

# **IBM Rational Rhapsody Developer RulesComposer Add On**

## **Xmi For Rhapsody - Importing rules**



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## Overview

In this tutorial, you will learn to customize Xmi toolkit ruleset for Rational Rhapsody.

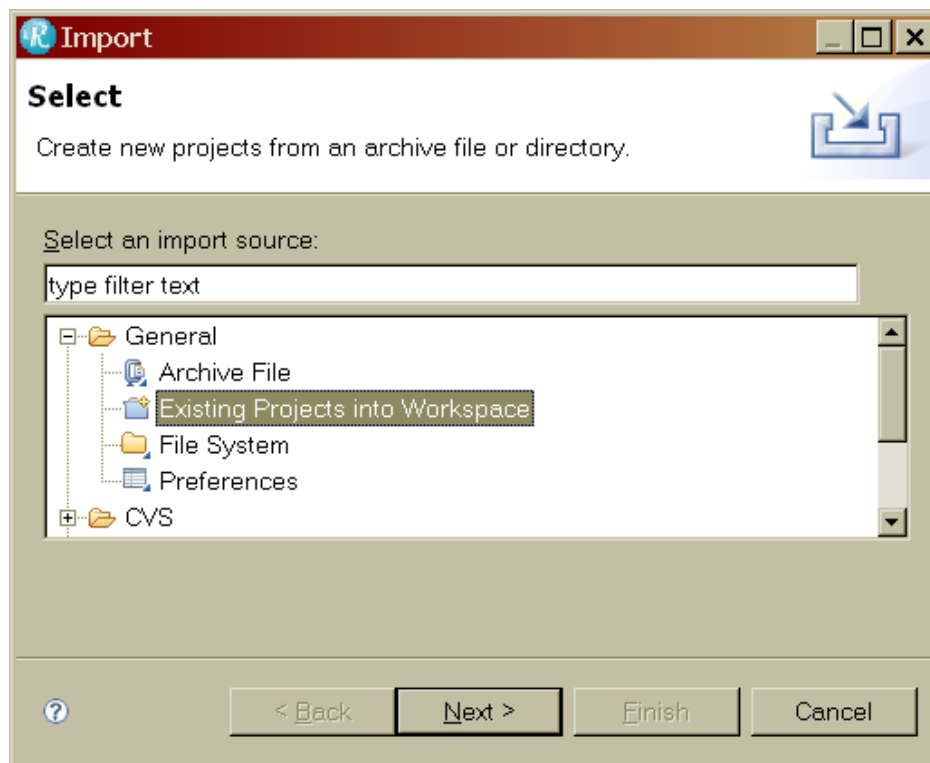
This tutorial shows:

- How to import ruleset sources in RulesComposer workspace.
- How to test and debug your customized rules.
- How to deploy new ruleset under Rational Rhapsody.

## Importing Rules

You can use the **Import** Wizard to import the Rational Rhapsody to UML Rules Set into your RulesComposer workspace.

1. From the main menu bar, select **File > Import**  
Then the **Import** wizard opens.
2. Select **General > Existing Project into Workspace** and click **Next**.

