

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

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## **Changes Document**



# Changes

Version	Defect / Enhancement	Change
<b>7.6.6</b>	164365	Rhapsody in Linux – still RhpVersion 7.5.3.1 in .ini file
	164163	Use RHAPVER property to get the current Rhapsody version
	164134	Use SODIUS_JAVA_DIR property to acquire location of JRE
	162905	Rhapsody Application Connector is not writing into Rhapsody Tags owned by Links
	156494	Unnamed elements should be named according to Rhapsody's naming scheme
	154168	RulesPlayer supports property "CG::File::InvokePostProcessor"
	132935	Adding a limited RulesComposer for Rhapsody Architect
<b>8.0.1</b>	161920	Older sodius plugins are installed in Rhapsody installation
	161690	Rules composer add-on doesn't work on Windows 7- 64bit
	160982	Value of key RhpVersion is 8.0 for release 8.0
	159601	Property file <config>_fileset.properties is empty at creation.
	159575, 15957	RulesComposer documentation needs to be updated
<b>7.6.5</b>		Value of key RhpVersion is Libra for release 7.6
<b>7.5.29</b>	156110	Win7-64 bit:RhapsodyInAda.Reverse Engineering stopped by exception...
<b>7.5.28</b>	140975	Localization:Can't to open rules composer from Tools menu
	155392	RulesComposer "Rhapsody Application (no graphics)" connector is not setting "ofMetaClass" feature
<b>7.5.27</b>	155369	Linux:Unexpected RulesPlaerPlugin message during Rhapsody start
<b>7.5.26</b>	155246	Rhapsody connectors should manage ContextSpecification

<b>7.5.25</b>	152834	Change Metamodel Rhapsody ID & RulesPlayer plug-in version from 7.6 to 7.5.3
<b>7.6.3</b>	148197	Old model Rhapsody (7.5.2) loaded in RulesComposer
		Improve documentation; add a tutorial about RCP deployment.
		Split RulesPlayer installation from RiA Linux installer archive
	143261	RulesComposer icons missing in “about” dialog box at startup.
<b>7.6.2</b>	149276	RicWriter failed in Customized generation mode
<b>7.6.1</b>	148965	Adaptation for IBM Rational Rhapsody 7.6
	149010	RC can't call scripts functions on "sub-metatypes" which are "stereotype" specialization of a main metatype
<b>7.5.21</b>	142531	Prefer under Linux for all log files to use folder ~/ .mw found with system property "user.home" instead of "java.io.tmpdir"
<b>7.5.20</b>	141962	Change dates in RulesComposer “About” box
	141842	Under Linux write log file in ~/ .mw or /tmp folders
<b>7.5.19</b>	132914	Improve Code Respect tool invocation and error handling
<b>7.5.18</b>	140727	Problems with Sodus 7.5.2 documentation plugins
<b>7.5.17</b>	132914	Add property Ada_CG:Component::RespectCodeLayout for code respect.
<b>7.5.16</b>		Adaptation of MSI installer for Windows 7
<b>7.5.15</b>	135304	Missing file com.sodus.mdw.metamodel.relational_*.jar
	132914	Adaptation of RulesPlayer to accept external post-Processing.
	132925	Allowing the update of Rational Rhapsody models previously read with “On-Demand” connector
	132928	Add Simulink, Excel, Autosar connectors
	46510	RulesPlayer no longer calls “getActiveRhapsodyApplication” if this is loaded as a plug-in.
	132924	Ability to write to “On-Demand” model in emf

<b>7.5.14</b> <b>I20100111</b>	47750	BW: Telelogic license file (LA_en.rtf) exists under RulesComposer installation - should be removed.
	129467	RulesComposer do not propose to each user to develop into a custom workspace
	132923	“On-Demand” reader: can read any property without having to specify it in the file “properties.ini”, use new method: <code>ModelElement.getProperty</code> .  “Application” reader : new method “getProperty” is reachable for compliancy but use default behaviour of method “getProperties”.
<b>7.5.14</b> <b>I20091116</b>	126997	Import Metamodel for RulesComposer from XML Schema file (XSD)
		Fixed regressions in v7.5.13 : missing plug-ins
<b>7.5.13</b>		Bugs fixed in Xmi toolkit for Statemate
<b>7.5.12</b>	124922	Rational Rhapsody hangs during import of XMI file obtained from Statemate via Rules Composer
	124909	XMI Toolkit for Statemate does NOT generate UML
<b>7.5.11</b>		Documentation synchronization
<b>7.5.10</b>		Support ruleset development for Rational Rhapsody, Statemate and Tau Xmi import/export.  Integrate Xmi toolkit installers for Statemate and Tau.
<b>7.5.9</b>	123976	Remove property <code>lang_CG.Configuration.CodeGeneratorTool</code> in files <code>lang_RulesComposer.prp</code> for java and C++ languages.
<b>7.5.8</b>		Support value “False” in Rational Rhapsody project for property <b>CG.File.Generate</b>
		Allow to use the Rational Rose MDL as UML 1.3 reader without license check.
		Support value “DefinedByGenerator” for property <code>lang_CG.Configuration.ExternalGeneratorFileMappingRules</code> for Ada and C++ languages in Rational Rhapsody project.
	222934	BW: License file (LA_en.rtf) exists under RulesComposer installation - should be removed.

