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4.16 Release Notes

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Tasktop Sync Release Notes - 4.16.38

Posted: November 27, 2019

- [Fixes](#)
 - [Connector-Specific Fixes](#)
 - [Atlassian Jira](#)

Fixes

Connector-Specific Fixes

Atlassian Jira

- 100877: Fixed an issue where setting a value for the 'Assignee' field caused creation of Test Executions to fail.

Tasktop Sync Release Notes - 4.16.34

Posted: July 03, 2019

- Fixes
 - Sync Fixes
 - Server

Fixes

Sync Fixes

Server

- 96720: Resolved an issue causing a background task to pop up the task list indexer dialog window.

Tasktop Sync Release Notes - 4.16.30

Posted: April 09, 2019

- Fixes
 - Connector-Specific Fixes
 - Microsoft Azure DevOps Server (TFS)

Fixes

Connector-Specific Fixes

Microsoft Azure DevOps Server (TFS)

- 94258: Fixed an issue where updating an artifact with several relationship values could remove more relationships than expected.
- 93295: Fixed an issue where the connector did not delete a potentially stale local cache of metadata from the server, leading to potential synchronization errors.

Tasktop Sync Release Notes - 4.16.28

Posted: March 27, 2019

- Fixes
 - Connector-Specific Fixes
 - CA Agile Central (Rally)

Fixes

Connector-Specific Fixes

CA Agile Central (Rally)

- 93772: Daylight savings time hour offsets properly accounted for when handling planned dates.

Tasktop Sync Release Notes - 4.16.26

Posted: March 13, 2019

- [Upgrade Notes](#)
 - [Connector-Specific Upgrade Notes](#)
 - [Atlassian Jira \(REST\)](#)
- [Features](#)
 - [Connector-Specific Features](#)
 - [ServiceNow](#)

Upgrade Notes

Connector-Specific Upgrade Notes

Atlassian Jira (REST)

- 91557:
 - If you are integrating Zephyr Cloud artifacts, you must upgrade to a version of Tasktop with these changes to prevent existing integrations from being disrupted. Zephyr On Premise is not impacted.
 - The user account associated with the Jira Cloud connection must have the 'browse users and groups' permission granted.
 - The auto-comment user name will need to be manually changed to accountid for any existing and new Zephyr Cloud mappings. By default, Sync is using the username from repository settings as auto-comment user when creating new mappings. If repository settings do not specify username (for example, when email + API token authentication is used), the auto-comment user field will be empty. In either case, in order to be used by Sync, it will need to be replaced with a valid accountid. Behavior for Zephyr On Premise is unchanged.
 - Any task mappings for Zephyr Cloud that map person attributes without using a person-mapping.xml file will no longer work. A person-mapping.xml file will be required. Behavior for Zephyr On Premise is unchanged.
 - All usernames in the person-mapping.xml files related to Zephyr Cloud mappings will need to be replaced with Jira accountIDs. Behavior for Zephyr On Premise is unchanged.
 - Any existing person-mapping.xml files with field-based person mapping using Jira Cloud's person-id or person-username fields will no longer work. These will need to be changed to use a different Jira person field, such as person-email. Behavior for Zephyr On Premise is unchanged.
 - The mapping scripts will be passed the Jira accountID as an argument when mapping Jira Cloud users, and will need to be updated accordingly. Behavior for Zephyr On Premise is unchanged.
 - If there are field mappings that map Jira Cloud person fields to a string field, be aware that those will now flow the Jira account ID (i.e. an alphanumeric string such as 'abc-123-def-456'), rather than the Jira username (a readable field such as 'TasktopUser'). A custom caster script can be used to flow the display name to a string field. Behavior for Zephyr On Premise is unchanged.

Features

Connector-Specific Features

ServiceNow

- 92230: Added support for ServiceNow Madrid.

Tasktop Sync Release Notes - 4.16.25

Posted: March 05, 2019

- Fixes
 - Sync Fixes
 - General

Fixes

Sync Fixes

General

- 91160: Fixed an issue where the wrong error message was displayed when a user was not found.

Tasktop Sync Release Notes - 4.16.24

Posted: February 26, 2019

- Fixes
 - Connector-Specific Fixes
 - Atlassian Jira (REST)

Fixes

Connector-Specific Fixes

Atlassian Jira (REST)

- 92690: Fixed an error that prevented synchronization of Jira issues with Epic links.

