

TIBCO Business Studio™

ActiveMatrix® Decisions Add-in

Release Notes

*Software Release 1.3.0
November 2015*

Two-Second Advantage®

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Release Notes

Check the TIBCO Product Support web site at <http://support.tibco.com> for product information that was not available at release time. Entry to this site requires a username and password. If you do not have a username, you can request one. You must have a valid maintenance or support contract to use this site.

Topics

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Important Information

You must apply TIBCO ActiveMatrix Platform 3.3.0 Hotfix-11 or later both on TIBCO Business Studio and TIBCO ActiveMatrix BPM runtime to be able to deploy Decisions applications.

The section below presents details of known issues in ActiveMatrix BPM 4.0.0. We recommend you to contact TIBCO Support for up to date details on resolutions to these issues.

Defect #	Summary/Workaround
AMX-15212, SDA-451	<p>Summary On systems where TIBCO ActiveMatrix 3.3.0 Hotfix 10 has been applied, you cannot deploy a Decisions Service project from TIBCO Business Studio.</p> <p>Workaround Export the Decisions Service project as a DAA and deploy it from ActiveMatrix Administrator.</p>

New Features

This section lists new features in the TIBCO Business Studio™ ActiveMatrix® Decisions Add-in.

Release 1.3.0

- A Business Data project can now include local BOMs (in addition to BOMs containing Case and Global Class types). A local BOM is a BOM that contains only local classes. You can create a local BOM in two ways:
 - You can create one manually in the project's Business Objects folder.
 - You can add a WSDL or XSD to the project's Service Descriptors special folder. When you do this, a local BOM representing the WSDL or XSD is automatically generated in the project's Generated Business Objects folder. An automatically generated local BOM is also referred to as a generated BOM.
- Support for decisions projects being deployed separately (and not containing the runtime artifacts) for referenced Business Data projects.
- Business Objects asset and Service Descriptor asset are not be selected by default when a new Decision project is created. It is now recommended to create separate Business Data Projects for BOMs and WSDLs.

Release 1.2.0

- Decisions projects can now be included as a resource in a TIBCO Business Studio deployment project. This allows you to generate Apache Ant™ scripts that can be used to deploy decisions projects from a command line.
An example script that generates DAAs for all of the sample decisions projects is also included in the `sda_samples\Deployment\CL-Build-DAA` folder.
- A new `sda.generateDAA` Apache Ant task allows the generation of decisions project DAAs from the command line.
An example script that generates CLI scripts that can be used to deploy all of the decisions sample and tutorial projects is also included in the `sda_samples\Deployment\DeploySamples` folder.
- The TIBCO Business Studio ActiveMatrix Decisions Add-in now supports installation on Linux.
- The sample and tutorial projects are no longer included with the documentation as they were in past releases. They are now installed with the software in the `sda_samples` directory.

The samples also now include a Deployment folder that includes examples of generating DAAs from a command line for decisions projects, as well as creating scripts to deploy decisions projects using the command line interface (CLI).

- Documentation for the TIBCO Business Studio ActiveMatrix Decisions Add-in is no longer installed with the software as it was in previous releases. It is now available on the TIBCO Product Documentation Web site (see: [TIBCO Business Studio ActiveMatrix Decisions Add-in docs](#)).

Hotfix Dependency

This release of the TIBCO Business Studio ActiveMatrix Decisions Add-in is dependent on TIBCO ActiveMatrix Platform 3.3.0 Hotfix05. The hotfix is included with the TIBCO Business Studio ActiveMatrix Decisions Add-in software, but must be installed separately.

This hotfix must be installed in both the development environment (TIBCO Business Studio) and the runtime (Administrator Server).

Also note that when installing the hotfix, ensure that you install all of the available features. The ActiveMatrix Platform 3.3.0 HF5 feature must be installed (even if you do not have ActiveMatrix Platform installed) on your system.

Release 1.1.1

The use of global data is now supported in decisions services created with the TIBCO Business Studio ActiveMatrix Decisions Add-in.

Release 1.1.0

This release of TIBCO Business Studio ActiveMatrix Decisions Add-in provides compatibility with:

- TIBCO Business Studio - BPM Edition Version 3.6.0
- TIBCO Business Studio installed with TIBCO ActiveMatrix Service Grid Version 3.3.0

Release 1.0.1

This release of TIBCO Business Studio ActiveMatrix Decisions Add-in provides compatibility with TIBCO Business Studio - BPM Edition Version 3.5.3.