<b>7.5.7</b>		Updated Rational Rhapsody meta-model and connectors (see release note for more details).
	222619	Rules Composer Title: the same string appear twice.
<b>7.5.6</b>	222623	"IBM Rational Rhapsody Developer Rules Composer Add On" in Tools menu should be changed back.
	222940	BW:The call of Developer Rules composer and Ada Rules composer should be identically...
		Updated Rational Rhapsody meta-model and connectors (see release note for more details).
		Merged changes from 7.4.7.
<b>7.5.5</b>		Updated Rational Rhapsody meta-model and connectors (see release note for more details).
	222422	Sodius: Removal of Splash screen and About box for OEM add ons (Ada, RulesComposer)).
	221973	Cannot run Custom CG. RulesComposer RhpVersion=7.4.0.1 is wrong.
<b>7.4.7</b>	221784	RulesComposer splash screen should be changed from v7.4 to 7.4.0.1
<b>7.4.0.1.5</b>		Updated Rational Rhapsody meta-model and connectors (see release note for more details).
		Merged changes from 7.4.1.4.
<b>7.5.0.4</b>		Updated Rational Rhapsody meta-model and connectors (see release note for more details).
	217129	Need to support XML on eclipse platform integration.
<b>7.4.1.4</b>	220999	Crash when trying to create a unidirectional relation from a node.
	220789	Regression: predefined types containing specific characters are not referenced.
<b>7.4.1.3</b>	219939	Properties from Profile are not seen in Customizable CG.
<b>7.4.1.2</b>	220663	Managing models with 2bytes code character (Japanese).

		Added release notes for meta-model and connectors changes in Rational Rhapsody <i>release</i> meta-model directory (com.sodius.mdw.metamodel.rhapsody_<pluginVersion>/release under <i>eclipse/plugins</i> directory of Rational Rhapsody RulesComposer installation directory).
		Updated Rational Rhapsody meta-model and connectors.
		Added Archived Update Site in Rational Rhapsody RulesComposer installation directory.
<b>7.5.0.3</b>		Merged changes from 7.4.1.1.
<b>7.5.0.2</b>	219116	RulesComposer installation contains wrong version number and creates wrong RhpVersion value in .ini file
<b>7.4.1.1</b>	219169	All plugins are not working: wrong RhpVersion=7.4 instead of 7.4.1 in rhapsody.ini
		Updated Rational Rhapsody meta-model and connectors.
<b>7.4.6</b>		Updated MDWorkbench platform (now includes a rules debugger).
<b>7.4.5</b>		Added Eclipse Graphical Editing Framework (GEF).
		Improved MagicDraw compatibility.
<b>7.4 build 04</b>	217687	Fixed NullPointerException when reading some EA xmi.
<b>7.4 build 03</b>		Fixed Ecore serialization of Datatype representation in UML 2.1 writer.
		Minor changes in the meta-model and connectors.
<b>7.4 build 02</b>		Updated MDWorkbench platform.
	217530	siteC++.prp and siteJava.prp have been restored at installation time.
		Updated MDWorkbench platform to 3.0.0 (saxon-aelfred.jar has been removed).
<b>7.4</b>		Updated license, icons, splash screen for Rational Rhapsody 7.4.