Tasktop Sync Release Notes - 4.16.22

Posted: February 12, 2019

- Fixes
 - Connector-Specific Fixes
 - IBM Rational Team Concert
 - Targetprocess

Fixes

Connector-Specific Fixes

IBM Rational Team Concert

- 92610: Fixed an issue where large attachments would fail to synchronize from IBM RTC to another repository.

Targetprocess

- 92222: Targetprocess person search was updated to only return Users and Requesters. A "Kind" field was added to Targetprocess persons to distinguish Users from Requesters.

Tasktop Sync Release Notes - 4.16.21

Posted: February 05, 2019

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - Atlassian Jira (REST)
- Fixes
 - Connector-Specific Fixes
 - GitHub Issues
 - IBM Rational DOORS
 - Microsoft Project Server
 - Microsoft Sharepoint
- Features
 - Connector-Specific Features
 - Atlassian Jira (REST)

Upgrade Notes

Connector-Specific Upgrade Notes

Atlassian Jira (REST)

- 89282: • If you are integrating Jira Cloud artifacts, you must upgrade to a version of Tasktop with these changes to prevent existing integrations from being disrupted. Jira On Premise is not impacted.
 - If you are integrating Zephyr Cloud artifacts, do not yet upgrade to this version of Tasktop (or any later versions), as changes in this version will disrupt existing Zephyr integrations. Zephyr on Premise is not impacted.
 - The user account associated with the Jira cloud connection must have the 'browse users and groups' permission granted.
 - The auto-comment username will need to be manually changed to accountid for any existing and new Jira Cloud mappings. By default, Sync is using the username from repository settings as auto-comment user when creating new mappings. If repository settings do not specify username (for example, when email + API token authentication is used), the auto-comment user field will be empty. In either case, in order to be used by Sync, it must be replaced with a valid accountid. Behavior for Jira On Premise is unchanged.
 - Any task mappings for Jira Cloud that map person attributes without using a person-mapping.xml file will no longer work. A person-mapping.xml file will be required. Behavior for Jira On Premise is unchanged.

- All usernames in the person-mapping.xml files related to Jira Cloud mappings must be replaced with Jira accountIDs. Behavior for Jira On Premise is unchanged.
- Any existing person-mapping.xml files with field-based person mapping using Jira Cloud's person-id or person-username fields will no longer work. These must be changed to use a different Jira person field, such as person-email. Behavior for Jira On Premise is unchanged.
- The mapping scripts will be passed the Jira accountID as an argument when mapping Jira Cloud users, and will need to be updated accordingly. Behavior for Jira On Premise is unchanged.
- If there are field mappings that map Jira Cloud person fields to a string field, be aware that those will now flow the Jira account ID (i.e. an alphanumeric string such as 'abc-123-def-456'), rather than the Jira username (a readable field such as 'TasktopUser'). A custom caster script can be used to flow the display name to a string field. Behavior for Jira On Premise is unchanged.

Fixes

Connector-Specific Fixes

GitHub Issues

- 92481: Fixed an issue where the Github connector was unable to create Milestones against github.com.

IBM Rational DOORS

- 92137: Fixed an issue where the IBM Rational Doors connector could wait indefinitely for an operation to complete.

Microsoft Project Server

- 92244: A detailed authentication failure message is provided when users apply invalid credentials for Microsoft Sharepoint or Microsoft Project Server.

Microsoft Sharepoint

- 92244: A detailed authentication failure message is provided when users apply invalid credentials for Microsoft Sharepoint or Microsoft Project Server.

Features

Connector-Specific Features

Atlassian Jira (REST)

- 92127: Required change for Atlassian GDPR change for Jira cloud. Handles new Jira cloud response header parameter X-AACCOUNTID to be able to differentiate anonymous vs. non-anonymous responses. This will replace X-AUSERNAME which will disappear after the Atlassian deprecation period.

Tasktop Sync Release Notes - 4.16.19

Posted: January 22, 2019

- Fixes
 - Connector-Specific Fixes
 - Atlassian Jira (REST)
 - Micro Focus PPM (HPE)
 - Tricentis Tosca

Fixes

Connector-Specific Fixes

Atlassian Jira (REST)

- Fixed an error that occurred when trying to save a Jira query due to a misconfigured Service Desk plugin.

Micro Focus PPM (HPE)

- 91880: Fixed an issue where an empty date value on the PPM artifact could cause an error and prevent synchronization.