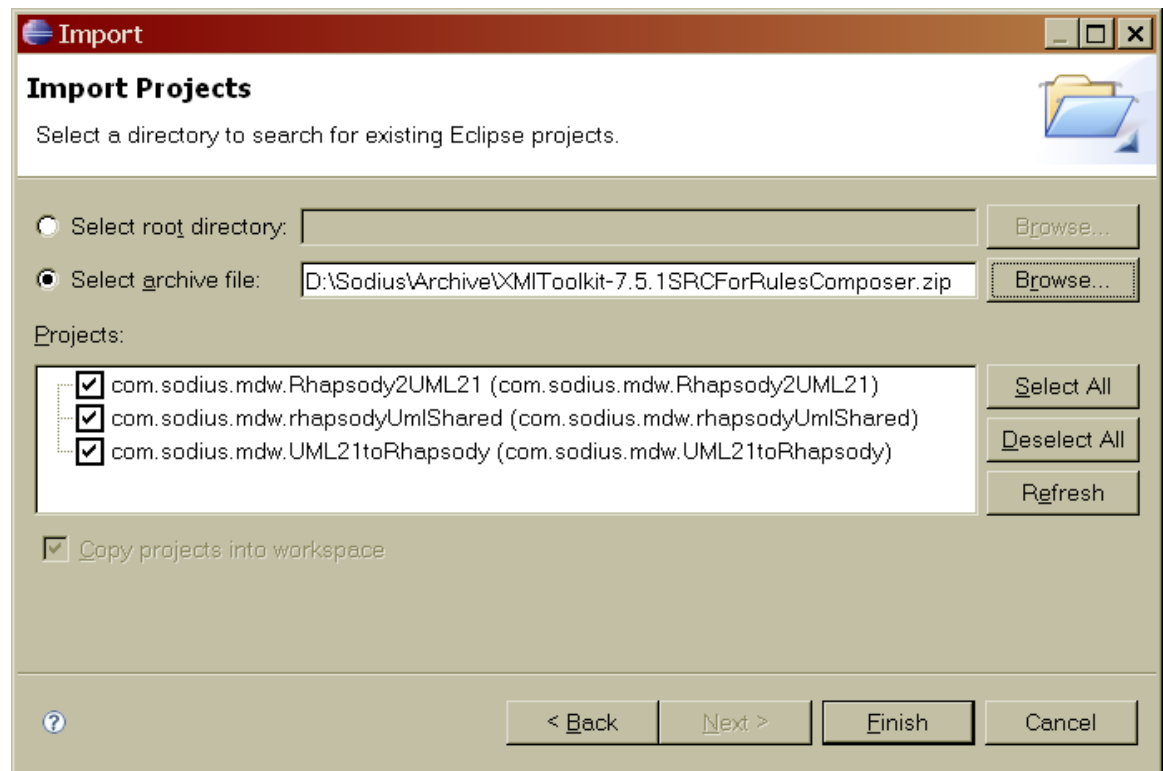


3. Choose **Select archive file** and click on the associated **Browse** button to locate the zip file:

XMIToolkit-7.5.1SRCForRulesComposer.zip

Available under folder:

Rhapsody\_INSTALL\_PATH\Sodius\XMI\_Toolkit\src



4. Under Projects select all projects.
5. Click **Finish** to start the import.

## Editing Rules

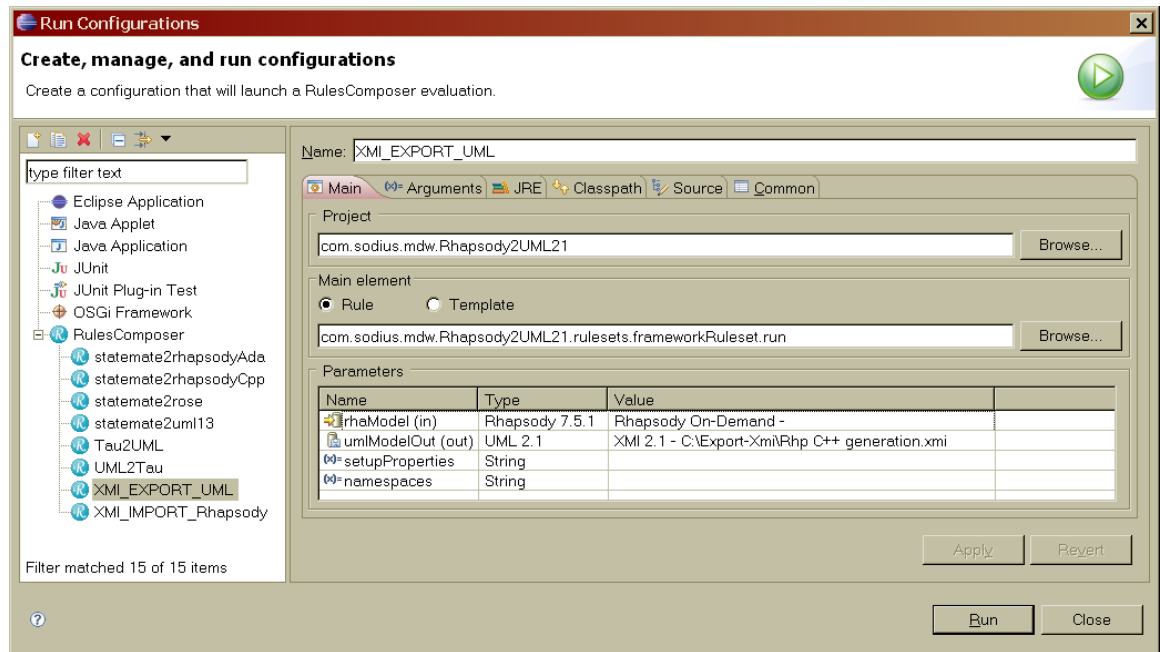
Help is available in the RulesComposer Help:

Select **Help > Help Contents** and book **MDWorkbench Documentation**,  
Then **Tasks > Developing Rules > Editing rules**.

