engineering Requirements Management DOORS Family**

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

## **Planview LeanKit**

- 125615: The LeanKit connector now returns a more accurate error response when lacking permissions to list users.

# Tasktop Release Notes - 22.2.15

Posted: July 20, 2022

- Upgrade Notes
  - Connector-Specific Upgrade Notes
    - Jama Connect
- Fixes
  - Tasktop Integration Hub Fixes
    - Work Item Synchronization
  - Connector-Specific Fixes
    - Atlassian Jira
    - Jama Connect

## Upgrade Notes

### Connector-Specific Upgrade Notes

#### Jama Connect

- 118592: Upon upgrade, the Jama Item Path field will no longer be available and will be removed from any existing collection mappings.

## Fixes

### Tasktop Integration Hub Fixes

#### Work Item Synchronization

- 124931: Fixed an issue where Hub did not respect very short retry hints after reaching an API limit.

### Connector-Specific Fixes

#### Atlassian Jira

- 125564: Fixed an issue that resulted in performance degradation when both R4J and XRay plugins were installed on the same integrated Jira instance.
- 125541: Fixed an issue where Xray Server support was enabled for unsupported versions of the Xray Server plugin.

#### Jama Connect

- 118592: Removed the Item Path field from the Jama connector.

# Tasktop Release Notes - 22.2.16

Posted: July 28, 2022

- Fixes
  - Connector-Specific Fixes
    - Broadcom Rally
    - Clarizen
    - IBM Engineering Requirements Management DOORS Next
    - IBM Engineering Workflow Management
- Features
  - Connector-Specific Features
    - Digital.ai Agility

## Fixes

### Connector-Specific Fixes

#### Broadcom Rally

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

#### Clarizen

- 125569: Fixed an issue where single selects with '/' in the label were incorrectly treated as empty values.

#### IBM Engineering Requirements Management DOORS Next

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

#### IBM Engineering Workflow Management

- 125999: Fixed an issue where existing artifact links were cleared out when updating unrelated fields on an artifact.

## Features

### Connector-Specific Features

#### Digital.ai Agility

- 125912: Improved search performance in Digital.ai Agility.

# Tasktop Release Notes - 22.2.17

Posted: August 05, 2022

- Fixes
  - Connector-Specific Fixes
    - Sparx Systems Pro Cloud Server

## Fixes

### Connector-Specific Fixes

#### Sparx Systems Pro Cloud Server

- 126096: Fixed an issue where items with a non-package parent could not be created.

# Tasktop Release Notes - 22.2.18

Posted: August 17, 2022

- Fixes
  - Connector-Specific Fixes
    - Atlassian Jira
    - Broadcom Rally

## Fixes

### Connector-Specific Fixes

#### Atlassian Jira

- 126366: Fixed an issue where listing labels failed when the repository had a large number of labels.

#### Broadcom Rally

- 126209: Fixed an issue where "Defect" types for Rally Test Cases' Work Product field could not be synchronized.

# Tasktop Release Notes - 22.2.19

Posted: August 19, 2022

## Fixes

- This release contains a number of bug fixes.

# Tasktop Release Notes - 22.2.20

Posted: August 23, 2022

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

## Fixes

### Connector-Specific Fixes

#### Atlassian Jira

- 126324: Changed handling of folder listing for unsupported versions of the XRay plugin (versions below 6).

#### IBM Engineering Workflow Management

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



# Tasktop Release Notes - 22.2.21

Posted: August 30, 2022

- **Fixes**
  - **Tasktop Integration Hub Fixes**
    - **Product Upgrades**
  - **Connector-Specific Fixes**
    - **Atlassian Jira**
    - **IBM Engineering Requirements Management DOORS Next**

## Fixes

### Tasktop Integration Hub Fixes

#### Product Upgrades

- 126381: Fixed an issue where repositories sometimes could not be enabled after an upgrade.