Tricentis Tosca

- 91833: In Tosca, custom 'date' fields are referenced in the UI, but truly behave as string fields. This fixes an issue where custom date fields were inadvertently not supported due to not being properly treated as strings.

Tasktop Sync Release Notes - 4.16.18

Posted: January 18, 2019

- [Upgrade Notes](#)
 - [Connector-Specific Upgrade Notes](#)
 - [QASymphony qTest Manager](#)
- [Fixes](#)
 - [Connector-Specific Fixes](#)
 - [Microsoft Team Foundation Server](#)
 - [QASymphony qTest Manager](#)

Upgrade Notes

Connector-Specific Upgrade Notes

QASymphony qTest Manager

- 91446: To prevent possible upgrade issues, stop all QASymphony integrations and end all user sessions for the configured QASymphony repository user before upgrading Tasktop.

Fixes

Connector-Specific Fixes

Microsoft Team Foundation Server

- 91529: Fixed an error encountered when synchronizing Double, Long, or Boolean values in certain locales.

QASymphony qTest Manager

- 91446: Fixed an issue where an error could occur on Tasktop upgrade if token expiry was more than several minutes.

Tasktop Sync Release Notes - 4.16.16

Posted: January 14, 2019

- Fixes
 - Sync Fixes
 - Server
 - Connector-Specific Fixes
 - Micro Focus ALM Octane (HPE)
 - Microsoft Team Foundation Server
 - Salesforce

Fixes

Sync Fixes

Server

- 91654: Fixed the rare issue that caused excessive CPU utilization in long-running Sync processes.

Connector-Specific Fixes

Micro Focus ALM Octane (HPE)

- 91285: Fixed an issue that prevented the Micro Focus ALM Octane connector from connecting to the server.

Microsoft Team Foundation Server

- 91714: Fixed an issue where some updates failed when links were removed and link comments were updated at the same time.
- 91555: Fixed an error that occurred when retrieving an artifact with multiple '#' symbols in its URI fields.
- 91528: Fixed an issue where links were not properly added to work items.

Salesforce

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

Tasktop Sync Release Notes - 4.16.14

Posted: January 02, 2019

- Fixes
 - Sync Fixes
 - Studio
 - Connector-Specific Fixes
 - Atlassian Jira (REST)
 - Microsoft Team Foundation Server
 - QASymphony qTest Manager

Fixes

Sync Fixes

Studio

- 91258: Fixed an issue that prevented users from exporting state from Tasktop Sync to import into Tasktop Integration Hub if mapping's name contained special characters.

Connector-Specific Fixes

Atlassian Jira (REST)

- 91139: Fixed an error that prevented the retrieval of an item due to the board having no columns mapped.

Microsoft Team Foundation Server

- 91264: Fixed an issue with the Microsoft Team Foundation Server connector where it failed to return comments associated with a work item.

QASymphony qTest Manager

- 90902: QASymphony qTest Manager defects can now have a description field with unlimited content size.

Tasktop Sync Release Notes - 4.16.13

Posted: December 19, 2018

- Fixes
 - Connector-Specific Fixes
 - Jama

Fixes

Connector-Specific Fixes

Jama

- 89766: Fixed an issue where the HTTP Method PUT was being requested instead of PATCH for updating artifacts.

Tasktop Sync Release Notes - 4.16.12

Posted: December 14, 2018

- Fixes
 - Connector-Specific Fixes
 - Micro Focus ALM Octane (HPE)
 - Microsoft Team Foundation Server
- Features
 - Connector-Specific Features
 - Micro Focus ALM Octane (HPE)

Fixes

Connector-Specific Fixes

Micro Focus ALM Octane (HPE)

- 90903: Fixed an issue where the Micro Focus ALM Octane connector exposed an unsupported field from Micro Focus ALM Octane, causing 'HTTP 404 not found' errors.

Microsoft Team Foundation Server

- 89553: Fixed an issue where the TFS connector was unable to successfully get team project collection metadata from the server.

Features

Connector-Specific Features

Micro Focus ALM Octane (HPE)

- 88806: Added support for "Requirements" field on Defects and Features. Added support for "Covered requirement" field on Tests.

Tasktop Sync Release Notes - 4.16.11

Posted: December 10, 2018

- Fixes
 - Connector-Specific Fixes
 - IBM Rational Team Concert

Fixes

Connector-Specific Fixes

IBM Rational Team Concert

- 90761: Fixed an issue that prevented users from synchronizing attachments to RTC 5 & 6 if the attachment filenames contained characters such as '#' that were considered invalid in RTC 4.

