



Red Hat Application Migration Toolkit 4.2

Red Hat Application Migration Toolkit 4.2.0 Release Notes

New features and changes in this release.

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Abstract

These release notes describe the new features and changes implemented for the Red Hat Application Migration Toolkit (RHAMT) 4.2.0 release.

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CHAPTER 1. NEW FEATURES

1.1. ORACLEJDK TO OPENJDK MIGRATION PATH

RHAMT now supports the OracleJDK to OpenJDK migration path when performing your migrations. This is accomplished by specifying `oraclejdk` as the source technology and `openjdk` as the target technology, resulting in a report that highlights issues when performing this migration.

1.2. DEPENDENCIES GRAPH REPORT

This release introduces a new report that displays the embedded WARs and JARs used within the analyzed applications. Each dependency is linked with the applications that require it, allowing you to quickly identify common dependencies across your application portfolio. When a single application's dependencies are listed, then this report also includes all third-party JARs.

Additional information on this report is found at [Application Dependencies Graph Report](#) and [Dependencies Graph Report](#) in the *CLI Guide*.

1.3. INFORMATION RULES CATEGORY

An additional rules category has been included for informational tasks, and several existing rules have been refactored to use this category. This category is designed to inform you of the existence of certain files that may need to be examined or modified as part of the modernization effort, but changes are typically not required.

1.4. TATTLETALE REPORTS ENABLED BY DEFAULT

The Tattletale reports are now automatically generated when `eap` is in the list of included targets. These reports greatly reduce the time needed to resolve classloading issues by providing details about the classes and dependencies of the specified application.

1.5. VALIDATION REPORT

The validation report allows independent rule developers to confirm any custom test rules function as expected. It produces a report that provides details on each test rule, reporting any failures and where they occur.

Additional information on using this report is available at [Test the Rules Using JUnit](#) and [Validation Report](#) in the *Rules Development Guide*.

1.6. TECHNOLOGY SUMMARY REPORT NOW INCLUDES POTENTIAL AND CLOUD-MANDATORY TASKS

The technology summary report now includes the potential and cloud-mandatory story points in its summary, instead of only displaying the mandatory story points. This change should better allow developers to plan their migration and modernization efforts.

CHAPTER 2. KNOWN ISSUES

At the time of the release the following known issues have been identified as important issues worth highlighting. For a full list of all known issues and issues that have been identified since the release, see [this JIRA filter](#).

Table 2.1. Known Issues

ID	Component	Summary
WINDUP-725	All	JavaTypeReference line number information is incorrect when a method or class field has annotations
WINDUP-1155	All	Windup returning wrong column/length for a rule
WINDUP-1164	Eclipse Plugin	"input" tab in windup run config shows up blank at first
WINDUP-1247	Web Console	ApplicationGroupEngine getApplicationGroups endpoint returns inconsistent data
WINDUP-1275	Web Console	Execution list never disappears when execution gets stuck in started state
WINDUP-1304	Web Console	Update packages when application file is updated
WINDUP-1316	Web Console	Project list - description overlaps with project name and last modification
WINDUP-1323	Web Console	Registered application is not shown on Registered Applications tab
WINDUP-1324	Web Console	Windup xml rule definition interfering for more than one where named parameters
WINDUP-1353	Eclipse Plugin	Rework server UI control
WINDUP-1460	Web Console	Openshift: configure https listener
WINDUP-1465	Web Console	Clear startup completed message
WINDUP-1602	Eclipse Plugin	Improve Ruleset Editor tooltip size computation
WINDUP-1606	Eclipse Plugin	Ruleset Editor hierarchy tree needs filtering and grouping
WINDUP-1636	Eclipse Plugin	Support multiple custom ruleset paths (files or directories)
WINDUP-1637	Eclipse Plugin	Add ignore paths area to the run configuration for specifying files to ignore during analysis

ID	Component	Summary
WINDUP-1783	Eclipse Plugin	Offline usage - Ruleset Editor documentation tab unable to connect to internet
WINDUP-1788	Eclipse Plugin	RHAMT getting started doesn't display after install and restart
WINDUP-1801	Eclipse Plugin	Issue Explorer missing labels on some system rulesets
WINDUP-1802	Eclipse Plugin	Issue Explorer tree collapses once opening/showing the ruleset view
WINDUP-1806	Eclipse Plugin	Refresh issues after resource has been deleted from workspace externally
WINDUP-1819	Eclipse Plugin	Ruleset Editor - tooltips don't become visible when hovering on certain labels that should
WINDUP-1972	Web Console	Issue in application view: Embedded framework / library doesn't show file
WINDUP-2010	Eclipse Plugin	Issue Explorer not populating results after analysis
WINDUP-2025	Web Console	Wrong time is displayed on analysis result page when there's an offset between server and client time
WINDUP-2088	Web Console	Improved handling if the analysis list is really long
WINDUP-2089	OpenShift	max-post-size as parameter in OCP deployment
WINDUP-2122	Eclipse Plugin	Better support for cleanly updating from one version of the plugin to another
WINDUP-2147	OpenShift	liveness probe for executor pod is tied to web console
WINDUP-2162	OpenShift	Cannot access reports when RHAMT installed on OCP
WINDUP-2246	Web Console	advanced options not usable on IE9
WINDUP-2247	Web Console	Rules configuration page on IE9

CHAPTER 3. RESOLVED ISSUES

At the time of the release the following resolved issues have been identified as important issues worth highlighting. For a full list of all issues resolved in this release, see [this JIRA filter](#).

Table 3.1. Resolved Issues

ID	Summary
WINDUP-1987	use the project.name instead of "java"
WINDUP-1997	Technologies Report Bubblemap - Presentation Issues
WINDUP-2019	Count of found techs is sometimes off by one
WINDUP-2020	Add number of potential issues and cloud-mandatory SPs to the bubble tech report
WINDUP-2023	CSV export doesn't have app name as file name
WINDUP-2024	package selection is not displayed from the previous analysis config
WINDUP-2056	Technology Report Bubble Chart - Size information is wrong for source input
WINDUP-2113	Upgrade wildfly-maven-plugin to 1.2.2.Final
WINDUP-2221	Openshift templates always using 'latest' tag
WINDUPRULE-360	Enhance rule with session externalization