

webMethods Business Rules 10.7 Readme

October 2020

This file contains important information you must read before using webMethods Business Rules 10.7. You can find system requirements, user documentation, and installation and upgrade instructions on the [Documentation website](#) or the [TECHcommunity website](#). At those locations, you can also find suite-related security and globalization information.

Included in this file is information about functionality that has been added, removed, deprecated, or changed for this product. Deprecated functionality continues to work and is supported by Software AG, but may be removed in a future release. Software AG recommends against using deprecated functionality in new projects.

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1.0 Critical Information

This section lists any critical issues for the current release that were known when this readme was published. For critical information found later, go to the Knowledge Center on the [Empower website](#).

2.0 Known Issues

This section lists any issues for the current release that were known when this readme was published. For known issues found later, go to the Knowledge Center on the [Empower website](#).

3.0 Usage Notes

This section provides any additional information you need to work with the current release of this product.

Rules Engine

- If running in the Microservices Runtime, Business Rules cannot emit events as described in the webMethods Business Rules Reference help. If events need to be emitted, Business Rules must run on Integration Server.
- It is possible to design rules that evaluate in an infinite loop at runtime. webMethods Rules Engine has no validation logic to identify possible infinite loops at design time. With the help of the Run As... option, the rule designer can execute rules locally in webMethods Rules Engine to test and verify rule behavior. This local rule execution might expose loops at design time.

Rules Development

- It is possible to design rules that evaluate in an infinite loop at runtime. webMethods Rules Development has no validation logic to identify possible infinite loops at design time. With the help of the Run As... option, the rule designer can execute rules locally in webMethods Rules Development to test and verify rule behavior. This local rule execution might expose loops at design time.

Rules Management Console

- If you upgrade a rule project in Rules Management Console from a version prior to 9.10, you must assign access rights to users who are supposed to see the new navigation tree item Decision Trees.

4.0 Fixes Included in Each Release

This section lists the latest fix level that has been included in each release for each product component. A release is listed in this section only if changes occurred in that release. Go to the Knowledge Center on the [Empower website](#) for detailed information about fixes.

Rules Engine

Release 10.7

- WOK_9.12_RuleEngine_Fix11
- WOK_10.1_RuleEngine_Fix9
- WOK_10.3_RuleEngine_Fix11
- WOK_10.5_RuleEngine_Fix8

Release 10.4

- WOK_10.3_RuleEngine_Fix3

Release 10.3

- WOK_10.1_RuleEngine_Fix5

Release 10.2

- WOK_10.1_RuleEngine_Fix2

Release 10.0

- WOK_9.12_RuleEngine_Fix3

Release 9.12

- WOK_9.7_RuleEngine_Fix5
- WOK_9.10_RuleEngine_Fix1

Release 9.10

- WOK_9.7_RuleEngine_Fix3

Rules Management Console

Release 10.7

- WOK_10.5_RMC_Fix9
- WOK_10.3_RMC_Fix12
- WOK_10.1_RMC_Fix8
- WOK_9.12_RMC_Fix10

Release 10.5

- WOK_10.3_RMC_Fix5

Release 10.4

- WOK_10.3_RMC_Fix1

Release 10.3

- WOK_9.12_RMC_Fix7
- WOK_10.1_RMC_Fix5

Release 10.2

- WOK_10.1_RMC_Fix2

Release 10.1

- WOK_10.0_RMC_Fix1

Release 10.0

- WOK_9.12_RMC_Fix3

Release 9.12

- WOK_9.10_RMC_Fix1
- WOK_9.9_RMC_Fix1
- WOK_9.8_RMC_Fix4
- WOK_9.7_RMC_Fix5

Release 9.10

- WOK_9.8_RMC_Fix3
- WOK_9.7_RMC_Fix3

Rules Development

Release 10.7

- WOK_10.5_RuleDesigner_Fix3
- WOK_10.3_RuleDesigner_Fix8
- WOK_10.1_RuleDesigner_Fix7
- WOK_9.12_RuleDesigner_Fix8

Release 10.4

- WOK_10.3_RuleDesigner_Fix2

Release 10.3

- WOK_10.1_RuleDesigner_Fix5

Release 10.2

- WOK_10.1_RuleDesigner_Fix2

Release 10.0

- WOK_9.12_RuleDesigner_Fix2

Release 9.12

- WOK_9.10_RuleDesigner_Fix1
- WOK_9.7_RuleDesigner_Fix5

5.0 Other Resolved Issues

This section lists the issues that were resolved in each release but were not part of the fixes listed in the previous section. A release is listed in this section only if changes occurred in that release.