Tasktop Sync Release Notes - 4.16.9

Posted: December 04, 2018

- Fixes
 - Connector-Specific Fixes
 - BMC Remedy
 - IBM Rational DOORS

Fixes

Connector-Specific Fixes

BMC Remedy

- 90552: Fixed an issue in the BMC Remedy connector where person entries in the Remedy system without associated login names could cause integrations to fail. Such entries will now be ignored by the connector.

IBM Rational DOORS

- 89551: Fixed issue where locked DOORS Objects were not being filtered out from searches.

Tasktop Sync Release Notes - 4.16.8

Posted: November 27, 2018

- Fixes
 - Sync Fixes
 - Bridge
 - Connector-Specific Fixes
 - Atlassian Jira (REST)
 - Micro Focus ALM Octane (HPE)

Fixes

Sync Fixes

Bridge

- 89979: Fixed an issue where the TaskAttribute.getOptions() method was not returning correct information for multiple-select fields.

Connector-Specific Fixes

Atlassian Jira (REST)

- 89978: Fixed an issue where Jira could cause extra traffic during change detection when no changes have happened.

Micro Focus ALM Octane (HPE)

- 90026: Fixed an issue where projects could not be listed when a user did not have elevated permissions on Shared Spaces.

Tasktop Sync Release Notes - 4.16.7

Posted: November 20, 2018

- Fixes
 - Connector-Specific Fixes
 - CA Agile Central (Rally)

Fixes

Connector-Specific Fixes

CA Agile Central (Rally)

- 89514: Fixed an issue where the person search in CA Agile Central (Rally) was slow when there were many users.

Tasktop Sync Release Notes - 4.16.5

Posted: November 09, 2018

- Fixes
 - Connector-Specific Fixes
 - Micro Focus ALM (HPE)

Fixes

Connector-Specific Fixes

Micro Focus ALM (HPE)

- 89459: Fixed an issue where a large number of release cycles could cause a "FULL head" error, blocking integration with Test Sets.

Tasktop Sync Release Notes - 4.16.4

Posted: November 06, 2018

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - Salesforce
- Fixes
 - Sync Fixes
 - General
 - Server
 - Connector-Specific Fixes
 - Atlassian Jira (REST)
 - Micro Focus ALM (HPE)
 - Micro Focus ALM Octane (HPE)
 - Salesforce
 - ServiceNow

Upgrade Notes

Connector-Specific Upgrade Notes

Salesforce

- 89691: Salesforce fields of type URI (except the read-only "URL" field) are now of type String. Mappings that include these fields will need to be updated.

Fixes

Sync Fixes

General

- 76905: Added a configurable option to process artifacts if the proxy task does not belong to the current task mapping. If this option is disabled, proxy tasks will be validated against the task mapping and will not be processed if they do not belong to it. The option is enabled by default.

Server

- 89552: Fixed the issue with Change Repository URL wizard layout.

Connector-Specific Fixes

Atlassian Jira (REST)

- 89408: Fixed an issue where a limited amount of group options was being shown in the Jira Connector. Now all group options are visible.
- 88972: Fixed an error where a cascading dependent field would not be found in the schema when moving a JIRA item to a closed state.
- 88203: Fixed an issue involving the synchronization of rich text fields in Jira where quoting multi-line markup wasn't being transformed to html correctly.

Micro Focus ALM (HPE)

- 89459: Fixed an issue where a large number of release cycles could cause a "FULL head" error, blocking integration with Test Sets.

Micro Focus ALM Octane (HPE)

- 88076: Fixed an issue where synchronizing unsupported file types in to Octane could block the integration.

Salesforce

- 89574: Fixed an issue where the Salesforce Sales Cloud connector attempted to process a picklist field that the user does not have access to.

ServiceNow

- 89203: Fixed an issue in the ServiceNow connector where an attachment with an empty filename disabled all attachment synchronization. Now, users with the right permission can attach files with empty filenames, and synchronize the attachments.

Tasktop Sync Release Notes - 4.16.3

Posted: October 30, 2018

- Fixes
 - Connector-Specific Fixes
 - [Atlassian Jira \(REST\)](#)
 - [IBM Rational ClearQuest](#)
 - [IBM Rational Team Concert](#)

Fixes

Connector-Specific Fixes

Atlassian Jira (REST)

- 88860: Fixed a performance issue in the Jira connector that pertains to synchronizing the Test Cycle artifact from the Zephyr Cloud plugin.