<b>build 01</b>	216538	Fixed Rational Rhapsody connector to accept packages with spaces in their names.
		Added full support of wildcards in Properties.ini.
	216173	Property <i>SODIUS_PLUGIN_VERSION</i> is now defined in the RulesComposer MergeModule.
<b>7.3 build 07</b>	215890	Fixed UML 2.1 reader to support specific patterns of stereotype application.
<b>7.3 build 06</b>		Minor changes in the meta-model and connectors.
	214630	Updated Eclipse platform to 3.3.2 (needed to support Windows Vista Operating System).
<b>7.3 build 05</b>		Minor changes in the meta-model and connectors.
		Minor changes in the meta-model and connectors.
<b>7.3 build 04</b>		Minor changes in the meta-model and connectors.
<b>7.3 build 03</b>		Updated Eclipse Platform used by the RulesComposer.
<b>7.3 build 02</b>		Now the license is checked from the Rational Rhapsody application using the Java API (no more DLLs).
		Minor changes in the meta-model.
		Now using InstallShield instead of NSIS installer.
		Minor correction to safely ignore new unmanaged meta-types.
<b>7.2 build 07</b>		Integration of new Rational Rhapsody API (running with JRE 1.5 or higher).
<b>7.2 build 06</b>	105663	Enabled use of the Eclipse update manager.
<b>7.2 build 05</b>		Updated Tutorial.
<b>7.1 build 15</b>	104208 104035	Updated licensing.
	101625	Added default workspace to RulesComposer

	103228	Update of license agreement.
<b>7.1 build 14</b>		Update of installer to set estimated size in Add/Remove Programs window.
<b>7.1 build 13</b>		Update of tutorial
		Update of Rational Rhapsody api
<b>7.1 build 12</b>	102123	Change to allow dynamic text inside string literals in rules
<b>7.1 build 11</b>		Fixed bug which locked files after generation
		Update of licensing library.
<b>7.1 build 10</b>		Update of licensing library.
<b>7.1 build 09</b>		Fix of guards on text templates. When false, they return "" and not null.
<b>7.1 build 08</b>		Added Rational Rhapsody model readers in the RulesComposer so that the user can specify the properties file to use.
<b>7.1 build 07</b>		Naming change.
<b>7.1 build 06</b>		Fix in handling of enumerations.
		Fix to extraPropertiesFile not being read for the first generation.
<b>7.1 build 05</b>		Fix to read the Properties.ini file from the RulesComposer directory.
<b>7.1 build 04</b>		Modification of installer to update plugin section of rhapsody.ini.
<b>7.1 build 03</b>		Removal of "Generation Finished" message.
		Added error checking for rules player properties.
		Addition of new rules editor
<b>7.1 build 02</b>		Aries release.
<b>7.1 build 01</b>		Documentation update.
<b>7.0 build 27</b>	95680 94087	Fixed dependency from RulesPlayer to RulesComposer.



<b>7.0 build 26</b>	95748	OMRoot is not longer used to determine installation directory.
	95788	Updated property name in error message.
		Update of Java API.
	96296 95790	Update of documentation.
		Fixed error reading send actions in Rules Composer.
<b>7.0 build 25</b>		Improvement of error handling.
<b>7.0 build 24</b>		Support for SysMLPorts.
<b>7.0 build 23</b>		Update of Rule compiler.
<b>7.0 build 22</b>		Update rulescomposer.prp to remove some CG properties.
<b>7.0 build 21</b>		Changed the metamodel so that File->Elements is a collection of ModelElements and no longer Classifiers.
	94140	Prefix CG ERROR added to licensing message.
<b>7.0 build 20</b>	94110	RulesComposer name changed to "Rational Rhapsody Rules Composer"
	94087	Installer updated so that 2 components are available : RulesPlayer and RulesComposer
	94047	RulesComposer installer updated so that uninstallation uninstalls the rulescomposer regardless if Rational Rhapsody in Ada is installed or not.
	94046	Added option to mdw.ini called "printStatus"
	91329	Fixed ModelElement -> AllTags to read all the tags for a model element.
		Support for Application->selectedElements
		Support for new elements in the Rational Rhapsody 7.0 metamodel: application->projects, SendAction, etc...
	81711	Fixed bug using Class or Package as a parameter type.
	94147	Update to use Java plugin api.
<b>7.0 build 19</b>		Update of plugin dll for new rhapsody.tlb file.
<b>7.0 build 17</b>		Fix for Rational Rhapsody not quitting.

