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17.1 Release Notes

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Tasktop Release Notes - 17.1.16

Fixes

Tasktop Integration Hub Fixes

- 80341: Fixed an issue whereby certain information not designated for inclusion in Support and Usage Reports was included in user-generated Support and Usage Reports.
- 80341: Modified the Support and Usage Report creation process to eliminate certain information from user-generated reports.
- 80576: Includes support bundle improvements.
- 80569: Apache Commons logging configured with system properties will be overridden by the Log4j configuration.

Features

Repositories

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

Tasktop Release Notes - 17.1.15

Features

- 80341: Includes support bundle improvements.

Tasktop Release Notes - 17.1.14

No release for Tasktop Integration Hub 17.1.14

Tasktop Release Notes - 17.1.13

Fixes

Tasktop Integration Hub Fixes

- 67912: NotFoundException no longer appears in the Tasktop log for events that have completed successfully.

Connector-Specific Fixes

HP ALM

- 66043: Fixed an HP ALM issue where plain text was losing formatting.

Tasktop Release Notes - 17.1.12

Fixes

Tasktop Integration Hub Fixes

- 66526: Fixed an issue where comments could not synchronize due to an error from validation.
- 66335: Fixed an issue where migration could cause duplicates and field-related errors for Microsoft Team Foundation Server when master passwords were used.
- 66357: Fixed an artifact change processing delay to improve synchronization integration performance.
- 65005: Fixed an issue that caused an error when current and previous artifact links were not from the same repository.

Connector-Specific Fixes

Atlassian JIRA

- 62500: Atlassian JIRA's HTML to Confluence conversion can now handle lists within tables.

Tasktop Release Notes - 17.1.11

Fixes

Tasktop Integration Hub Fixes

- 65838: Fixed a defect where duplicate attachments could be created if a back synchronization failed during artifact creation.

Connector-Specific Fixes

IBM Rational Team Concert

- 59242: Fixed an issue where a "Cannot handle RDF resource values" error was received upon artifact retrieval.

Tasktop Release Notes - 17.1.10

Fixes

Tasktop Integration Hub Fixes

- 69545: Improve logging of changed fields during synchronization.

Connector-Specific Fixes

Salesforce

- 62302: Fixed a problem where Salesforce Objects failed to retrieve with a child object message.

Tasktop Release Notes - 17.1.9

Fixes

Connector-Specific Fixes

HP ALM

- 64625: Fixed an issue where linked entities could not be updated.

Jama

- 64400: Fixed an error that would occur when Sets have the exact same lastActivityDate.
- 64116: Fixed a problem where updating a field value can overwrite another field's value in Jama.

Microsoft Team Foundation Server

- 62203: Fixed an issue where attachments could not be retrieved.

Tasktop Release Notes - 17.1.8

Upgrade Notes

Connector-Specific Upgrade Notes

HP ALM

- 62002: Integrations mapping single and multi select fields using label may need to remap the fields. The affected fields are of Lookup list type and have at least one sub-item in available options.

IBM Rational Team Concert

- 64200:
- After applying this patch, the following steps will be required. It's assumed that someone from Solutions will have to guide the customer through these steps.
- Force Tasktop Integration Hub to re-synchronize the artifacts in the relevant integration(s). One method for doing this is to open the Tasktop Integration Hub DB in a SQL client (e.g. Squirrel DB) and delete rows from the ARTIFACT_STATE table that correspond to artifacts in the problematic integration.
- After applying this change to the Tasktop Integration Hub DB, the artifact conflict policy must be set such that the source repository artifact's value dominates.

Tricentis Tosca

- 63967: Customers using containers for Tosca will need to update their routings to use containers with the new labels.

Fixes

Tasktop Integration Hub Fixes

- 64359: Fixes synchronizing duplicate attachments when an error prevents integration from processing attachment event.

Connector-Specific Fixes

Atlassian JIRA

- 63820: Fixed an issue where the JIRA connector did not return a valid label for single select options in closed issues
- 63602: Fixed an issue retrieving sprint value when multiple sprint fields are defined in Atlassian JIRA.

HP ALM

- 64120: Fixed an issue where expired sessions are not re-authenticated.
- 62002: Fixed an issue where the root elements of Lookup list fields with sub-items were not available.