Rules Engine

Release 10.1

- WOK-11680
Create checkpoint fails for a webMethods Deployer deletion set.
Using webMethods Deployer, it is not possible to delete a rule project on Integration Server.
Deployer fails at CreateCheckpoint with a “composite that should be checkpointed [null] is of wrong type: null” error.
This issue has been resolved.

Rules Management Console

Release 10.2

- WOK-12220
Rules Management Console does not start if webMethods Task Engine is not installed.
If webMethods Task Engine is not installed on My webMethods Server, Rules Management Console fails to start with an “ERROR installing: wm_rma.war
java.lang.reflect.InvocationTargetException”.
This issue has been resolved.
- WOK-12222
The Business Rules Settings page does not work if webMethods Task Engine is not installed.
If webMethods Task Engine is not installed on My webMethods Server, navigating to the Business Rules Settings page on My webMethods Server results in a “javax.portlet.PortletException”.
This issue has been resolved.

Release 10.1

- WOK-11283
Inline editor changes constants, actions, and parameter elements to literal values.
When you select a constant, action, or parameter element of a result node or a condition node and confirm it with the enter key, the value is changed to a literal value and processed accordingly.
This issue has been resolved.
- WOK-11222
Rule project is hot deployed twice when clicking the Close button.
When you hot deploy a rule project and click the Close button of the Hot Deployment Results pop-up window, you may trigger a second hot deployment of this rule project.

This issue has been resolved.

Release 9.10

- WOK-8983
Rule project migration via Public API fails in AIX environment.
On AIX OS, invoking the Rules REST API service
PUT `http://%mws_host%:%port%/wm_rma/rest/raw/project/%ruleProjectName%`
with a rule project created in a version prior to 9.9 results in an HTTP error 400 and a
“RuleProjectTransformationException ... “.
This issue has been resolved.

Rules Development

Release 10.7

- WOK-14034
Entered values are displayed incorrectly in the Rules Development perspective of Software AG Designer.
In the Rules Development perspective of Software AG Designer on CentOS 7.6, Suse Linux Enterprise Server 12, or Red Hat Enterprise Linux 7: If you click into a decision table cell to directly enter a value, only the upper half of the value is displayed.
This issue has been resolved.

Release 10.2

- WOK-11712
After Integration Server migration to 10.1, the configuration for subscribing to rules-related events is missing.
When migrating the WmBusinessRules package on Integration Server from a previous release to 10.1, the “DRulesAuditingOnOff” and “DRulesAuditingEDAOnOff” configurations in the `SAG_DIR\profiles\IS_default\configuration\wrapper.conf` file are missing.
This issue has been resolved.

Release 10.1

- WOK-11285
ALWAYS is listed as an assignable constant in Software AG Designer.
When using the Condition Value Modification dialog in Software AG Designer, ALWAYS is listed as a selectable option in the Constants tab. If you select this option, it is not evaluated properly at runtime.
This issue has been resolved.

6.0 Documentation Changes

This section describes significant changes to the documentation, such as the addition, relocation, or removal of product guides, online help, chapters, or other major content. A release is listed in this section only if changes occurred in that release.

Rules Management Console

Release 10.7

- Chapter “Summary of REST Services” was renamed to “Summary of REST Services on My webMethods Server”.
- Chapter “Summary of REST Services on Integration Server” was added.

Release 10.5

- Chapter on CSV import was added.
- Information on SSL support when configuring an Integration Server connection was added.

Release 10.3

- GDPR information was added.

Release 10.1

- New user interface was documented.

Release 10.0

- Additional API REST services were documented in the webMethods Business Rules Reference help.

Release 9.12

- Information about editing decision trees and working with a data provider service was added.
- Additional API REST services were documented in the webMethods Business Rules Reference help.

Release 9.10

- Chapter “Working with Decision Trees” was added.

Rules Development

Release 10.7

- Configuring a remote Integration Server for process actions was documented.

Release 10.5

- Chapter on Docker support was added to the webMethods Business Rules Reference help.

