



Migration Toolkit for Applications 5.2

Release Notes

New features, known issues, and resolved issues

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Abstract

This document describes new features, known issues, and resolved issues for the Migration Toolkit for Applications, version 5.2.1.

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MAKING OPEN SOURCE MORE INCLUSIVE

Red Hat is committed to replacing problematic language in our code, documentation, and web properties. We are beginning with these four terms: master, slave, blacklist, and whitelist. Because of the enormity of this endeavor, these changes will be implemented gradually over several upcoming releases. For more details, see [our CTO Chris Wright's message](#).

CHAPTER 1. NEW FEATURES

This section describes the new features of the Migration Toolkit for Applications (MTA) 5.2.1.



IMPORTANT

Rules for migrating from Java EE8 to Jakarta EE9 and OpenRewrite support are both provided as Technology Preview only. Technology Preview features are not supported with Red Hat production service level agreements (SLAs), might not be functionally complete, and Red Hat does not recommend to use them for production. These features provide early access to upcoming product features, enabling customers to test functionality and provide feedback during the development process.

See [Technology Preview features support scope](#) on the Red Hat Customer Portal for information about the support scope for Technology Preview features.

Rules for migrating from Java EE8 to Jakarta EE9

MTA rules replace Java EE8 artifact dependencies and package import statements and rename XML schema namespaces, prefixed properties, and bootstrapping files for Jakarta EE9. You run these rules by specifying the **jakarta-ee** target.

OpenRewrite recipe support

[OpenRewrite](#) automates large-scale, distributed source code refactoring. You can run OpenRewrite recipes by using the [MTA CLI](#).

The recipe **org.jboss.windup.JavaxToJakarta** renames imported **javax** packages to their **jakarta** equivalents.

MTA extension for Visual Studio Code compatible with Codespaces

The MTA extension for Microsoft Visual Studio Code is now compatible with Microsoft Visual Studio Codespaces.

Rules for the Springboot-to-Quarkus migration path

Rulesets identify Quarkus-supported technologies by detecting a POM dependency, embedded JAR file, or a partial file path within an Apache Maven Shade uber JAR.

The rules identify the following technologies:

- Apicurio Studio
- Flyway
- Liquibase
- Liquibase for MongoDB
- OpenTelemetry
- Picocli

CHAPTER 2. KNOWN ISSUES

At the time of release, the following known issues have been identified as major issues worth highlighting.

For a complete list of all known issues, see the list of [5.2.1 known issues](#) in Jira.

Table 2.1. Major known issues

ID	Component	Summary
WINDUP-3138	CodeReady Workspace plugin	The plugin works with CodeReady Workspace 2.09, but not version 2.10.
WINDUP-3165	Web console on OpenShift Container Platform	Analysis fails when MTA custom labels are uploaded and advanced options are enabled.
WINDUP-3160	Web console on OpenShift Container Platform	If you run an analysis on multiple applications and subsequently delete an application and rerun the analysis, the analysis hangs.
WINDUP-3005	Web console	The Save and Save and run buttons are not displayed on the Custom rules and Custom labels tabs on the Analysis configuration page.
WINDUP-3159	Web console	If you delete an application from a project after running an analysis, the number of applications is not updated when you rerun the analysis.

CHAPTER 3. RESOLVED ISSUES

At the time of the release, the following resolved issues have been identified as major issues worth highlighting:

Table 3.1. Major resolved issues

ID	Component	Summary
WINDUP-3201	Red Hat CodeReady Studio extension	The plugin cannot be used in Red Hat CodeReady Studio 12.21.0.GA.
WINDUP-3125	IntelliJ IDEA plugin and Visual Studio Code extension	The Apply QuickFix menu option is not disabled after a QuickFix is applied.
WINDUP-3134	IntelliJ IDEA plugin	After you run an analysis, the Mark as Complete menu option is not displayed.
WINDUP-3136	Visual Studio Code extension	If you run an analysis with an incorrect <code>JAVA_HOME</code> environmental variable, the analysis continues to run after you correct the variable and the Run option is disabled.