<b>7.0 build 16</b>		Update of ConnectorKind to include “stub”.
<b>7.0 build 15</b>		Update of StateType enumeration to remove underscores.
<b>7.0 build 14</b>		The err.log and generation.log files are now properly closed between generations.
<b>7.0 build 13</b>		Modified generator so only files which have changed will be overwritten.
		Recompilation of licensing dll.
<b>7.0 build 11</b>		Fix for installer to work with Rational Rhapsody in Ada
		Update of Rational Rhapsody Metamodel
		Optimized model reading at runtime to only read the elements needed for generation.
<b>7.0 build 10</b>		Use of Rational Rhapsody Java API
		Update for RuleCompiler and RulePlayer to include Properties.ini and ReaderSettings.ini in the compiled rule jar file.
<b>6.2 build 01</b>		Enabled use of CG.Configuration.GeneratorRulesSet to set the rules jar for code generation. When this value is changed, Rational Rhapsody must be restarted.
		Update of Java-COM bridge.
		Fix to allow Begin and End tags to be in File Templates.
<b>6.1 build 10</b>		Change of Classifier metatype so that the “ports” relation is a collection of Ports and not Instances.
<b>6.1 build 09</b>		Filter of unresolved objects when reading model.
<b>6.1 build 08</b>	87043	Filter of stub objects when reading model.
<b>6.1 build 07</b>	86732	Removal of error message if RPRulePlayer license not found.
<b>6.1 build 06</b>		Fix in rule compiler for scripts with parameters. <b>NOTE: Any existing ruleset will have to be recompiled.</b>
		Fix in engine for scripts with parameters.
		Update of tutorial.
	85454	Added check for license feature “RPRulePlayer” when executing RulePlayer.

<b>6.1 build 05</b>	86093	Fix on uninstaller to completely remove RulesComposer directory.
		Export of properties modified such that the properties specified in the properties.ini are exported on model elements if the value for the property is not equal to the default value.
		Creation of Instances instead of Relations for Rational Rhapsody objects of type "Object".
<b>6.1 build 04</b>		Removal of call to getCurrentDirectory for RPTYPE and getReturnType for RPOperation in model reader to remove memory error.
<b>6.1 build 03</b>		Fix for wildcard properties.
<b>6.1 build 02</b>	83053	Updated rhapsody.ini plugin section to use a ";" instead of ":".
<b>6.1 build 01</b>		Change of application name to RulesComposer.
	80945	Addition of tutorial for RulesComposer rule editor.
	80706	Added properties to control export of graphical information from Rational Rhapsody.
	80095	Added properties to classes and packages when reading from Rational Rhapsody that specify the specification and implementation filenames.
	80094	Modified the handling of Rational Rhapsody properties. The properties.ini file can now handle wildcard characters, and the values for all properties specified are read in on the project. Only overridden property values will appear on the model elements. <b>This may require changes in existing rulesets.</b>
		Optimization of rule compiler and engine for scripts with arguments. <b>NOTE: Any existing ruleset will have to be recompiled.</b>
<b>6.0 build 09</b>		Insertion of license agreement.
		Fix of rule compiler bug when using user profile.
<b>6.0 build 08</b>	81271	Added support for using user-defined jars in rules. User-defined jars should be placed in <Rhapsody>/Sodius/Titan/engines/Mia-Generation/tools/lib.
	81925	Added support for assert statements. See documentation for details.
		Fix of check for Java versions at installation time that prevented using Java 1.5.
		Fix of installation error when number of helper elements in rhapsody.ini was greater than 9.
<b>6.0 build 07</b>		Change of application name to Titan.

<b>6.0 build 06</b>		Change of property name from MDW.IsBeingGenerated to RHP.IsBeingGenerated.
		Change of context properties from MDW_gen_makefile, MDW_gen_main, and MDW_rule_version to RHP_gen_makefile, RHP_gen_main, and RHP_rule_version.
		Modification of Rational Rhapsody model reader to update the user interface when reading model.
<b>6.0 build 05</b>		Update of installer to modify siteJava.prp, siteC.prp, and siteC++.prp files instead of site.prp.
		Update of Rational Rhapsody metamodel to make GraphElement abstract.
	80242	Update of installer to allow for multiple versions of Rational Rhapsody, each with separate MDWorkbench installations.
<b>6.0 build 04</b>		Update of User's Guide to include "superAction" limitation.
		Update of installer to cleanly uninstall the helpers from the rhapsody.ini file.
		Update of Rule Compiler for use in batch mode.
		Addition of this document.
<b>6.0 build 03</b>		Addition of metatype "Label" in RuleCompiler.