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22.3 Release Notes

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

★ indicates major quarterly release

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Tasktop Release Notes - 22.3.0.20220406-b3032

Posted: April 06, 2022

- Fixes
 - Tasktop Integration Hub Fixes
 - Tasktop Integration Hub
- Features
 - Tasktop Integration Hub Features
 - Collections
 - Connector-Specific Features
 - Atlassian Jira
 - Micro Focus Dimensions RM

Fixes

Tasktop Integration Hub Fixes

Tasktop Integration Hub

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

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.

Connector-Specific Features

Atlassian Jira

- 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.

Micro Focus Dimensions RM

- 121327: Added support for Micro Focus Dimensions version 12.9.

Tasktop Release Notes - 22.3.0.20220411-b3056

Posted: April 12, 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 - 22.3.0.20220418-b3091

Posted: April 19, 2022

- Fixes
 - Connector-Specific Fixes
 - BMC Remedy
- Features
 - Connector-Specific Features
 - GitLab Issues
 - PTC Windchill RV&S
 - ServiceNow

Fixes

Connector-Specific Fixes

BMC Remedy

- 122347: Fixed an issue where state transitions sometimes failed when enforcing date restrictions.

Features

Connector-Specific Features

GitLab Issues

- 122348: Added support for GitLab Issues versions 14.7-14.9.

PTC Windchill RV&S

- 123839: Removed support for PTC Windchill RV&S 12.0.

ServiceNow

- 122993: Added support for ServiceNow San Diego.

Tasktop Release Notes - 22.3.0.20220425-b3129

Posted: April 25, 2022

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

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.

Features

Tasktop Integration Hub Features

Logging

- 121882: The Tasktop-state report now includes hard disk space and total memory metrics.

Connector-Specific Features

Tricentis qTest

- 123666: Added support for qTest versions 11.0.1-11.0.2.

Tasktop Release Notes - 22.3.0.20220502-b3165

Posted: May 04, 2022

- Fixes
 - Tasktop Integration Hub Fixes
 - Integrations
 - Connector-Specific Fixes
 - BMC Remedy
 - Targetprocess
 - TestRail
- Features
 - Tasktop Integration Hub Features
 - User Counting
 - Connector-Specific Features
 - Atlassian Jira
 - GitLab Issues

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

BMC Remedy

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

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.

Features

Tasktop Integration Hub Features

User Counting

- 124300: The 1-raw-data.csv file in the User Count Report now includes additional details on user exclusion.

Connector-Specific Features

Atlassian Jira

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

GitLab Issues

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

Tasktop Release Notes - 22.3.0.20220508-b3196

Posted: May 10, 2022

- Fixes
 - Tasktop Integration Hub Fixes
 - Collections
 - Work Item Synchronization
 - Connector-Specific Fixes
 - Atlassian Jira
 - Microsoft Azure DevOps Server (TFS)
 - Planview LeanKit
- Features
 - Tasktop Integration Hub Features
 - User Counting

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.

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: Added IDs to error message to identify missing/deleted cards.
- 115011: Fixed an issue where the External Link URL field was not synchronized when it ended with space characters.

Features

Tasktop Integration Hub Features

User Counting

- 124303: Updated User Count person reconciliation to be case insensitive.

Tasktop Release Notes - 22.3.0.20220523-b3272

Posted: May 24, 2022

- Upgrade Notes
 - Tasktop Integration Hub Upgrade Notes
 - Installers
 - Twinless Artifact Update
- Fixes
 - Tasktop Integration Hub Fixes
 - Support and Usage Report
 - Twinless Artifact Update
 - Work Item Synchronization
 - Connector-Specific Fixes
 - Atlassian Jira Align
 - Polarion ALM
- Features
 - Tasktop Integration Hub Features
 - Tasktop Integration Hub
 - User Counting
 - Connector-Specific Features
 - SmartBear QAComplete