IBM Rational Team Concert

- 64200: Fixed an issue where RTC changesets were not synchronized properly.
- 62300: Fixed an issue where location contains an extra /.

Jama

- 64112: Fixed an issue with reading error messages from Jama.

Rally

- 63819: Fixed an issue where network errors from CA Agile Central were not automatically retried.

Tricentis Tosca

- 63967: Fixed an issue where listed containers did not show up as they do in the Tosca UI, Tosca containers are now listed with leading '/'

Tasktop Release Notes - 17.1.7

Fixes

Tasktop Integration Hub Fixes

- 63583: Fixed an issue where model schema changes would cause errors when aggregating events.

Connector-Specific Fixes

HP ALM

- 63204: Fixed an issue where UI field text wrapping was inserting false line breaks.
- 61701: Fixed an issue in HPE ALM where an error would occur retrieving a list of test folders while test folders are being created or removed on the server.

Tasktop Release Notes - 17.1.6

Fixes

Tasktop Integration Hub Fixes

- 62034: "Authentication state expired" issues are only displayed if they recur frequently. Previously such issues were displayed unnecessarily.
- 62022: State transition scripts can now have JIRA labels on state transition. Previously JIRA state transitions failed if labels were exposed on a JIRA state transition screen.

Connector-Specific Fixes

HP ALM

- 61701: Fixed an issue in HPE ALM where an error would occur retrieving a list of test folders while test folders are being created or removed on the server.
- 61700: Improved performance when retrieving test folders and test set folders.
- 58915: Fixed an issue where HP ALM parent link was allowed to be set to an invalid value.

Features

Installers

- 60400: Installer on Windows is signed and published by Tasktop.

Tasktop Release Notes - 17.1.5

Fixes

Tasktop Integration Hub Fixes

- 62021: Fixed an issue where integration data was deleted if configuration was not loaded.

Connector-Specific Fixes

CA Clarity PPM

- 61561: Fixed an issue where CA PPM timed out trying to retrieve product options.

Features

IBM Rational ClearQuest

- 31177: Introduced state transition support for IBM ClearQuest

Tasktop Release Notes - 17.1.4

Fixes

Tasktop Integration Hub Fixes

- 61212: Fixed a problem connecting to Hub over SSL when using user management.
- 60526: Fixed an issue where conditional route is not re-applied when condition field changes.

Connector-Specific Fixes

Atlassian JIRA

- 61458: Fixed an issue so that the Atlassian JIRA connector's person search is no longer too broad for some JIRA configurations involving LDAP.

Tasktop Release Notes - 17.1.3

Upgrade Notes

Connector-Specific Upgrade Notes

Rally

- 61441: Routing for CA Central Agile is now done with projects directly, not workspaces. Collections will need to be re-created and corresponding integrations updated.

Fixes

Connector-Specific Fixes

Rally

- 61441: To improve Tasktop performance, CA Central Agile collections are scoped by project and not an entire workspace.

Tasktop Release Notes - 17.1.2

Fixes

Connector-Specific Fixes

Atlassian JIRA

- 59505: Fixed error that occurred during JIRA authentication.

Tasktop Release Notes - 17.1.1

Upgrade Notes

Tasktop Integration Hub Upgrade Notes

- 60556: When upgrading to 17.1.1, the user management configuration database (User's Tasktop data location/keycloak/standalone/data/keycloak.h2.db) must be backed up and restored after installation.

Connector-Specific Upgrade Notes

Jama

- 54138: For the most recent fixes to Jama rich text processing, any configurations mapping a Jama rich text field using HTML as the markup language should be changed to use Jama HTML instead.

Fixes

Tasktop Integration Hub Fixes

- 59218: Fixed a problem where user management would not stop when stopping Tasktop if the system default JRE is not Java 8.

Connector-Specific Fixes

IBM Rational DOORS

- 58810: Fixed an issue where dates in German language setting cannot be retrieved.

Jama

- 54138: Fixed an issue with synchronizing lists in rich text fields in Jama.

Rally

- 59429: Fixed an issue where some CA Agile Central single/multi select fields did not have all options available.