## Testing Rules

To run the rules to you have to use a Rule Set launch configuration:

1. From the main menu bar, select **Run > Run Configurations**  
Then the **Run Configurations** wizard opens.



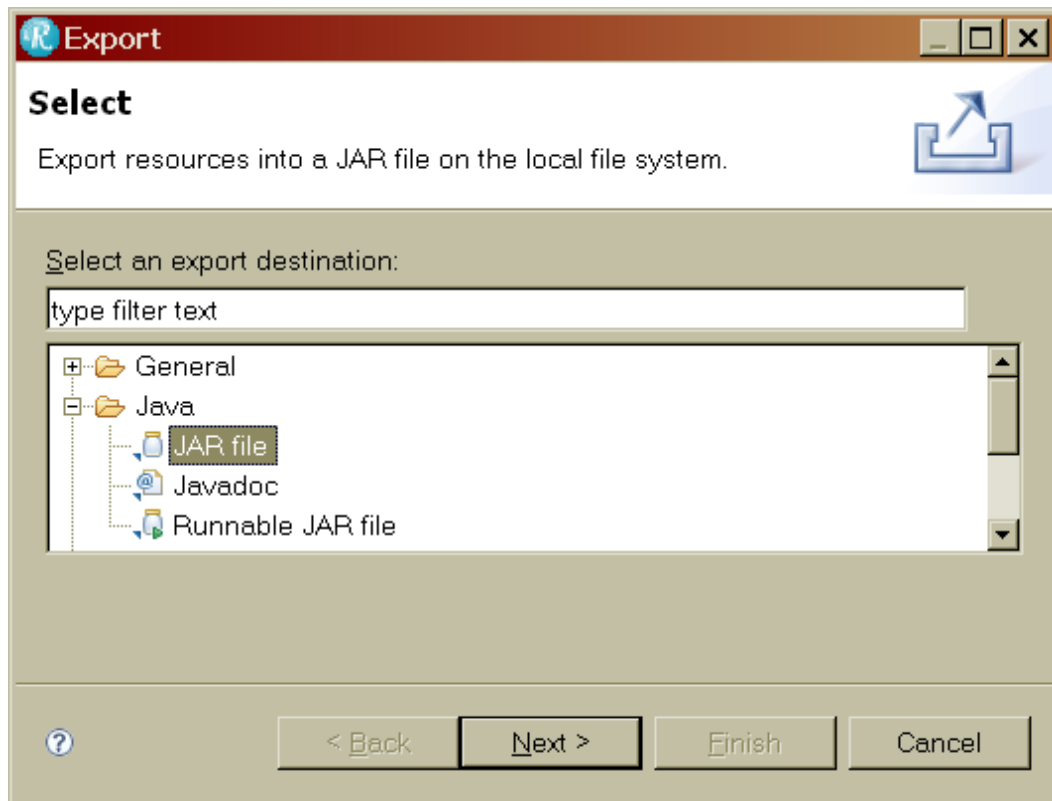
2. In the RulesComposer browser two **launch configurations** imported with project appear: **XMI\_EXPORT\_UML** and **XMI\_IMPORT\_Rhapsody**.
3. Choose the **Tau2UML** launch configuration:  
In **Parameters** you can specify the input Rational Rhapsody model, for example:  
Rhapsody On-Demand  
And the output UML one, for example:  
C:\Export-Xmi\Rhp C++ generation.xmi
4. You can customize parameters **setupProperties** or **namespaces**.
5. Click **Run** to execute the main rule.

For more details, select **Help > Help Contents**, and in book **MDWorkbench Documentation**, select **Tasks > Developing Rules > Running and debugging**.

## Deploying Rules

To integrate your new rules to the Rational Rhapsody XMI Toolkit you have to deploy them. For that you can use the **Export** wizard from RulesComposer.

1. In the projects browser, select each modified Rule Set project and deploy it as follow.
2. From the main menu bar, select **File > Export**  
Then the **Export** wizard opens.
3. Select **Java > JAR File** and click **Next**.



4. In box **Select the resources to export** choose only `src` package,  
Check **Export generated class files and resources**,  
Then save the jar file under folder:

Rhapsody\_INSTALL\_PATH\Sodius\XMI\_Toolkit\lib\mdworkbench

with filename respectively for each modified project:

com.sodius.mdw.Rhapsody2UML21\_7.5.1.I2009mmdd.jar

com.sodius.mdw.rhapsodyUmlShared\_7.5.1.I2009mmdd.jar

com.sodius.mdw.UML21toRhapsody\_7.5.1.I2009mmdd.jar

(caution: replace the old jar with same name) and click **Finish**.