IBM Rational ClearQuest

- 89134: Fixed an issue where fields with names starting with a digit will cause XML parsing errors during artifact retrieval. These fields will now be ignored and not be considered part of the artifact.
- 89027: Fixed an issue where ClearQuest collections with a very large set of artifacts can lead to a mapping screen that appears to hang for extended periods of time.

IBM Rational Team Concert

- 88993: Fixed an issue where RTC 6.0.1 and later could not properly sync String List fields on creation.

Tasktop Sync Release Notes - 4.16.2

Posted: October 22, 2018

- Upgrade Notes
 - Sync Upgrade Notes
 - Bridge
 - Connector-Specific Upgrade Notes
 - General
 - Atlassian Jira (REST)
 - BMC Remedy
 - CA PPM
 - IBM Rational DOORS
 - Planview LeanKit
 - Salesforce
 - Solutions Business Manager (Serena)
 - Tricentis Tosca
- Fixes
 - Sync Fixes
 - ALM Systems
 - Bridge
 - General
 - Server
 - Connector-Specific Fixes
 - Atlassian Jira (REST)
 - BMC Remedy
 - Blueprint
 - CA PPM
 - GitHub Issues
 - HP QC / ALM (Myllyn)
 - IBM Rational DOORS
 - IBM Rational DOORS Next Generation
 - IBM Rational Team Concert
 - Jama
 - Micro Focus ALM (HPE)
 - Micro Focus ALM Octane (HPE)
 - Microsoft Team Foundation Server
 - Planview Enterprise
 - QASymphony qTest Manager
 - Salesforce
 - ServiceNow
 - Solutions Business Manager (Serena)
 - Targetprocess
 - Tricentis Tosca
- Features

- Sync Features
 - Bridge
 - Server
- Connector-Specific Features
 - Atlassian Jira (REST)
 - BMC Remedy
 - Blueprint
 - CA Agile Central (Rally)
 - CA PPM
 - Dimensions RM (Serena)
 - IBM Rational DOORS
 - IBM Rational DOORS Next Generation
 - IBM Rational Team Concert
 - Micro Focus ALM (HPE)
 - Micro Focus ALM Octane (HPE)
 - Microsoft Team Foundation Server
 - Planview LeanKit
 - Polarion ALM
 - ServiceNow
 - Targetprocess
 - Thoughtworks Mingle
 - Tricentis Tosca
 - VersionOne

Upgrade Notes

Sync Upgrade Notes

Bridge

- 88631: Errors related to ListFieldOptionsOperation may be reported as a part of migration, but are expected and will not impact the upgrade.

Connector-Specific Upgrade Notes

General

- 89378: The following Vendor repository versions are no longer available under Tasktop's general support. These versions are now available under extended support only:

Atlassian Jira (Software & Core) versions: 6.4, 7.0, 7.1

BMC Remedy versions: 8.1.01, 8.1.02

Jama version: 2015.5

Micro Focus ALM / QC versions: 11.5 (SP2), 12 (SP1)

Solutions Business Manager version: 10.1.2

Microsoft TFS versions: 2012, 2012.1, 2012.2, 2012.3, 2012.4

Planview Enterprise versions: 11.3, 13

Thoughtworks Mingle versions: 13.1, 13.2, 13.3, 13.4, 14.1, 14.2, 15.1, 15.2, 16.1, 16.2

Tricentis Tosca versions: 9.1, 9.2, 9.3, 10.0

Please reach out to your Tasktop contact if you are currently on one of the aforementioned versions and they will be able to guide you accordingly.

Atlassian Jira (REST)

- 86160: Attachments on Test Execution are no longer detected on normal change detection. To ensure these updates synchronize, a full scan must occur or another qualifying change must be made to the artifact.
- 84636: Atlassian will be deprecating basic authentication with passwords and cookie-based authentication for Jira Cloud by December 1, 2018. Users must configure a Tasktop repository authentication method other than 'Standard Authentication,' such as 'Email Address and API Token Authentication (Jira Cloud only),' by that time. See Atlassian notice here: <https://developer.atlassian.com/cloud/jira/platform/deprecation-notice-basic-auth-and-cookie-based-auth/>.