ServiceNow Service Desk

- 60208: Fixed issue with duplicate tables in ServiceNow Service Desk.

Tasktop Release Notes - 17.1.0

Upgrade Notes

Connector-Specific Upgrade Notes

CA Clarity PPM

- 52745: The NSQL for Tasktop_GetResources has been updated and can be retrieved from the help documentation. Users will need to update their server with the updated Tasktop_GetResources NSQL and might need to refresh the schema.

Microsoft Project Server

- 40885: Sync configurations using the Microsoft Project Server Connector no longer need to restrict worker-threads to 1.

Microsoft Team Foundation Server

- 51491: The required version of Team Foundation Server SDK for Java has changed from 12.0.2 to 14.0.2.

Rally

- 57509: CA Agile Central Collections in Tasktop Integration Hub need to be re-created to accommodate improvements in Workspace/Project containment support. Duplicated Workspaces in the Project selection dialog is a symptom of an outdated CA Agile Central Collection.
- 52223: Some HTML fields have been changed to plain text fields. After refreshing repository schema field values will not be rendered as HTML as they were previously. Mappings may need to be updated.

System Requirements

Browsers

The following browsers are supported:

- Internet Explorer 11 or later
- Firefox 46.0.1 and up
- Chrome 50.0.2661.102 and up

Operating Systems

The following 64-bit operating systems and versions are supported:

- Windows 7 SP1
- Windows 10
- Windows Server 2008 R2 SP1
- Windows Server 2012 R2
- Windows Server 2012
- Windows Server 2016
- Red Hat Enterprise Linux 6.x
- Ubuntu Linux 12.04 LTS
- Ubuntu Linux 14.04 LTS
- Ubuntu Linux 16.04 LTS
- SUSE Linux Enterprise Server 11.x
- SUSE Linux Enterprise Server 12.x

Java Runtime Environment

The JRE is included with no need to install a JRE separately.

Databases

The following databases and versions are supported for use in an Enterprise Reporting Integration:

- Microsoft SQL Server 2008 (including SP1, SP2, SP3, SP4)
- Microsoft SQL Server 2008 R2 (including SP1, SP2, SP3)
- Microsoft SQL Server 2012 (including SP1, SP2)
- Microsoft SQL Server 2014 (including SP1)
- Microsoft SQL Server 2016
- MySQL 5.5
- MySQL 5.6
- MySQL 5.7
- Oracle 11g
- Oracle 12c

Please note: A database is only required for the Enterprise Reporting Integration. A database is not otherwise required for running the Tasktop.

Hardware Sizing for Deployment Scenarios

Following are recommendations on sizing hardware and virtual machine capacity to meet the needs of typical deployment scenarios.

The Tasktop Integration Platform is a web application which runs centrally on a server. Users interact with it through a web browser from any computer that has network access to the server. These sizing recommendations apply to the server machine running the Tasktop Integration Platform.

These recommendations are guidelines intended to provide a starting point when deciding on hardware allocation for a specific deployment. We recommend monitoring system load including CPU usage, memory pressure and disk queue length and adjusting the system sizing accordingly.

For best results, the Tasktop Integration Platform should be deployed in an environment that has good network throughput and low latency to all repositories and databases involved in an integration.

Small Deployment

A deployment managing up to 20,000 ALM artifacts and up to 200 active users.

- 4 GB system memory
- 3 GHz processor, 2 cores
- 50 GB free disk space

Small deployment system sizing is roughly equivalent to an EC2 T2 Medium instance.

Medium Deployment

A deployment managing up to 100,000 ALM artifacts and up to 1,000 active users.

- 8 GB system memory
- 3 GHz processor, 2 cores
- 150 GB free disk space

Medium deployment system sizing is roughly equivalent to an EC2 T2 Large Instance.

Large Deployment

A deployment managing many ALM repositories and 200,000+ ALM artifacts and over 2,000 active users.

- 8 GB system memory
- 2 × 3 GHz processors, 4 cores
- 250 GB free disk space

Large deployment system sizing is roughly equivalent to an EC2 M4 Large or M3 Large Instance.