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 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()
```

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

- 124579: Fixed an issue where sometimes authentication errors were not retried.
- 122012: Fixed an issue where web links without a URL could not be synchronized.

Connector-Specific Fixes

Atlassian Jira Align

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

Polarion ALM

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

Features

Tasktop Integration Hub Features

Tasktop Integration Hub

- 124719: Updated the labels on the Metrics screen charts.

- 115873: The Save/Done and Cancel buttons will now stick to the top of the screen when scrolling down.

User Counting

- 124387: The Integration Exclusions tab now includes an option to exclude test integrations.
- 124305: The User Count Report now includes a breakdown of the 12-month user count.

Connector-Specific Features

SmartBear QAComplete

- 118839: Added support for Smartbear QAComplete versions 12.40-12.90.

Tasktop Release Notes - 22.3.0.20220530-b3307

Posted: May 31, 2022

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - BMC Remedy
- Fixes
 - Tasktop Integration Hub Fixes
 - Container Synchronization
 - Connector-Specific Fixes
 - Atlassian Jira
 - Atlassian Jira Align
 - codeBeamer
 - Micro Focus PPM
 - ServiceNow
- Features
 - Tasktop Integration Hub Features
 - Tasktop Integration Hub
 - Connector-Specific Features
 - Atlassian Jira
 - BMC Remedy
 - Tricentis Tosca

Upgrade Notes

Connector-Specific Upgrade Notes

BMC Remedy

- 124369: Upon upgrading, you may notice that previous BMC Remedy SOAP integration(s) result in a 404 Error that blocks migration. This is a result of the SOAP option deprecation. Migration can only occur after the new REST address is provided in Hub.

Please do not check "Use REST API" as this field has been deprecated. This field will produce errors if checked on the UI.

Once the new endpoint has been entered, the information saved, and the migration complete, the integration should work as expected.

Fixes

Tasktop Integration Hub Fixes

Container Synchronization

- 124715: Improved the performance of container synchronization.

Connector-Specific Fixes

Atlassian Jira

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

Atlassian Jira Align

- 124219: Fixed an issue where the Developmental Process Step field could not be read.

codeBeamer

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

ServiceNow

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

Features

Tasktop Integration Hub Features

Tasktop Integration Hub

- 111765: When Planview E1 is selected for license generation the workitem treatment for container will be automatically enabled.

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.

BMC Remedy

- 124369: The BMC Remedy SOAP option has been deprecated. Please ensure URLs are updated from SOAP to REST-based URLs.

Tricentis Tosca

- 124342: Added support for Tricentis Tosca version 15.1.

Tasktop Release Notes - 22.3.0.20220608-b3361

Posted: June 09, 2022

- Fixes
 - Tasktop Integration Hub Fixes
 - User Counting
 - Connector-Specific Fixes
 - Atlassian Jira
 - codeBeamer
 - Jama Connect
 - Planview Enterprise
 - Planview LeanKit
 - Targetprocess
- Features
 - Connector-Specific Features
 - Asana
 - Clarizen

Fixes

Tasktop Integration Hub Fixes

User Counting

- 124985: Fixed an issue where files in the User Count Report contained duplicate columns.

Connector-Specific Fixes

Atlassian Jira

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

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.

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.

Targetprocess

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

Features

Connector-Specific Features

Asana

- 111235: Added support for the Asana connector.

Clarizen

- 120192: Added support for Timesheets in Clarizen.

Tasktop Release Notes - 22.3.0.20220613-b3387

Posted: June 14, 2022

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

Fixes

Tasktop Integration Hub Fixes

Repositories

- 125126: Fixed an issue where repositories with non-standard default authenticators could not be created.

SDK-Specific Fixes

SDK

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

Tasktop Release Notes - 22.3.0.20220617-b3408

Posted: June 17, 2022

- Fixes
 - Tasktop Integration Hub Fixes
 - Extensions
 - Connector-Specific Fixes
 - codeBeamer
 - Microsoft Project Server
 - Planview LeanKit
 - PTC Windchill
- Features
 - Connector-Specific Features
 - Micro Focus PPM