BMC Remedy

- 87010:
 - Customers will need to update their custom web services files (available in the Connector Docs) when they update to this version of Sync to prevent errors with these fields.
 - The 'Request_Assignee' field on BMC Remedy Work Orders has been updated from a String field to a Person field. If the 'Request Assignee' field has been mapped, it will need to be manually re-mapped with a different caster or be re-mapped to a Person field due to the field type change.
- 86651: The Requestor_ID field has been removed from Work Orders. This field contained the ID for the person stored in the Customer field - therefore, if the value from the Requestor_ID field is needed, it can be retrieved from the Customer field.
- 85755: Customers will need to update their custom web services files (available in the Connector Docs) in order to gain access to the new Incident fields.
- 85031: Customers will need to update their custom web services files (available in the Connector Docs) in order to gain access to the new Work Order fields.

- 84780: Customers are encouraged to download the latest web service files from the connector documentation to take advantage of the performance benefits.

CA PPM

- 85779: In order to ensure the CA PPM connector continues to function properly, the latest NSQL queries should be downloaded and installed from docs.tasktop.com.

Additionally, due to a change related to the 'Start Date' field on Portfolios, this field may need to be re-mapped in any existing collections.

- 85606: Support for Labor Resources as work items has been added to the CA PPM Connector. In order to enable support for this work item type, the corresponding NSQL scripts should be installed from the Connector Docs.

IBM Rational DOORS

- 86940: Customers may notice a spike in activity for the DOORS connector due to updates made to ensure that artifacts with modified "In Links" fields are detected during change detection.

Planview LeanKit

- 88309: Due to removal of support for 'Tasks' from the LeanKit connector, the fields 'Card Class' and 'Container Card' are no longer available to map. Existing field value mappings for the 'Lane' field should be revisited, as several values will no longer be valid. In addition, any existing integrations which include Tasks will error upon any attempt to trigger an update to an already-synced Task, indicating that the artifact could not be found.

Salesforce

- 87181: Dependent picklist fields that depend on a checkbox field are not supported. If such a field is included in an integration, the integration should be updated.

Solutions Business Manager (Serena)

- 87222:
 - Due to updates to the Deployment Path, customers with integrations using Release Packages and/or Release Trains will need to add permissions for the Tasktop user to "Run Guest Level Reports."
 - Customers with existing field mappings for Deployment Path may need to adjust their mappings.

Tricentis Tosca

- 86119: Single-user workspaces are no longer supported as this functionality has been EOled by Tricentis. As such integrations with Tosca single-user workspaces will no longer work.

Fixes

Sync Fixes

ALM Systems

- 73522: The upgrade produces handle that include project, type, test plan ID, test suite ID, and test run ID.

Bridge

- 87488: Fixed "No non-null value found for variable" issue that blocked the synchronization of Jira items.
- 81898: Fixed "No non-null value found for variable" issue that blocked schema generation for Jira.

General

- 86006: Added a configurable option to only email the most recent errors (up to 100) since the last notification job run. If this option is selected, the email will include a link to view all errors in Web UI.
- 76905: Added a configurable option to only process artifacts if the proxy tasks belong to the current task mapping. If this option is disabled, proxy tasks will be validated against the task mapping and will not be processed if they do not belong to it.

Server

- 85559: When conflicting attribute value is modified by a script, Tasktop now logs the value produced by the script as incoming value.
- 85337: Added support for long file names to prevent FileNotFoundException while synchronizing some TFS repositories.

Connector-Specific Fixes

Atlassian Jira (REST)

- 88799: If a customer configuration contains duplicate fields with the same metadata for sd-request-participants in Jira, connector will filter out duplicates.
- 88539: HTTP 400 responses for anonymous requests that are not the login URL will trigger an authentication request from the product.
- 87778: Fixed an issue where Jira integrations could not perform state transitions involving either Original Estimate or Remaining Estimate.
- 86159: Fixed an issue where attachment synchronization from Jira was failing for attachments with .htm or .html extension.

- 86029: Fixed an issue where some Jira synchronizations were failing temporarily with an error message of 'Issue not found.'
- 85187: Fixed an issue in the Jira connector where repository proxy settings, if configured, were not being used when the authentication method 'Authentication Chain: Basic Authentication with Two Way SSL' was selected.

BMC Remedy

- 88254: Fixed an issue where Status_Reason and Resolution were not writable when performing a state transition. This could prevent transitions from executing when these fields are required.
- 83258: Updated how URLs are constructed for all supported artifact types in the BMC Remedy connector. URLs now point to a view of the artifact that is more consistent with how it would typically appear in Remedy's web UI.

Blueprint

- 88623: Fixed an issue where a certain character from a Blueprint rich text field would appear as a question mark when synchronized.

