TIBCO ActiveMatrix® Decisions

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.

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New Features

This section lists new features in each release of TIBCO ActiveMatrix® Decisions.

Release 1.3.0

There are no new features in this release.

Release 1.2.0

There are no new features in this release.

Release 1.1.1

TIBCO ActiveMatrix Decisions now supports the use of Business Object Model (BOM) definitions defined in a Business Data Project.

Release 1.1.0

- TIBCO ActiveMatrix Decisions is now compatible with:
  - TIBCO ActiveMatrix BPM Version 2.2.0
  - TIBCO ActiveMatrix Service Grid Version 3.3.0
- Decisions services that are exposed as a web service can now be called using SOAP over JMS.

Release 1.0.1

There are no new features in this release.

Release 1.0.0

This is the initial release of TIBCO ActiveMatrix Decisions.

Deprecated Features

Release 1.1.1

This release of TIBCO ActiveMatrix Decisions removes support for use with TIBCO ActiveMatrix Service Grid.

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.

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.

Important - Upgrading Existing Decision Service Applications

Decision service applications that were built with previous versions of the TIBCO Business Studio ActiveMatrix Decisions Add-in *may* need to be rebuilt after you upgrade, depending on which version they were built with, as described below.

If your decision service applications were built with:

- pre-1.1.0 version of the TIBCO Business Studio ActiveMatrix Decisions Add-in, they *must* be rebuilt with the latest version of the add-in, using the latest version of TIBCO Business Studio (including the latest hotfixes). The running decisions applications must be undeployed, and the re-built applications deployed (this only applies to the decision service applications, not the BPM application that calls the decisions service).
- version 1.1.0 or newer of the TIBCO Business Studio ActiveMatrix Decisions Add-in, they do *not* need to be rebuilt.

BPM applications using the Decision Task Extension Activity to invoke Decision Services *do not* need to be rebuilt and redeployed when upgrading.

Closed Issues

The table in this section lists issues that were closed in the named releases.

Closed in Release	Change Request ID	Summary
1.1.1	DEC-154	Supported platforms need to match the platforms supported by ActiveMatrix BPM, which includes only 64-bit platforms; 32-bit is no longer supported.
1.1.1	DEC-152	The default JMS binding name for Decision Service IT does not match the default JMS binding name for ActiveMatrix BPM (amx.bpm.userapp.jmsConnFactory). The default JMS binding name for Decision Service IT has been changed so that they match.
1.1.1	DEC-151	For decision flows in the same project, if the start events are not uniquely named, the wrong decision flow can be started.
1.1.0	DEC-140	The standard function catalog needs to be updated to include new and changed functions.
1.1.0	DEC-132	Decisions tables that use the **newInstance** function may throw a java.lang.NullPointerException.
1.1.0	DEC-130	The **isPropertyNull** function does not always return true when the value is null.
1.1.0	DEC-119	The silent installer file has the “acceptLicense” value set to "false". It should be “true” by default.
1.1.0	DEC-117	A runtime failure occurs when a decision flow is invoked using a decision service activity.
1.0.1	DEC-85	The ActiveMatrix Decisions Runtime is incompatible with TIBCO Business Studio 3.5.3.
1.0.1	DEC-75	If a Boolean, Integer, Decimal, BigInteger or BigDecimal property in a class has no value, default values are used. Now if no values are supplied, the default values are not passed to the decision service.
1.0.1	DEC-74	When different `.dflow` files contain the same dflow service names, only the most recently deployed dflow can be accessed from an ActiveMatrix BPM application.

Closed in Release	Change Request ID	Summary
1.0.1	DEC-73	BOM Decimal attributes of subtype "Fixed Point" will cause the following error at runtime if the attribute's value is <= 0: `java.lang.Exception: businessObjectToConceptProperty: BigDecimal property exceeds range of a Double`
1.0.1	DEC-62	ActiveMatrix Decisions Service Tasks cannot be used from a business service or pageflow. This lifts a known issue listed in the previous release. (As announced in the Late Breaking News entry, 1-CPFKO4, this defect was fixed in version 1.0.0, but was not tested. It has now been tested and confirmed.)

Known Issues

The table in this section lists known issues in this release.

Key	Summary/Workaround
DEC-165	This known issue is the result of one underlying issue: that some applications are not automatically distributed when you provision new BPM nodes. However, the workaround depends on the applications you have deployed. Hence, there are two summaries and workarounds. **Summary** If you are provisioning new BPM nodes, and there are ActiveMatrix Decisions IT (ADEC IT) and Decision Flow Applications deployed, these will *not* be automatically distributed to the new BPM node. **Workaround** Use TIBCO ActiveMatrix Administrator to distribute the ADEC IT and Decision Flow applications to the new node. --- **Summary** If you are provisioning new BPM nodes, and there are ActiveMatrix Decisions Task Extension Activity (DTEA) and BPM Applications deployed that call ActiveMatrix Decisions using DTEA (that is, a Service Task with a service type of Decisions Service), the DTEA will *not* be automatically distributed to the new BPM node. **Workaround** Use TIBCO ActiveMatrix Administrator to distribute DTEA to the new node. The BPM Applications using ActiveMatrix Decisions via DTEA will need to be undeployed and then redeployed to the BPM nodes. To avoid undeploying BPM Applications that use ActiveMatrix Decisions, modify the BPM applications to call ActiveMatrix Decisions from a Service Task with a Service Type of Web Service (you will not need to install and deploy DTEA in this case).
DEC-68	**Summary** `Log.write` stops writing to the log after a decisions flow is invoked on a BPM node. **Workaround** None.
DEC-37	**Summary** When called from ActiveMatrix BPM, a Decision Service is protected by the security policy of the BPM application. However, if the Decision Service is designed to support invocation via SOAP over HTTP (message start and end events in the decision flow), the service does not have any authentication policy defined. **Workaround** None.