



TIBCO Business Studio™ - BPM Edition

Release Notes

Version 5.5.0 | March 2024

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New Features

The following features have been added in this release of TIBCO Business Studio™ - BPM Edition.

Support for Logging levels

TIBCO Business Studio™ - BPM Edition supports the methods for the Logger class, which help to choose logger levels. The new Logger class provides methods for output of log messages at different levels such as Information and Debug. For more information, see the Controlling Logging Levels section in the *TIBCO Business Studio™ - BPM Edition Application Designer's Guide*.

Converting between BOM Object and JSON string

New script utility methods are provided to allow business data class type fields to be converted to and from a JSON format.

For more information, see the bpm.scriptUtil section in the *TIBCO Business Studio™ - BPM Edition Application Designer's Guide*.

REST service consumer participants

When you migrate BPM 4.x SOAP service tasks to BPM 5.x REST service tasks, the participant is configured and uses a runtime resource instance with the same name. It simply creates HTTP Client shared resources in 5.x that are configured for the REST end-points that replaces the SOAP end-points used in the BPM 4.x application.

Enhance searchable attributes of case classes

You can now define up to 30 searchable attributes for any case class, this includes attributes from non-case classes composed directly or indirectly from the case class.

Support for Database Service Task

TIBCO Business Studio™ - BPM Edition reintroduces Database Service Task.

Support for Helper Script Utilities for Date Time duration

As a replacement for the BPM 4.x Duration objects that were used to calculate date-time offsets in scripts, the new script utility methods perform similar calculations. For more information, see the DateTimeUtil section in the *TIBCO Business Studio™ - BPM Edition Application Designer's Guide*.

Automatic migration of Class generalization

Business Data Classes with Generalization are now migrated automatically when migrating the 4.x version TIBCO Business Studio™ - BPM Edition projects to the 5.x version. Properties that were formerly inherited from a super class generalization are now pulled up into any

sub-class. So, the properties are available for use in scripts and forms, and so on, exactly as they were in BPM 4.x.

Correlation data with Event Handlers and Event Sub-Processes

You can use correlation data with Event Handlers and Event Sub-Processes that includes initializer activity configuration. This feature is re-enabled in TIBCO Business Studio™ - BPM Edition 5.5.0 version as it exists in the 4.x version.

Support for TIBCO Business Studio - BPM Edition Studio Hotfix Installation

TIBCO Business Studio™ - BPM Edition supports Studio Hotfix installation when creating the Studio Docker CI/CD image with automated CI/CD features.

Incoming Request Correlation Timeout Configuration

TIBCO Business Studio - BPM Edition reintroduces the Correlation Timeout configuration for incoming request events and to receive tasks.

Changes in Functionality

No functionality changes have been made in this release of TIBCO Business Studio™ - BPM Edition.

Deprecated Features

The following feature has been deprecated as of this release of TIBCO Business Studio™ - BPM Edition.

Affected Component	Description	Deprecated in Release
CentOS 7.x 64-bit on x86-64	The CentOS 7.x is deprecated.	5.5.0
SVNKit	The SVNKit is deprecated.	5.5.0



Note: Platform support is aligned with industry technical support.

Removed Features

No features have been removed in this release of TIBCO Business Studio™ - BPM Edition.

Migration and Compatibility

The following information provides migration procedures and compatibility matrix for this release of TIBCO Business Studio™ - BPM Edition.

Migrating from Version 5.x

Migration and compatibility are not affected in this release of TIBCO Business Studio - BPM Edition.



Note: To create a new workspace and to import your BPM projects, go to **File > Import > Existing Studio Projects into Workspace**.

Migrating from Version 4.x

You can use TIBCO Business Studio - BPM Edition for migration of 4.x applications. For more information, see the Importing Pre-Version 5.x Projects into TIBCO Business Studio - BPM Edition Version 5.x and Process Migration topics in the *TIBCO Business Studio™ - BPM Edition Migration Guide*.



Note: You must manually install TIBCO Business Studio™ - BPM Edition in a separate *TIBCO_Home* folder from the previous versions. The folder is not selected by default.

For more information, see the *TIBCO Business Studio™ - BPM Edition Migration Guide*.

Closed Issues

The following issues have been closed in this release of TIBCO Business Studio™ - BPM Edition.

Key	Summary
ACE-7710	Reduce the size of the JavaScript generated for input output Data Mapper grammar input/output mappings by reducing repetitions on null source value checks.
ACE-7608	The Incoming Request Timeout and Use unqualified correlation property names on deploy properties are removed as they are no longer applicable in BPMe 5.x.
ACE-7582	The validation rule against more than 100 input/output data mappings was removed because it was no longer applicable in BPMe 5.x.
ACE-7472	The bpm.scriptUtil JavaScript Utility class must be available for user task Work Manager scripts and Process Manager scripts.
ACE-7334	For JavaScript editor content assist, the list of suggestions is grouped and sorted alphabetically. The user-defined content (for example, data , factory , and pkg) appears in the list before the static content.
ACE-7329	When migrating AMX BPM 4.x projects to BPM Enterprise 5.x, REST Service Consumer Participants in process packages lose their Shared Resource Instance Name configuration.
ACE-7205	In the Data Mapper mapping properties, when you undo a newly created data mapping with Ctrl+Z, this action does not reflect on the data mapper UI.
ACE-7121	When one or more projects have validation problems, then the output from the auto CI/CD console should list the problem markers.

Key	Summary
ACE-7016	Creating and assigning temporary array variable in scripts (that is, var list = [];) can cause the remainder of the script not to be validated.
ACE-7011	Support more of the JavaScript String class methods in the Studio script editor content assist.
ACE-7005	When a major version is changed without any changes in the BOM project, process project does not regenerate forms.
ACE-6996	The Exclude Empty Optional Content feature has been enhanced for REST service input payloads. Optional objects and arrays are treated as empty even if they have empty required descendant objects or arrays. In other words, optional objects are considered empty unless they contain at least one descendant simple-type data property with a value.

Known Issues

The following issue exists in this release of TIBCO Business Studio - BPM Edition.

Key	Description
ACE-7489	<p>Summary: With Eclipse 4.19 platform on Windows 11, a button with arrow style is not displayed for the Activity Type field under the General tab.</p> <p>Workaround: None.</p>
ACE-5666	<p>Summary: Script validation does not generate an error for the misplaced "=" operator in string concatenations.</p> <p>Workaround: Locate and fix the issue within the expression in the script.</p>

TIBCO Documentation and Support Services

For information about this product, you can read the documentation, contact TIBCO Support, and join TIBCO Community.

How to Access TIBCO Documentation

Documentation for TIBCO products is available on the [Product Documentation website](#), mainly in HTML and PDF formats.

The [Product Documentation website](#) is updated frequently and is more current than any other documentation included with the product.

Product-Specific Documentation

The documentation for this product is available on the [TIBCO Business Studio™ - BPM Edition Product Documentation](#) page.

How to Contact Support for TIBCO Products

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- To access the Support Knowledge Base and getting personalized content about products you are interested in, visit our [product Support website](#).
- To create a Support case, you must have a valid maintenance or support contract with a Cloud Software Group entity. You also need a username and password to log in to the [product Support website](#). If you do not have a username, you can request one by clicking **Register** on the website.

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requests from within the [TIBCO Ideas Portal](#). For a free registration, go to [TIBCO Community](#).

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