Fixes

Tasktop Integration Hub Fixes

- 58823: User is able to list options on field mapping page for fields that depend on Container Link fields
- 58147: Comments can flow when a constant mapping has been configured in the same direction
- 57629: Fixed an issue where upgrading from 1.7.6 to 1.7.7 did not correctly migrate artifact links that did not have scope.

- 56538: Fixed a problem where the Bulk action menu was displayed when it had no options.
- 56107: Selecting a value for a constant mapping does not mark the page dirty before adding the mapping
- 56003: Labels in the conditional routing default route single select no longer overlaps with icon
- 55901: User can save a gateway collection after removing a repository
- 55407: Project pills in integration routing page always have tooltips
- 55105: Fixed an issue where the user could not report on deleted artifacts that were linked to other deleted artifacts.
- 54832: Paging single select correctly enables and disables paging for a changing number of options
- 54425: Fixed a problem in processing a new artifact that is in multiple collections in the same integration.
- 54035: Links will now be synchronized in both directions when a single event makes changes in both sides of a synchronization.
- 53728: "No mapped field" message now links to the correct page.
- 53455: User can persist state transition mapped on the collection while changing other field mapping configuration.
- 53135: Adding a constant value after having a field selected will no longer cause an error in the saved mapping.
- 52939: Change detection on repository collections is stopped when an expired license is present in order to prevent a large number of activity from accumulating.
- 52650: User can navigate to comment synchronization configuration page even if type does not support comment synchronization. User is informed that the collection does not support comments.
- 52515: Removing all projects when editing a collection no longer causes the type to disappear from the UI
- 52311: Comments which error will not block other comments from synchronizing

Connector-Specific Fixes

Atlassian JIRA

- 58217: Fixed an issue where retrieving an artifact with Jira Enhancer Plugin's date field caused an error.
- 56022: Fixed a problem when retrieving a Jira artifact with unsupported writeable fields.
- 54969: Fixed the retrieval of attachments from Atlassian JIRA OnDemand.
- 54810: Improved error handling when Atlassian JIRA user has insufficient permissions.
- 53731: Fixed an issue where the JIRA connector did not retrieve single select options for a closed issue.

Blueprint

- 50009: Fixed an issue that kept non validated number fields from being synchronized.

HP ALM

- 56807: Fixed an issue where link retrieval failed on changing total number of records.

- 55319: Fixed an issue where HPE ALM Test Sets would display an incorrect location.
- 54427: Fixed an issue where data integrations would take a long time processing artifacts with a complex folder structure.
- 54701: Fixed an issue in HP ALM connector where some URL attachment based web links would display missing or incorrect URLs.
- 54316: Fixed an issue in the HP ALM connector where sometimes attachments were incorrectly being treated as web links.
- 53503: Fixed an issue with incorrect links when artifacts have the same ID.
- 53454: Fixed an issue where Test Configuration parent Tests were not being checked out.
- 53137: Fixed an issue where comments with no header couldn't be retrieved.

HPE ALM Octane

- 54318: Fixed an issue where upgrading to the newest version would cause errors.

Jama

- 55812: Fixed an issue where Jama items without names could not be retrieved.
- 54761: Fixed an issue where some server-side exceptions were being reported with confusing messages.
- 54423: Fixed an issue where the Jama connector failed to update relationships on locked artifacts.
- 53755: Fixed an issue where locked items were causing all items being synchronized to go into pending state
- 53326: Fixed an issue where item types that contained fields already on the Core type could not be synchronized.

Leankit

- 55335: Fixed an issue where Planned Start and Planned End date fields couldn't have the same day value.
- 53814: Fixed handling of LeanKit repositories that don't support custom fields.

Microsoft Project Server

- 55600: Fixed an issue where a 'ProjectHasWriteLock' error prevented synchronization in Microsoft Project Server

Microsoft Team Foundation Server

- 53118: Fixed memory consumption issues with the TFS SDK.
- 51491: Fixed an issue where date based favorite queries return no result.

Planview

- 53810: Fixed an issue where Effort fields could not be retrieved.

Rally

- 53004: Fixed an issue in Portfolio Item in CA Agile Central that affected subtask creation.

- 52414: The Index field of CA Agile Central Task artifacts is no longer required.
- 52223: Fields in CA Agile Central that can contain HTML but are not always displayed in the UI as HTML are now represented as plain text fields.
- 50314: Fixed an error sometimes seen when synchronizing newly created artifacts with parent child links.