Fixes

Tasktop Integration Hub Fixes

Extensions

- 125215: Fixed an issue where the value of a key value store pair was displayed incorrectly.

Connector-Specific Fixes

codeBeamer

- 125130: Fixed an issue where reauthenticating expired sessions could continue to time out when using a proxy to access the authentication endpoint.

Microsoft Project Server

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

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.

Features

Connector-Specific Features

Micro Focus PPM

- 120818: Added support for Micro Focus PPM version 10.0.

Tasktop Release Notes - 22.3.0.20220618-b3414

Posted: June 21, 2022

Fixes

- This release contains a number of bug fixes.

Tasktop Release Notes - 22.3.0.20220627-b3455

Posted: June 28, 2022

- Fixes
 - Connector-Specific Fixes
 - Micro Focus ALM Octane
 - Planview Enterprise
 - Tricentis Tosca
- Features
 - Tasktop Integration Hub Features
 - Settings

Fixes

Connector-Specific Fixes

Micro Focus ALM Octane

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

Planview Enterprise

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

Tricentis Tosca

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

Features

Tasktop Integration Hub Features

Settings

- 124175: Added support for multiple recipients to receive email notifications.

Tasktop Release Notes - 22.3.0.20220704-b3490

Posted: July 05, 2022

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - BMC Remedy
- Fixes
 - Connector-Specific Fixes
 - IBM Engineering Requirements Management DOORS Family
- Features
 - Connector-Specific Features
 - BMC Remedy
 - Clarizen
 - Digital.ai Agility
 - GitLab Issues
 - Jama Connect
 - Planview PPM Pro
 - Polarion ALM
 - SmartBear QAComplete
 - Tricentis Tosca

Upgrade Notes

Connector-Specific Upgrade Notes

BMC Remedy

- 125080: Any integrations including comments will need to remap the comment flow configuration.

Fixes

Connector-Specific Fixes

IBM Engineering Requirements Management DOORS Family

- 125373: Fixed an issue where image attachments would fail to sync from DOORS.

Features

Connector-Specific Features

BMC Remedy

- 125080: Added support for BMC Remedy public/private comments.

Clarizen

- 124099: Added support for Comments in Clarizen.

Digital.ai Agility

- 124339: Added support for Digital.ai Agility versions 22.0 and 22.1.

GitLab Issues

- 124340: Added support for linked issues through the Blocks, Is Blocked By, and Relates To fields.

Jama Connect

- 125290: Added support for Jama Connect version 8.74.

Planview PPM Pro

- 124978: Added support for Project and Type search.

Polarion ALM

- 124348: Added support for Polarion ALM version 22 R1.

SmartBear QAComplete

- 122977: Added support for SmartBear QAComplete version 14.0.

Tricentis Tosca

- 125188: Added support for Tricentis Tosca version 15.2 LTS.

Tasktop Release Notes - 22.3.1

Posted: July 18, 2022

- Upgrade Notes
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 - Installers
 - Twinless Artifact Update
 - Connector-Specific Upgrade Notes
 - Atlassian Jira
 - BMC Remedy
 - Microsoft Azure DevOps Server (TFS)
- Fixes
 - Tasktop Integration Hub Fixes
 - Collections
 - Container Synchronization
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 - Integrations
 - Metrics Dashboard
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 - Tasktop Integration Hub
 - Twinless Artifact Update
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 - Connector-Specific Fixes
 - Atlassian Jira
 - Atlassian Jira Align
 - BMC Remedy
 - Broadcom Clarity
 - Broadcom Rally
 - codebeamer
 - IBM Engineering Requirements Management DOORS Family
 - IBM Engineering Workflow Management
 - Jama Connect
 - Micro Focus ALM Octane
 - Micro Focus PPM
 - Microsoft Azure DevOps Server (TFS)
 - Microsoft Project Server
 - Planview Enterprise
 - Planview LeanKit
 - Polarion ALM
 - PTC Windchill
 - ServiceNow
 - Targetprocess

- TestRail
 - Tricentis qTest
 - Tricentis Tosca
- SDK-Specific Fixes
 - SDK
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 - Tasktop Integration Hub Features
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 - Connector-Specific Features
 - Asana
 - Atlassian Jira
 - Blueprint
 - BMC Remedy
 - Clarizen
 - Digital.ai Agility
 - GitLab Issues
 - Jama Connect
 - Micro Focus ALM Octane
 - Micro Focus Dimensions RM
 - Micro Focus PPM
 - Microsoft Azure DevOps Server (TFS)
 - Planview PPM Pro
 - Polarion ALM
 - ServiceNow
 - SmartBear QAComplete
 - Tricentis qTest
 - Tricentis Tosca

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()
```

