

TopBraid  
Suite  
7.3.0

- Feature: TBS-4670: Problems and Suggestions panel now has a setting to specify the maximum number of violations that will be returned.

- Feature: TBS-3118: SPARQL Query panel now has a cancel button for long-running queries.

The SPARQL Query Management config setting is no longer needed for queries issued against the SPARQL endpoint.

- Feature: TBS-4674: Create Relationship dialog now has an option to also create an inverse (once sh:class has been selected).

- Feature: TBS-4655: Forms of object properties now display any inverse property shapes.

- Feature: TBS-4194: Workflow templates now support a property `teamwork:requiredGovernanceRoleOnCreate` that can be used to limit

which groups of users can create new workflows using the template.

- Feature: TBS-3990: Added Edited Assets panel to display all resources that have been edited in the current workflow,

and details about what has changed for each.

- Feature: TBS-3990: Added 'Run Problems and Suggestions report' batch operation to run the report on the selected assets only.

- Feature: TBS-4711: Download link for Workflow templates now does a proper download, with proper file name and base URI.

- Feature: TBS-4094: Workflow templates can now report constraint violations and block editing for certain resources that may not be edited, see `teamwork:editableInWorkflowScript`.

- Feature: TBS-2954: Many convenience methods added to ADS API, see `NamedNode.objects()` and class `GraphNodeArray` as starting points.

Note: the additional functions at `NamedNode` may conflict with ontology-generated APIs if they relied on

fields with these names: `objects`, `subjects`, `hasObject`, `hasSubject`.

- Feature: TBS-4752: Added `IO.parseRDF()` to ADS API.

- Feature: TBS-4790: Various layout and content improvements to workflow pages.

- Feature: TBS-4184: Added API function `tbs:validateWorkflow` and workflow transition attribute `teamwork:blockOnValidationSeverity`

which can be used to prevent transitions when the validation of the edited assets fails.

- Feature: TBS-4113: Transition history page now also shows the votes on transitions that entered `OpenForVoting` status.

- Feature: TBS-4244: Workflow templates overview now clarifies what user roles are allowed to vote.

- Feature: TBS-4446: Added ADS functions `dataset.createTempGraph`, `graph.construct` and `graph.addTriples`.

- Feature: TBS-3183: Added email server config parameter "Send workflow status change emails" that will activate a rule that will

send emails after workflow status transitions to all users with permissions to advance the workflow further (except for admin and power users).

- Feature: TBS-4817: Added SPARQL function `smf:isSystemGraph`.
- Feature: TBS-4813: New admin page showing currently occupied license seats
- Feature: TBS-4822: Admins can kill active sessions on the Concurrent Users page
- Feature: TBS-4850: Added global GraphQL config option to ignore browser's language tags in searches.
- Feature: TBS-4705: Added a global configuration option to enable Search the EDG for all asset collections.
- Feature: TBS-4726: Defines Sub Navigation for project pages.
  - Adds navigation breadcrumbs.
  - Moves Asset Collection and Workflow title to sub navigation.
  - Moves favorite project toggle to sub navigation.
  - Moves file, home, layout, lanel and misc buttons from the header to the Sub Navigation.
  - Adds Asset Collection status to the sub navigation.
- Improvement: TBS-4731: Diff viewer on Files page now clarifies which side is which.
- Improvement: TBS-4536: Adding missing acronyms and descriptions to EDG Classes.
- Improvement: TBS-4742: Upgrade Tika to version 1.28.1 to address CVE-2022-23596.
- Improvement: TBS-4685: Better listing of new graphs after importing TriG or Zip file.

- Improvement: TBS-4589: Replaced the term "working copy" with "workflow" within the visible user interface (except APIs).

- Improvement: TBS-4754: ADS Excel file importer is now more tolerant against malformed spreadsheets with invalid datatype literals.

- Improvement: TBS-4748: Importing multiple asset collections from zip now ignores .hidden files and reports better errors when parsing fails.

- Improvement: TBS-4768: OWL 2 SHACL converter now also handles rdfs:ranges with an owl:unionOf (currently only for length 2 and 3).

- Improvement: TBS-4780: spif:generateUUID now only generates strings starting with a letter. This avoids local names starting with

digits that didn't work well with the qname abbreviation algorithm used to display IDs in TopBraid, Turtle etc.

- Improvement: TBS-4791: sh:in now shows up on the form of property shapes, at least as a read-only field.