Release 1.0.0

This is the first release of this product.

Deprecated Features

Release 1.1.1

This release of TIBCO Business Studio ActiveMatrix Decisions Add-in removes support for using the add-in with the version of TIBCO Business Studio installed with TIBCO ActiveMatrix Service Grid. The add-in can now only be used with TIBCO Business Studio - BPM Edition.

Release 1.1.0

- Compatibility with TIBCO ActiveMatrix Service Grid has been deprecated. Functionality with TIBCO ActiveMatrix Service Grid will be removed from TIBCO ActiveMatrix Decisions in a future release.
- Running TIBCO ActiveMatrix Decisions in a 32-bit JRE on a 64-platform has been deprecated. In a future release, 32-bit executables will no longer be provided.

Migration and Compatibility

Migration

If you want to create decision services using projects created in earlier versions of TIBCO Business Studio, you can migrate the projects to the version of TIBCO Business Studio that is compatible with this version of the TIBCO Business Studio ActiveMatrix Decisions Add-in, then use them with this add-in. See the *TIBCO Business Studio Modeling User's Guide* for more information.



You cannot migrate rules created in TIBCO iProcess Decisions Studio to TIBCO Business Studio ActiveMatrix Decisions Add-in.

Compatibility

For information about the software that is compatible with this version of TIBCO ActiveMatrix Decisions, see the readme that is provided with the product.

Closed Issues

This section lists issues that were closed for TIBCO Business Studio ActiveMatrix Decisions Add-in in this release.

Closed in Release	Change Request ID	Summary
1.2.0	SDA-417	The TIBCO Business Studio Import and Export dialogs have contributions that come from TIBCO Business Studio ActiveMatrix Decisions Add-in. These are non-functional, and have been removed from the dialogs.
1.2.0	SDA-392	Using a custom condition or custom action with the TIBCO Business Studio ActiveMatrix Decisions Add-in can cause TIBCO Business Studio to hang.
1.1.1	SDA-396	TIBCO Business Studio should not be able to be uninstalled if the TIBCO Business Studio ActiveMatrix Decisions Add-in is currently installed; they should be able to be uninstalled at the same time.
1.1.1	SDA-395	Enumerations cannot be used in decision table conditions or actions.
1.1.1	SDA-393	The default Decisions IT install application name is "com.tibco.adec.service.daa". Therefore, the Product Application Name specified in Windows > Preferences > Decisions needs to be changed to match. (The name specified in Preferences is used when deploying Decisions applications from TIBCO Business Studio using a deployment server.)
1.1.0	SDA-279	The Decisions feature can cause initial project open to be very slow, especially if there are a lot of files in it.
1.1.0	SDA-85	Error messages from the decision table editor need to be improved.

Known Issues

This section lists known issues in this release.

Defect #	Summary/Workaround
SDA-457	<p>Summary A null pointer exception can be reported when a decision table is edited to add a empty condition and action</p> <p>Workaround None.</p>
SDA-378	<p>Summary Intermittently, the Select Template dialog in the New Decision Services Project wizard does not display properly. The Decision Table icon in the decisions flow displays as a yellow triangular warning symbol, plus the "Start and End" and "None type Start and End" entries in the Basic Template tree do not appear.</p> <p>Workaround Click Finish to complete the decisions service creation. If the start and end trigger type (Message or None) are not what you intended, they can be changed on the Properties view General tab after the decisions service is created.</p>
SDA-377	<p>Summary Intermittently, the buttons on the Decisions Table Editor (Add, Remove, Custom, Fit Content, Merge Rows, Duplicate Rule, and Show Text) do not display.</p> <p>Workaround Hovering the mouse pointer over where the buttons are supposed to display causes them to appear.</p>
SDA-375	<p>Summary Disabling a rule in a decision table by right-clicking on the row and selecting Disable does not disable the rule. It initially greys out the rule in the table, but if you save the table and reopen it, the rule is enabled again (not grayed out). And if you disable a rule so that it is grayed out, and then deploy it, the runtime behavior is that the rule is not disabled.</p> <p>Workaround Disable each cell in the rule, which causes the rule to be disabled.</p>
SDA-364	<p>Summary If the BOM, Decision Flow, and Decision Table editors are all open, and you delete the project from the workspace, the BOM and Decision Flow editors close, but the Decision Table editor does not. This results in Null Pointer Exceptions if you try to access the editor.</p> <p>Workaround Close the editors before deleting the project.</p>
SDA-347	<p>Summary The Save selection on the File menu is intermittently not enabled after making changes to a decisions table.</p> <p>Workaround Use the Save All button on the File menu.</p>