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.

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.

BMC Remedy

- 125080: Any integrations including comments will need to remap the comment flow configuration.
- 124369: Upon upgrading, you may notice that previous BMC Remedy SOAP integration (s) result in a 404 Error that blocks migration. This is a result of the SOAP option deprecation. Migration can only occur after the new REST address is provided in Hub.

Please do not check "Use REST API" as this field has been deprecated. This field will produce errors if checked on the UI.

Any integrations should work as expected once the new endpoint has been entered, the information saved, and the migration complete.

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

Collections

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

Container Synchronization

- 124715: Improved the performance of container synchronizations.
- 123600: Fixed an issue where synchronization failed when the repository authentication token expired.

Extensions

- 125215: Fixed an issue where the value of a key value store pair was displayed incorrectly.

Integrations

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

Metrics Dashboard

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

Repositories

- 125126: Fixed an issue where repositories with non-standard default authenticators could not be created.

Support and Usage Report

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

Tasktop Integration Hub

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

Twinless Artifact Update

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

User Counting

- 124985: Fixed an issue where the User Count Report files contained duplicate columns.

Work Item Synchronization

- 125112: Fixed an issue where Hub ran extensions on artifacts that were filtered out.
- 124579: Fixed an issue where authentication errors were sometimes not retried.
- 122012: Fixed an issue where web links without a URL could not be synchronized.
- 124393: Fixed an issue that occurred upon synchronization when three or more fields had the same label and one was renamed.
- 124085: Fixed an issue where page descriptions sometimes did not render correctly.

Connector-Specific Fixes

Atlassian Jira

- 124880: Fixed an issue where an error occurred when using OAuth for authentication.
- 124785: Fixed an issue where change detection was sometimes missed on Sprint artifacts.
- 124157: Fixed an issue that occurred when listing or retrieving attachments from Zephyr Cloud Test Executions.
- 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.
- 125541: Fixed an issue where Xray Server support was enabled for unsupported versions of the Xray Server plugin.
- 125434: Fixed an issue where labels sometimes were not returned correctly on Jira Cloud.

Atlassian Jira Align

- 124219: Fixed an issue where the Developmental Process Step field could not be read.

BMC Remedy

- 125111: Fixed an issue where certain Remedy fields were not properly caching options.
- 122347: Fixed an issue where state transitions sometimes failed when enforcing date restrictions.
- 121462: Fixed an issue where the BMC Remedy connector could not retrieve attachments created via the Remedy SmartIT UI.

Broadcom Clarity

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

Broadcom Rally

- 123655: Fixed an issue where attachments close to the maximum size of 50MB sometimes were not uploaded.

codebeamer

- 124565: Fixed an issue where reauthenticating expired sessions sometimes timed out when using a proxy to access the authentication endpoint.
- 123946: Fixed an issue where HTML attachments failed to synchronize.
- 123609: Fixed an issue where authentication expiry was not automatically renewed.

IBM Engineering Requirements Management DOORS Family

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

IBM Engineering Workflow Management

- 124027: Fixed an issue where multiple users existing with the same username but different casing blocked artifacts from synchronizing.
- 121501: Fixed an issue where multiple users existing with the same ID but different casing blocked artifacts from synchronizing.

Jama Connect

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

Micro Focus ALM Octane

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

Micro Focus PPM

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

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.
- 125405: Fixed an issue where using the connector used without the TEE library did not work and failed at runtime.

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.
- 121412: Added IDs to error message to identify missing/deleted cards.
- 115011: Fixed an issue where the External Link URL field was not synchronized when it ended with space characters.
- 125615: The LeanKit connector now returns a more accurate error response when lacking permissions to list users.

Polarion ALM

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

PTC Windchill

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

ServiceNow

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

Targetprocess

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

Tricentis qTest

- 123745: Fixed an issue where false credentials were not properly detected and were treated as session expiry during attachment upload.

Tricentis Tosca

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

SDK-Specific Fixes

SDK

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

Features

Tasktop Integration Hub Features

Logging

- 121882: The Tasktop-state report now includes hard disk space and total memory metrics.

Metrics Dashboard

- 124719: Updated the labels on the Metrics screen charts.

Settings

- 124175: Added support for multiple recipients to receive email notifications.

Tasktop Integration Hub

- 115873: The Save/Done and Cancel buttons will now stick to the top of the screen when scrolling down.