- Improvement: TBS-4798: The form editors for SWP elements (ui:prototype) and ADS scripts (dash:js) now open in full-screen mode when

opened by a click on the property name on the form (and it's the only property being edited).

- Improvement: TBS-4806: OpenAPI/Swagger now display better service summaries, derived from first sentence of rdfs:comment instead of rdfs:label.

- Improvement: TBS-4341: ADS node.js performance improvement of qname/localName/nameSpace algorithms.

- Improvement: TBS-4727: Search Panel layout has been refined for an improved user experience.
- Improvement: TBS-4698: Replace node-sass which has been deprecated with dart-sass.
- Improvement: TBS-4856: In the ADS API, sh\_NodeShape.properties now returns sh\_PropertyShape[].
- Improvement: TBS-4852: 'add column' action moved to react table
- Improvement: TBS-4628: Rewrite of backup and restore
- Improvement: TBS-4536: Updated QUDT to release 2.1.18.
- Improvement: TBS-4728: Manage search filter within a modal
- Improvement: TBS-4893: Moved Miller Column Dialog into a flyout
- Improvement: TBS-4943: File Save button now display a confirmation dialog if the file on disk is newer than the last save time stamp.
- Improvement: TBS-4942: The file editor will display a warning dialog if the user navigates away with unsaved changes.
- Improvement: TBS-4957: SPARQL endpoint now also supports response type application/n-triples.
- Improvement: TBS-4818: Icons added to the search the edg result drop down menu
- Improvement: TBS-4906: Re-wording of graphQL missing public class message

- Improvement: TBS-4849: In Studio/ADS, outdated API warnings are now only printed on the first incident.
- Improvement: TBS-4750: Adjust multi-search input placement to even out white space above and below.
- Improvement: TBS-5005: Enumerations panel will now match to all other search panels
- Improvement: TBS-4664: If an asset collection is included into the Governance Model, all roles will be given viewer permission to it and its imports.
- Improvement: TBS-4983: Relocate New button in header next to Collections menu.
- Improvement: TBS-5016: Table viewers such as dash:ValueTableViewer now render rdf:HTML literals as embedded HTML.
- Improvement: TBS-4846: Better error handling for a failure when publishing to Explorer/Sending projects to another server.
- Change: Upgraded GraalVM to version 22.0.0 (which includes support for ECMAScript 2022).
- Change: Upgraded Monaco Editor to version 0.32.1
- Change: TBS-4759: The (experimental) API features introduced with 7.2 have been promoted to API status "stable".
- Change: TBS-4649: Users that are neither admins nor power users can no longer run SPARQL queries that iterate over all graphs using  
the GRAPH clause with an unbound variable. A new server config parameter can be used to block this even for

admins and power users, which is useful especially during development and testing.

- Change: TBS-4714: Updated graphiql to version 1.8.2.

- Change: Upgraded GraalVM to version 22.0.0 (which includes support for ECMAScript 2022).

- Change: Upgraded Monaco Editor to version 0.32.1

- Change: TBS-4793: The properties table on class/node shape forms no longer supports drag and drop but right-click context menu.

- Change: TBS-4743: Upgrade Apache Tika to 2.3.0. EDG now only includes the Tika standard

parser package, and support for some file formats has been lost from Corpus import.

- Change: TBS-4817: OWL to SHACL converter page no longer automatically includes transitive owl:imports of the selected subgraphs.

Select them explicitly if you like to include them.

- Change: TBS-3938: Settings from the editor are now saved per asset collection and shared for all workflows of that asset collection.

- Change: TBS-4698: Updates fontawesome-free to fontawesome-free v6.

- Change: TBS-4839: More GraphQL mutation uri fields can now parse qnames instead of the full URI.

- Change: TBS-4911: In create dialogs, ( and ) characters entered in labels will be skipped for the generation of local names.

- Change: TBS-4953: SPARQL Query panel now queries all included graphs by default, use 'Return local results only' for old behaviour.
- Change: TBS-5004: Governance in the Collections menu now links to Governace Areas tab.
- Change: TBS-5004: Governance in the Collections menu now links to Governace Areas tab.
- Bug fix: TBS-4195: Default workflow template selection now picks another template if teamwork:DefaultTagWorkflowTemplate does not exist.
- Bug fix: TBS-4746: Change History panel did not correctly show the added/deleted counts.
- Bug fix: TBS-4751: ADS graph.contains now matches JS plain numbers to both xsd:integer and xsd:decimal (where applicable).
- Bug fix: TBS-4757: dash:TextFieldEditor and dash:TextAreaEditor were incorrectly allowed to edit rdf:langString values.
- Bug fix: TBS-4761: The arguments of tbs/exportRDFFile service were ignored when called as POST request.
- Bug fix: TBS-4770: GraphQL engine did not correctly handle where...contains on inferred (sh:values) properties.
- Bug fix: TBS-4772: GraphQL engine sometimes did not work with where...startsWith.
- Bug fix: TBS-4715: Some dates for Tasks were not using a using a localized format.