Release 10.4

- Auditing information was removed from the guide and included in the webMethods Business Rules Reference help.

Release 10.3

- GDPR information was added.

Release 10.2

- Auditing was documented in the webMethods Business Rules Reference help.

Release 10.1

- Information about working with Predictive Analytics was added.

Release 9.12

- Information about working with a data provider service was added.

Release 9.10

- Chapter “Working with Decision Trees” was added.

7.0 Terminology Changes

A release is listed in this section only if changes occurred in that release.

8.0 Added, Removed, Deprecated, or Changed Items

This section lists functionality, controls, portlets, properties, or other items that have been added, removed, deprecated, or changed. A release is listed in this section only if changes occurred in that release.

9.0 Added, Removed, Deprecated, or Changed Built-In Services

A release is listed in this section only if changes occurred in that release.

10.0 Added, Removed, Deprecated, or Changed Parameters

A release is listed in this section only if changes occurred in that release.

11.0 Added, Removed, Deprecated, or Changed APIs

A release is listed in this section only if changes occurred in that release.

Release 10.7

Added API	Description
POST <base URL>/pub.businessrules.restApi.api:businessrules/projects/invoke	Executes a rule set or decision entity and returns the results of execution.

Release 10.0

Added API	Description
GET <base URL>/projects/%ruleProjectName%/decision_tables/%decisionTableName%	Returns the specified decision table.

Deprecated API	Replacement
GET <base URL>/project/%ruleProjectName%/decisiontable/%decisionTableName%	GET <base URL>/projects/%ruleProjectName%/decision_tables/%decisionTableName%

Release 9.12

Added API	Description
PUT <base URL>/projects/%ruleProjectName%/decision_trees/%decisionTreeName%	Updates the specified decision tree in the given rule project with the provided decision tree JSON.

Added API	Description
GET <base URL>/projects/%ruleProjectName%/decision_trees/%decisionTreeName%/condition_nodes/%conditionNodeId%	Retrieves a condition node with the specified conditionNodeId in the given decision tree and rule project.
PUT <base URL>/projects/%ruleProjectName%/decision_trees/%decisionTreeName%/condition_nodes/%conditionNodeId%	Updates a condition node with the specified ConditionNode JSON for the conditionNodeId in the given decision tree and rule project.
GET <base URL>/projects/%ruleProjectName%/decision_trees/%decisionTreeName%/lines/%lineId%	Retrieves a condition line with the specified lineId in the given decision tree and rule project.
PUT <base URL>/projects/%ruleProjectName%/decision_trees/%decisionTreeName%/lines/%lineId%	Updates a condition line with the specified Line JSON for the lineId in the given decision tree and rule project.
GET <base URL>/projects/%ruleProjectName%/decision_trees/%decisionTreeName%/result_nodes/%resultNodeId%	Retrieves a result node with the specified resultNodeId in the given decision tree and rule project.
PUT <base URL>/projects/%ruleProjectName%/decision_trees/%decisionTreeName%/result_nodes/%resultNodeId%	Updates a result node with the specified ResultNode JSON for the resultNodeId in the given decision tree and rule project.
GET <base URL>/projects/%ruleProjectName%/decision_trees/%decisionTreeName%/results/%resultId%	Retrieves a result with the specified resultId in the given decision tree and rule project.
PUT <base URL>/projects/%ruleProjectName%/decision_trees/%decisionTreeName%/results/%resultId%	Updates a result with the specified Result JSON for the resultId in the given decision tree and rule project.
PUT <base URL>/projects/%ruleProjectName%/decision_trees/%decisionTreeName%/lock	Locks a decision tree so that it can be modified exclusively by the user applying the lock.
PUT <base URL>/projects/%ruleProjectName%/decision_trees/%decisionTreeName%/unlock	Unlocks a decision tree so that it can be locked by another user for exclusive modification.

Release 9.10

Added API	Description
GET <base URL>/projects/%ruleProjectName%/decision_trees/%decisionTreeName%	Returns the specified decision tree.
PUT <base URL>/project/%ruleProjectName%/unlockall	Unlock all entities of a rule project and the project itself.

12.0 Copyright Information

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13.0 Support

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Visit the [TECHcommunity website](#) to access additional articles, demos, and tutorials, technical information, samples, useful resources, online discussion forums, and more.

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