User Counting

- 124387: The Integration Exclusions tab now includes an option to exclude test integrations.
- 124305: The User Count Report now includes a breakdown of the 12-month user count.
- 124304: The User Count Report now includes a file with a list of users who could not be reconciled based on the configured settings.
- 124303: Updated User Count person reconciliation to be case insensitive.
- 124300: The 1-raw-data.csv file in the User Count Report now includes additional details on user exclusion.
- 124298: The Deduplicated Based on User Fields and Reconciled Based on Settings files in the User Count Report now include data from the Raw Data file.

Connector-Specific Features

Asana

- 111235: Added support for the Asana connector.

Atlassian Jira

- 123804: Added support for custom fields for Jira XRay artifact types.
- 123324: Added support for XRay Test Repository Board Folders as a container artifact.
- 123323: Added support for XRay Test Runs.
- 122473: Added support for a new relationship field in Jira for XRay artifact types. Added support for Test Steps in XRay test types.

Blueprint

- 124799: Added support for Blueprint version 13.2.

BMC Remedy

- 125080: Added support for BMC Remedy public/private comments.
- 124369: The BMC Remedy SOAP option has been deprecated. Please ensure URLs are updated from SOAP to REST-based URLs.

Clarizen

- 124099: Added support for comments in Clarizen.
- 120192: Added support for timesheets in Clarizen.

Digital.ai Agility

- 124339: Added support for Digital.ai Agility versions 22.0 and 22.1.

GitLab Issues

- 124340: Added support for linked issues through the Blocks, Is Blocked By, and Relates To fields.
- 123887: Added support for GitLab Flavored Markdown tables containing text formatted with basic Markdown elements.
- 122348: Added support for GitLab Issues versions 14.7-14.9.

Jama Connect

- 125290: Added support for Jama Connect version 8.74.
- 124247: Added support for Jama version 8.71.

Micro Focus ALM Octane

- 124924: Added support for Micro Focus ALM Octane version 16.0.400.

Micro Focus Dimensions RM

- 121327: Added support for Micro Focus Dimensions version 12.9.

Micro Focus PPM

- 120818: Added support for Micro Focus PPM version 10.0.

Microsoft Azure DevOps Server (TFS)

- 122570: The connector now uses a version of the Team Explorer Everywhere library that supports Java 11.

Planview PPM Pro

- 124978: Added support for Project and Type search.

Polarion ALM

- 124348: Added support for Polarion ALM version 22 R1.

ServiceNow

- 122993: Added support for ServiceNow San Diego.

SmartBear QAComplete

- 122977: Added support for SmartBear QAComplete version 14.0.

Tricentis qTest

- 123666: Added support for qTest versions 11.0.1-11.0.2.
- 102111: Added a field to the qTest connector to skip the virus scan and force download an attachment even if it's still scanning or the scan fails.

Tricentis Tosca

- 125188: Added support for Tricentis Tosca version 15.2 LTS.
- 124342: Added support for Tricentis Tosca version 15.1.

Tasktop Release Notes - 22.3.2

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
- Features
 - Connector-Specific Features
 - Atlassian Jira

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.

Jama Connect

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

Features

Connector-Specific Features

Atlassian Jira

- 125431: Added support for Atlassian Jira version 9.0.

Tasktop Release Notes - 22.3.3

Posted: July 28, 2022

- Fixes
 - Connector-Specific Fixes
 - Broadcom Rally
 - Clarizen
 - IBM Engineering Requirements Management DOORS Next
 - IBM Engineering Workflow Management
 - Sparx Systems Pro Cloud Server
 - Features
 - Connector-Specific Features
 - Atlassian Jira
 - 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.

Sparx Systems Pro Cloud Server

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

Features

Connector-Specific Features

Atlassian Jira

- 125458: Added support for Atlassian Jira Service Management version 5.0.

Digital.ai Agility

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

Tasktop Release Notes - 22.3.4

Posted: August 03, 2022

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

Fixes

Tasktop Integration Hub Fixes

Settings

- 126148: Fixed an issue where the 'To Addresses' email settings field did not appear in Hub Cloud.

Connector-Specific Fixes

Atlassian Jira

- 126101: Fixed an issue where upgrading Hub with an expired Jira password caused an error.

Tasktop Release Notes - 22.3.5

Posted: August 10, 2022

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

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.

Features

Connector-Specific Features

Atlassian Jira

- 125798: Added support for Personal Access Token Authentication for Jira Data Center.