- Bug fix: TBS-4721: Use consistent messaging for admin and non-admin users when a term license expires.
- Bug fix: TBS-4773: The constraints that classes, properties and shapes cannot be declared in non-Ontology graphs was not always triggered correctly.
- Bug fix: TBS-4771: Fixed a problem running multiple named queries in GraphiQL interface.
- Bug fix: TBS-4774: GraphQL servlet's async flag did not work as advertised.
- Bug fix: TBS-4787: For `edg:DataValueRules`, the values of datatypes would sometimes disappear from the form view.
- Bug fix: TBS-4812: Fix possible NPE when logging out with an API client
- Bug fix: TBS-4737: Fixed layout regression with tabular script results viewer.
- Bug fix: TBS-4836: Fix regression where SPARQL DESCRIBE queries would return no results.
- Bug fix: TBS-4837: Removing the "Allow Anonymous Access" setting from Server Configuration would only take effect after restart
- Bug fix: TBS-4813: Fix "anonymous" user occupying a license seat in certain circumstances
- Bug fix: Missing styled error page when concurrent user limit exceeded on EDG Studio
- Bug fix: TBS-4845: The Undo button was broken from workflows.

- Bug fix: TBS-4825: Disabled cross domain request for YATE and YASQE
- Bug fix: TBS-4724: Change History Panel resizing issue
- Bug fix: TBS-4851: Search Panel: filtering on nested columns does not work
- Bug fix: TBS-4911: Create property dialog did not create global OWL properties if the property path was not a qname.
- Bug Fix: Permissible Value Properties should more reliably show labels instead of URIs.
- Bug fix: TBS-4871: Added scroll bar in panels menu
- Bug fix: TBS-4907: For sh:SPARQLFunctions, the form editor would sometimes save sh:ask even if only sh:select was edited.
- Bug fix: TBS-4949: Transform > Delete Sample Data sometimes hung.
- Bug fix: TBS-4904: Fix problem with duplicate URIs that exist in multiple graphs in Search the EDG results.
- Bug fix: TBS-4719: Sparql Panel set to read only when user has no edit access
- Bug fix: TBS-4931: Fix problem SSL authentication using sml:PostRequest
- Bug Fix: TBS-4928: Fixed Basic Auth not working with IO.http() function of ADS API
- Bug fix: TBS-4872: Fixes retrieving public keys for verifying OAuth tokens from Okta.

- Bug fix: TBS-4889: Fixes an issue recognizing user-defined governance roles.
  
- Bug fix: TBS-4968: Cloning an asset collection did not clone certain references such as sh:prefixes ?projectGraph.
  
- Bug fix: TBS-4916: Fixed handling of dates with a 'Z' (UTC) time zone.
  
- Bug fix: TBS-4924: Allow only POST requests to the SAML assertion consumer service.
  
- Deleted: TBS-4486: Legacy graph <http://topbraid.org/imported> (imported.ttl) and two related SPARQL functions have been deleted.
  
- Deleted: TBS-4708: Removed jqgrid and datatables javascript libraries. Their usage had previously been deprecated.
  
- Deleted: TBS-4487: Remove remnants of deleted legacy EVN Explorer
  
- Deleted: TBS-4536: removed QUDT release 1 files. They can be found on the web at <http://linkedmodel.org/catalog/qudt/1.1/>
  
- Deleted: TBS-4848: Removed some dead code for an error condition that can no longer occur.
  
- Change: TBS-4929: Several places related to Secure Storage now require separate arguments for 'user' and 'resource' instead of a concatenated 'user@resource' argument. This affects the APIs
  - tbl/credentialHandler, padmin:HasExistingCredentialsService and padmin:RemoveSecureStoragePasswordService,
  - the SWP elements padmin:removeSecureStoragePassword and swa:updateSecureStorage, and the SPARQL function smf:hasPassword.