CA PPM

- 85779: Fixed an issue in the CA PPM connector and its related NSQL queries which prevented the queries from validating correctly when the underlying CA PPM database is a version of Oracle.

GitHub Issues

- 89094: Fixed issue where GitHub Issues failed to retrieve linked Milestones due a SaaS API change.
- 87465: Fixed an issue where the GitHub artifact location URI was encoded incorrectly.
- 85771: Fixed an issue where an error could occur during person reconciliation when the repository had a user login that contained the same characters as another login.

HP QC / ALM (Mylyn)

- 87262: Fixed an issue where the HP QC/ALM (Mylyn) connector would incorrectly report a failure and block synchronization when an artifact checkout was rolled back on ALM 12.01 or later.

IBM Rational DOORS

- 85471: Fixed an issue where attachment flow into DOORS was incorrectly being displayed as supported.

IBM Rational DOORS Next Generation

- 84781: Fixed an issue where the artifact location URL or root folder relationships could be wrong when configuration management was turned on.

IBM Rational Team Concert

- 86113: Fixed an issue where errors were encountered when creating RTC queries due to worklogs being retrieved when they weren't present in the project's process.
- 84807: Tasktop now properly detects synthetic (system generated) comments, e.g. during duplicate link creation.
- 84756: Fixed an issue where stale authentication state may not be detected and instead of automatic re-authentication, an error appeared.

Jama

- 88286: Fixed an issue where attachments without a specified size couldn't be synchronized into Jama.
- 86030: Fixed an issue with the Jama connector where users were unable to flow artifacts with embedded attachments if the file name contained spaces or special characters.
- 77801: Tables in Jama are created with a border and left-aligned text.

Micro Focus ALM (HPE)

- 87857: Fixed an issue where an attachment that had been deleted between change detection and change synchronization could cause repeated attempts to synchronize due to the connector not properly detecting that the attachment had since been deleted.
- 87275: Fixed an issue that prevented HTML based attachments on ALM versions 12.53 and earlier from synchronizing to other systems.
- 87200: Fixed an issue where corrupted artifacts (without last modification date) could cause change detection to be aborted early by excluding such corrupted artifacts from the search results.
- 86848: Fixed an issue in the Micro Focus ALM connector where artifact scope queries for some test types were not properly scoped to the selected sub-type.

Micro Focus ALM Octane (HPE)

- 88057: The Micro Focus ALM Octane connector now correctly determines that the Milestone single select field depends on the Release field.
- 86639: Fixed an issue where retrieving and validating the Octane version failed when the version number was of the form "major.minor.build" instead of "major.minor.build.revision."
- 85480: Fixed an issue where the user could not authenticate using 'API Key Access' method through a proxy server.

Microsoft Team Foundation Server

- 89086: Fixes an issue where a connection is reset while listing options.

- 88509: Fixed issue where Azure DevOps collections couldn't be created with the new 'dev.azure.com' URL.
- 88497: Fixed an issue where not all projects are listed when there are a large number of projects on the server.
- 86743: Fixed an issue where admin-level permissions were required to use TFS connector.
- 75240: Product now retries operations when the TFS error "Too many concurrent users are getting metadata incremental" happens.

Planview Enterprise

- 88771: Fixed an issue where unnamed Planview planning levels caused listing options to fail.

QASymphony qTest Manager

- 88265: Fixed an issue where QASymphony defects on Cloud instances caused errors in Tasktop when they had no associated module.
- 86103: Fixed an issue where a user in the state "new" without a first name and last name would cause an error.
- 86040: Fixed an issue where Tasktop was not able to renew authentication if a token being used was revoked.
- 85582: Fixed an issue where token could not be refreshed. Now, when users get an 'authentication token expired' error message, they can refresh to remove the error.

Salesforce

- 87181: Fixed an error where duplicate options were found for a Salesforce dependent picklist field.

ServiceNow

- 88081: Fixed an issue where Tasktop search operations were unnecessarily re-fetching pages for some versions of Service Desk.
- 86783: Fixed an issue where users may encounter a 'java.util.LinkedHashMap...' error message due to the connector handling JSON maps instead of simple strings.
- 84408: Fixed an error that prevented artifacts from synchronizing by allowing ID fields to process simple strings or JSON payloads containing "value" entries.

Solutions Business Manager (Serena)

- 88327: Fixed an issue where repository queries could cause search requests to time out.
- 87222: An issue with fetching options for Deployment Path was fixed. Please see Upgrade Notes for additional details.