Tasktop Release Notes - 22.3.6

Posted: August 17, 2022

- Fixes
 - Tasktop Integration Hub Fixes
 - User Counting

Fixes

Tasktop Integration Hub Fixes

User Counting

- 125380: Fixed an issue where duplicate email entries appeared in the User Count Report.

Tasktop Release Notes - 22.3.7

Posted: August 19, 2022

- [Upgrade Notes](#)
 - [Connector-Specific Upgrade Notes](#)
 - [Planview PPM Pro](#)
- [Features](#)
 - [Connector-Specific Features](#)
 - [Planview PPM Pro](#)

Upgrade Notes

Connector-Specific Upgrade Notes

Planview PPM Pro

- 126641: Upgrade steps are only necessary if you are using the new "Project search" repository query released in Tasktop 22.3.

After upgrading an error will appear in the Activity view relating to the PPM Pro migration.

Go to the 'Project search' repository query being used by the PPM Pro collection, hit refresh, then save the repository query.

In the Activity view, prioritize the PPM Pro background job, and the issue will be resolved.

Features

Connector-Specific Features

Planview PPM Pro

- 126641: Updated the field selection order for the PPM Pro connector 'Project search' repository query.

Tasktop Release Notes - 22.3.8

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 - 22.3.9

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 - 22.3.10

Posted: September 07, 2022

- Fixes
 - Tasktop Integration Hub Fixes
 - Extensions
 - Twinless Artifact Update

Fixes

Tasktop Integration Hub Fixes

Extensions

- 126894: Fixed an issue where key-value store pairs could not be deleted properly.

Twinless Artifact Update

- 126652: Fixed an issue where previously configured single select values did not appear.

Tasktop Release Notes - 22.3.11

Posted: September 14, 2022

Fixes

- This release contains a number of bug fixes.

Tasktop Release Notes - 22.3.12

Posted: September 21, 2022

- Fixes
 - Tasktop Integration Hub Fixes
 - Repositories

Fixes

Tasktop Integration Hub Fixes

Repositories

- 126835: Fixed an issue where the concurrency limit on a repository could not be cleared.

Tasktop Release Notes - 22.3.13

Posted: September 28, 2022

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

Fixes

Tasktop Integration Hub Fixes

Operational Database

- 125738: Fixed an issue where processing slowed down when the number of artifact events was extremely high.

Connector-Specific Fixes

Atlassian Jira

- 127044: Fixed an issue where having multiple custom fields of type "Test Type Select List" or "Pre-Condition Type Select List" caused an error for repositories with the Xray on-prem plugin.

Tasktop Release Notes - 22.3.14

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 - 22.3.15

Posted: October 19, 2022

- Fixes
 - Connector-Specific Fixes
 - codeBeamer
 - Digital.ai Agility
 - Microsoft Azure DevOps Server (TFS)

Fixes

Connector-Specific Fixes

codeBeamer

- 127043: Fixed an issue where updates to item fields were lost when the item's position changed.

Digital.ai Agility

- 127222: Fixed an issue where the Backlog Groups (Parent) field took a long time to list options.

Microsoft Azure DevOps Server (TFS)

- 127042: Fixed an issue where certain Address field values caused an error.

Tasktop Release Notes - 22.3.16

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 - 22.3.17

Posted: November 02, 2022

- Features
 - Connector-Specific Features
 - Planview AdaptiveWork

Features

Connector-Specific Features

Planview AdaptiveWork

- 128117: An update was made to avoid hitting AdaptiveWork API limits.

Tasktop Release Notes - 22.3.18

Posted: November 09, 2022

Fixes

- This release contains a number of bug fixes.

Tasktop Release Notes - 22.3.19

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 - 22.3.20

Posted: November 23, 2022

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - Atlassian Jira
- Fixes
 - Tasktop Integration Hub Fixes
 - Repositories
- 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

Tasktop Integration Hub Fixes

Repositories

- 127075: Fixed an issue where the "Allow insecure connections" checkbox did not appear when the repository was offline or disabled.

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 - 22.3.21

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 - 22.3.22

Posted: December 07, 2022

- Fixes
 - Connector-Specific Fixes
 - Atlassian Jira

Fixes

Connector-Specific Fixes

Atlassian Jira

- 128337: Fixed an issue that prevented filenames with line breaks from synchronizing in Jira.