Defect #	Summary/Workaround
SDA-316	<p>Summary If a decision table is named using a Java keyword (for example, "class" or "return"), the DAA generation fails.</p> <p>Workaround Avoid using a Java keyword in the name of a decision table.</p>
SDA-266	<p>Summary TIBCO Business Studio ActiveMatrix Decisions Add-in does not perform any validation to check that the system participant used by the message start event in a decision flow has the correct shared resource information set. The only supported shared resource information is WebService > Provider.</p> <p>Workaround Make sure the shared resource information for the system participant is WebService > Provider.</p>
SDA-264	<p>Summary A third-party WSDL cannot be used in a decision flow. The Import WSDL & Select button on the property sheet for message Start events has no significance in decision services.</p> <p>Workaround Do not use third-party WSDLs.</p>
SDA-258	<p>Summary The <i>TIBCO Business Studio ActiveMatrix Decisions Add-in User's Guide</i> not available as Eclipse Help; it is provided in PDF and HTML format in <i>TIBCO_HOME\studio\3.x\sda\doc</i>.</p> <p>Workaround Access the <i>TIBCO Business Studio ActiveMatrix Decisions Add-in User's Guide</i> from <i>TIBCO_HOME\studio\3.x\sda\doc</i>.</p>
SDA-250	<p>Summary A Null Pointer exception is displayed in the Error logs when an incompatible data type parameter value is provided in a decision table.</p> <p>Workaround None.</p>
SDA-230	<p>Summary The following properties have no significance in TIBCO Business Studio ActiveMatrix Decisions Add-in decision tables:</p> <ul style="list-style-type: none"> • Effective Date • Expiration Date <p>Workaround Do not use these properties.</p>

Defect #	Summary/Workaround
SDA-225	<p>Summary Using Deploy Module... -> Deploy DAA... to deploy a Decisions DAA fails on a deployment server configured with the amx.bpm.app product application.</p> <p>Workaround To deploy a decision service to a deployment server that also has the amx.bpm.app application configured, you must:</p> <ol style="list-style-type: none"> 1. Export your decision service to a decision service distributed application archive (DAA). 2. Drag and drop the decision service DAA to your deployment server. <p>See <i>TIBCO Business Studio ActiveMatrix Decisions Add-in User's Guide</i> for more information.</p>
SDA-216	<p>Summary A business object model that is no longer referenced by a decision service still displays problem marker(s), for example, for unsupported data types. TIBCO Business Studio does not remove the problem marker(s) automatically.</p> <p>Workaround You must manually remove them by, either:</p> <ul style="list-style-type: none"> • Making a change to your business object model, which causes TIBCO Business Studio to validate the project. • Clean the project.
SDA-209	<p>Summary TIBCO Business Studio ActiveMatrix Decisions Add-in does not perform any validation on data length in decision tables. If you assign a value to a decision parameter that is too long, for example, runtime errors will occur.</p> <p>Workaround To avoid runtime errors, make sure you know the data lengths required for decision flow parameters. See the <i>TIBCO Business Studio ActiveMatrix Decisions Add-in User's Guide</i> for more information.</p>
SDA-197	<p>Summary A null pointer exception is reported when deploying BPM Projects that invoke ActiveMatrix Decisions Projects. The error is harmless and has no side effects. No further action is required.</p> <p>Workaround None.</p>
SDA-140	<p>Summary In an exception table, if you have a cell selected in a row and then select another cell in another row where the value in the new cell is the same as the value in the original cell (for example, moving from a blank cell to another blank cell), the rule property tab is not refreshed.</p> <p>Workaround You should select a cell that has a different value from the one you want to select and then select the cell you actually want.</p>

Defect #	Summary/Workaround
SDA-137	<p>Summary In a decision table, if you have a cell selected in a row and then select another cell in another row where the value in the new cell is the same as the value in the original cell (for example, moving from a blank cell to another blank cell), the rule property tab is not refreshed.</p> <p>Workaround You should select a cell that has a different value from the one you want to select and then select the cell you actually want.</p>
SDA-135	<p>Summary If your decision table has too many columns to display in the window and you scroll to the right to view the other columns, the column headers are not updated.</p> <p>Workaround None.</p>