### Connector-Specific Fixes

#### Atlassian Jira

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

#### 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.

# Tasktop Release Notes - 22.2.22

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 - 22.2.23

Posted: October 19, 2022

## Fixes

- This release contains a number of bug fixes.

# Tasktop Release Notes - 22.2.24

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 - 22.2.25

Posted: November 09, 2022

## Fixes

- This release contains a number of bug fixes.

# Tasktop Release Notes - 22.2.26

Posted: November 16, 2022

- Fixes
  - Connector-Specific Fixes
    - Broadcom Rally

## Fixes

### Connector-Specific Fixes

#### Broadcom Rally

- 125527: Fixed an issue that prevented Rally defect artifacts with "Flow State" fields from synchronizing.

# Tasktop Release Notes - 22.2.27

Posted: November 23, 2022

- Upgrade Notes
  - Connector-Specific Upgrade Notes
    - 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>

## 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 - 22.2.28

Posted: November 30, 2022

- Fixes
  - Tasktop Integration Hub Fixes
    - Extensions
  - Connector-Specific Fixes
    - Atlassian Jira

## Fixes

### Tasktop Integration Hub Fixes

#### Extensions

- 128684: Fixed an issue where searching extensions by content did not work.

### Connector-Specific Fixes

#### Atlassian Jira

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



# Tasktop Release Notes - 22.2.29

Posted: December 20, 2022

- Fixes
  - Tasktop Integration Hub Fixes
    - Tasktop Integration Hub

## Fixes

### Tasktop Integration Hub Fixes

#### Tasktop Integration Hub

- 128842: Fixed an issue where the logo was misaligned on the session timeout log in window.

# Tasktop Release Notes - 22.2.30

Posted: December 27, 2022

- Fixes
  - Tasktop Integration Hub Fixes
    - Product Upgrades

## Fixes

### Tasktop Integration Hub Fixes

#### Product Upgrades

- 127871: Fixed upgrade failure with the large number of migrating column change

# Tasktop Release Notes - 22.2.31

Posted: January 11, 2023

## Fixes

### Tasktop Integration Hub

- 129542: Upgraded tomcat to 8.5.84.

# Tasktop Release Notes - 22.2.32

Posted: January 17, 2023

- Fixes
  - Connector-Specific Fixes
    - Apptio TargetProcess

## Fixes

### Connector-Specific Fixes

#### Apptio TargetProcess

- 129741: Fixed an issue where users could not connect to the Targetprocess repository.

# Tasktop Release Notes - 22.2.33

Posted: February 01, 2023

## Fixes

- This release contains a number of bug fixes.

# Tasktop Release Notes - 22.2.34

Posted: February 08, 2023

- Fixes
  - Tasktop Integration Hub Fixes
    - Artifact Pair Management

## Fixes

### Tasktop Integration Hub Fixes

#### Artifact Pair Management

- 126818: Fixed an issue where some artifact pairs could not be found.

# Tasktop Release Notes - 22.2.35

Posted: February 15, 2023

- Fixes
  - Tasktop Integration Hub Fixes
    - Test Management

## Fixes

### Tasktop Integration Hub Fixes

#### Test Management

- 130329: Fixed an issue where synchronizing Tricentis Tosca Execution Logs to Test Runs resulted in an error.

# Tasktop Release Notes - 22.2.36

Posted: March 29, 2023

- Fixes
  - Tasktop Integration Hub Fixes
    - Tasktop Integration Hub
  - SDK-Specific Fixes
    - SDK

## Fixes

### Tasktop Integration Hub Fixes

#### Tasktop Integration Hub

- 131436: Upgraded Spring Boot to version 2.7.10, fixing CVE-2023-20860. [\[Security Fix\]](#)

### SDK-Specific Fixes

#### SDK

- 131374: Fixed an issue where listing available options for a single or multi-select field sometimes took a long time to process if the artifact schema contained many fields.