Tasktop Release Notes - 22.3.23

Posted: December 14, 2022

- Fixes
 - Tasktop Integration Hub Fixes
 - Tasktop Integration Hub
 - Connector-Specific Fixes
 - Planview PPM Pro

Fixes

Tasktop Integration Hub Fixes

Tasktop Integration Hub

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

Connector-Specific Fixes

Planview PPM Pro

- 128274: Fixed an issue where searching for a nonexistent parent of an artifact resulted in an unclear error message.

Tasktop Release Notes - 22.3.24

Posted: December 27, 2022

- Fixes
 - Tasktop Integration Hub Fixes
 - Product Upgrades
 - Connector-Specific Fixes
 - Atlassian Jira

Fixes

Tasktop Integration Hub Fixes

Product Upgrades

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

Connector-Specific Fixes

Atlassian Jira

- 129223: Fixed a problem with the "Authentication Chain: Basic Authentication with Two Way SSL (On Premise only)" authenticator that broke client certificate validation.

Tasktop Release Notes - 22.3.25

Posted: January 11, 2023

Fixes

Tasktop Integration Hub Fixes

Tasktop Integration Hub

- 129542: Upgraded tomcat to 8.5.84.

Tasktop Release Notes - 22.3.26

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 - 22.3.27

Posted: February 01, 2023

- Fixes
 - Tasktop Integration Hub Fixes
 - Work Item Synchronization

Fixes

Tasktop Integration Hub Fixes

Work Item Synchronization

- 105209: Fixed an issue where new artifact synchronization encountered a conflict error on writeback.

Tasktop Release Notes - 22.3.28

Posted: February 08, 2023

- Fixes
 - Tasktop Integration Hub Fixes
 - Artifact Pair Management
 - Work Item Synchronization

Fixes

Tasktop Integration Hub Fixes

Artifact Pair Management

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

Work Item Synchronization

- 105209: Fixed an issue where new artifact synchronization encountered a conflict error on writeback.

Tasktop Release Notes - 22.3.29

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 - 22.3.30

Posted: February 23, 2023

- Fixes
 - Tasktop Integration Hub Fixes
 - Work Item Synchronization

Fixes

Tasktop Integration Hub Fixes

Work Item Synchronization

- 130360: Fixed an issue where processing failed due to a missing FormattedId field.

Tasktop Release Notes - 22.3.31

Posted: March 14, 2023

- Fixes
 - Tasktop Integration Hub Fixes
 - Support and Usage Report
 - Work Item Synchronization
 - Connector-Specific Fixes
 - Microsoft Azure DevOps Server (TFS)

Fixes

Tasktop Integration Hub Fixes

Support and Usage Report

- 130581: Fixed an issue where the overview.json file was not generated correctly in the Support and Usage report.

Work Item Synchronization

- 130935: Fixed an issue where handle keys could not be created due to missing artifact handle fields.

Connector-Specific Fixes

Microsoft Azure DevOps Server (TFS)

- 130707: Fixed an issue where the "Priority" field was unable to accept new values in Azure DevOps.

Tasktop Release Notes - 22.3.32

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.

Tasktop Release Notes - 22.3.33

Posted: May 16, 2023

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

Upgrade Notes

Tasktop Integration Hub Upgrade Notes

Infrastructure

- 131234: The code-signing certificate has been renewed. Windows users running Hub in environments that require PowerShell scripts to be signed will need to follow these steps again to add the new certificate to the Trusted Publishers store:

<https://docs.tasktop.com/tasktop/user-guide/installation-primer/installation#Installation-Powershell>

Fixes

Tasktop Integration Hub Fixes

Artifact Union

- 126646: Fixed an issue that prevented saving changes to artifact unions.

Tasktop Release Notes - 22.3.34

Posted: June 21, 2023

- Fixes
 - Tasktop Integration Hub Fixes
 - Repositories

Fixes

Tasktop Integration Hub Fixes

Repositories

- 132333: Fixed an issue where an error prevented saving a new API token.

Tasktop Release Notes - 22.3.35

Posted: June 27, 2023

- Fixes
 - Tasktop Integration Hub Fixes
 - State Transitions

Fixes

Tasktop Integration Hub Fixes

State Transitions

- 129028: Enhanced logging when options are not listed. Actual fix is available on the version 23.1 and up.