Serena Business Manager

- 55502: Fixed an issue where the Task-Link-To-Web-Link caster caused a null pointer exception when retrieving a Key from the related item.
- 54959: Fixed an issue where Serena Business Manager custom field of type Single Relation with a value reported no value.

Taucraft Targetprocess

- 56016: Fixed an issue where Money custom fields caused an error.
- 55905: Fixed an issue where the "Query by Team" search could not be set up in Taucraft Targetprocess.
- 55343: Fixed an issue where URI fields in Taucraft Targetprocess could not be synchronized.
- 55342: Fixed an issue in which TargetProcess would fail to retrieve attachments that had missing or empty descriptions.

Tricentis Tosca

- 52498: Tosca custom string fields support line breaks.
- 49537: Fixed an issue causing poor performance when querying Tosca.

VersionOne

- 56722: Fixed an issue where the PlannedEnd and PlannedStart fields weren't in the schema.

iRise

- 54224: Fixed an issue where retrieving comments on iRise caused an error.

Features

Activity & Issues

- 56316: User more easily understands the impact of various Issues.

Atlassian JIRA

- 56164: Added support for JIRA nFeed plugin fields
- 55024: Added USERNAME person field support.

Collections

- 56834: User can set a constant value into a ContainerLink field on a collection.

- 56802: User can use ContainerLink like relationship field.
- 56740: Tasktop allows Location fields to be mapped with Web Links fields.
- 56739: Relationship field types can be mapped with Web Links field types.
- 56738: Relationship fields can be mapped to WebLinks fields.
- 56736: WebLink fields can now be synchronized
- 56012: User can set a constant value into a relationship field
- 56011: User can set a constant value for collection fields that accept new values but have no options.
- 56008: User can set a different constant value on a collection field for each project in a collection.
- 54508: User Can flow a multi-value field to a single-value field without a script
- 53611: Field matching now supports matching by field label

Collections: Gateway

- 56743: User can populate web links fields using a gateway collection.
- 50021: User is able to create a script that will transform an arbitrary payload into a valid gateway payload.

General

- 53744: Artifacts known to be recently changed are processed with higher priority.

GitHub Issues

- 53362: Added support for mapping person fields by properties such as email, display name and user name.

IBM Rational Requirements Composer

- 52783: Support for person attributes to be mapped using person-fields (e.g. Email, User ID, User Name).

IBM Rational Team Concert

- 52763: RTC Change Set Links now supported.

Integrations

- 56800: User can use ContainerLinks in scripted ValueTransformations.
- 56503: A warning is shown when making changes to running integrations.
- 54713: Users can route artifacts to repository containers such as folders and projects.
- 54712: User is able to configure routing with Value With Label based containers
- 54307: Default person is used in attachment and comment synchronization if person is not found.

Leankit

- 56169: LeanKit connector now sends a 'User-Agent' header with value 'Tasktop LeanKit Connector' in all requests.

Rally

- 57509: The CA Agile Central connector now treats Workspace as a top-level Project and allows artifacts to move across projects.
- 56207: Added Changeset support for CA Agile Central

Repositories

- 55300: Administrators can now limit concurrency by setting a limit on the repository connection settings.
- 47401: Added support for authentication using CA SSO.

Scripting

- 56737: Allow value transformation scripts to handle Web Links fields.
- 53462: Users can script custom data transformations for simple types.

Serena Business Manager

- 30043: Serena Business Manager connector supports person attribute mapping other than person ID.

Serena Dimensions RM

- 56147: Improved support for Category container.

Template: Synchronization

- 56541: Artifact containers are updated when artifacts are moved between sub-containers according to new routes
- 53006: Synchronization of attachments can occur with repositories that reject attachment filenames with certain characters. For example, if the space character is disallowed, it is replaced with an underscore '_' during synchronization to enable the corresponding attachment to flow.
- 52225: A size limit for attachments may be specified for synchronization integrations.

Tricentis Tosca

- 56104: Improved support for Requirement Set, Execution List, and Folder containers.

User Management

- 50526: Tasktop users must authenticate to access the Tasktop web application.