Targetprocess

- 88327: CreateDate field can be set when creating a new artifact.

Tricentis Tosca

- 88688: Fixed an issue where Test Mandate Entries and Business Execution Lists could not be retrieved.
- 87258: Fixed a performance issue that occurred when retrieving artifacts that have container fields.
- 86126: Fixed an issue where artifacts could not be retrieved from workspaces with spaces in their name.

Features

Sync Features

Bridge

- 85283: Added support of a new method for connectors communicating retrievable errors when artifacts or other required resources are locked.

Server

- 80367: Added performance improvements and minor UI enhancements.

Connector-Specific Features

Atlassian Jira (REST)

- 87434: Added support for Jira version 7.12.
- 86475: Added support for Jira Dynamic Form Plugin fields.
- 85658: Added support for Jira Software and Core version 7.11.
- 84636: Added new authentication method, 'Email Address and API Token Authentication (Jira Cloud only),' as per Atlassian notice <https://developer.atlassian.com/cloud/jira/platform/deprecation-notice-basic-auth-and-cookie-based-auth/>.
- 81988: A writable Sprint field, 'Assigned Sprint' is now supported for Jira.

BMC Remedy

- 87010:
 - The 'Request_Assignee' field has been re-labeled to 'Request Assignee' and changed from a String field to a Person field.
 - The 'Assignee' field has been re-labeled to 'Assignee (Deprecated)'.
- 86651: The Requestor_ID field has been removed from Work Orders.
- 85755:

- Customer, Owner Group, Vendor Name, Vendor Group, and Vendor Organization are now supported as read-only fields on Incidents.
- Vendor Ticket Number, Last Resolved Date, Reported Date, and Responded Date fields are now fully supported on Incidents.
- The "Service_Type" field is now labelled "Incident Type".
- Customers will need to update their custom web services files (available in the Connector Docs) in order to gain access to the new Incident fields.
- 85031: Users can read and write to the 'WO Type Field' 01 to 05 on Work Orders.

Blueprint

- 88807: Added support for Blueprint version 9.1 and Storyteller version 3.1.
- 85549: Blueprint Model type is now supported.

CA Agile Central (Rally)

- 81696: Added support for CA Agile Central version 2018.1.

CA PPM

- 87931: Added support for CA PPM version 15.5.
- 87585: Added support for CA PPM version 15.4.1.
- 85606: Support for Labor Resources as work items has been added to the CA PPM Connector. In order to enable support for this work item type, the corresponding NSQL scripts should be installed from the Connector Docs.

Dimensions RM (Serena)

- 82162: Person Reconciliation is now supported for Dimensions RM.

IBM Rational DOORS

- 86940: The "In Links" field is now writable.

IBM Rational DOORS Next Generation

- 82581: Added support for IBM Rational DOORS Next Generation version 6.0.6.

IBM Rational Team Concert

- 82580: Added support for IBM RTC/RQM version 6.0.6.

Micro Focus ALM (HPE)

- 87073: Added support for Micro Focus ALM/QC version 12.60.

Micro Focus ALM Octane (HPE)

- 86425: Added support for Micro Focus ALM Octane version 12.60.4.

Microsoft Team Foundation Server

- 87335: Added support for Microsoft TFS version 2018.3.

Planview LeanKit

- 88313: Support for multi-link fields 'Parent Cards' and 'Child Cards' has been added to the LeanKit connector.
- 88309: Support for Tasks has been removed from the LeanKit connector. See upgrade note and connector documentation for additional details.

Polarion ALM

- 82541: Polarion connector can map users by fields such as display name, user ID, email and description.

ServiceNow

- 86704: ServiceNow Scaled Agile Framework (SAFe) Plug-in is now supported.
- 86024: Added support for ServiceNow London.

Targetprocess

- 82352: CreateDate field can be set when creating a new artifact.

Thoughtworks Mingle

- 85185: Added support for Thoughtworks Mingle version 18.1.

Tricentis Tosca

- 87584: Added support for Tricentis Tosca version 11.3.
- 86119: Single-user workspaces are no longer supported as this functionality has been EOled by Tricentis.

VersionOne

- 85852: Added support for VersionOne 18.2 (Summer 2018).
- 85741: Connector now supports Rollup Categories as a read-only single-select field on Defects, Stories, and Epics.
- 84937: Logo updated for 'VersionOne' connector.