

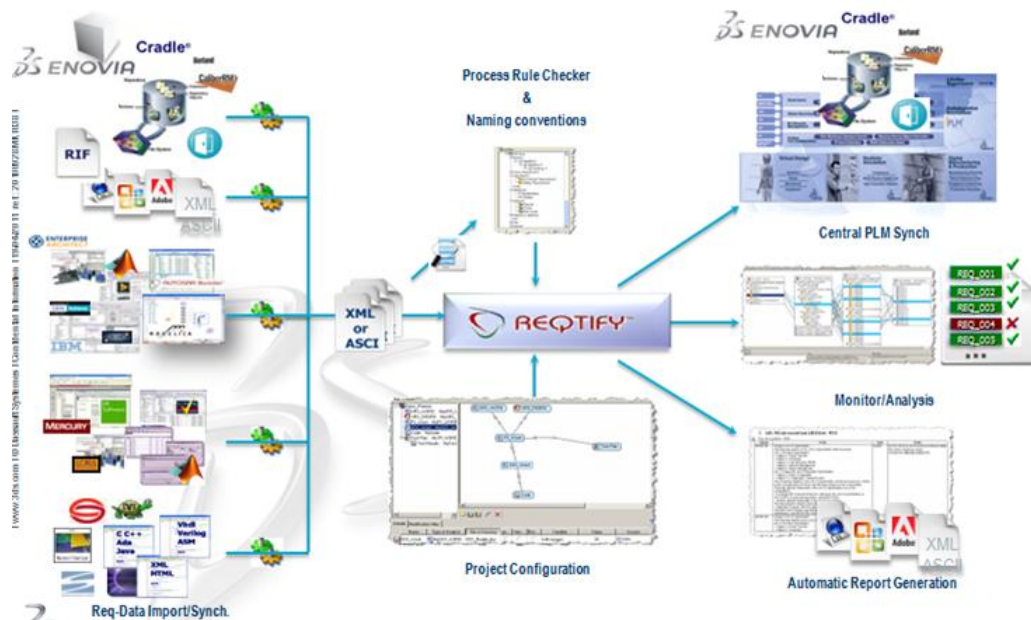


3DEXPERIENCE®

# REQTIFY™

## Welcome to Reqtify 2015 FD01

Reqtify 2015 FD01 is a new major release of Reqtify product line containing new features, new interfaces and minor enhancements, interface updates and fixes.



Reqtify is an interactive requirement traceability and impact analysis tool which can trace requirement from system, program and project levels to the entire levels of your software or hardware component development lifecycle. Reqtify can interface to requirement-related information in a wide variety of data formats, document types and file formats. These can include corporate requirement repositories such as IBM-Rational DOORS™ and RequisitePro™, Borland CaliberRM™, 3SL Cradle™, office type documents such as Microsoft Word, Excel, Adobe FrameMaker and PDF, UML Design tools such as ARTiSAN Studio, Enterprise Architect, CAD tools such as Simulink, Code files such as C, Ada, C++, Java or VHDL as well as information in standard text format, Html, XML or ReqIF.

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# General Information

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## Platform Availability

Reqtify is supported on Windows 2000/XP/VISTA/7/8.

## System Requirement

Approximately 150 MBytes available hard-disk space.

512 MBytes RAM and 8 MBytes VRAM.

High color (16-bits or 65536 colors) at resolution 1024x768 or 1280x1024.

## Third Party Libraries

<b>FOP</b>	Generate PDF documents	<a href="http://xmlgraphics.apache.org/fop/license.html">http://xmlgraphics.apache.org/fop/license.html</a>
<b>libjpeg</b>	JPEG image read/write	<a href="http://src.chromium.org/viewvc/chrome/trunk/src/third_party/libjpeg/LICENSE?view=markup">http://src.chromium.org/viewvc/chrome/trunk/src/third_party/libjpeg/LICENSE?view=markup</a>
<b>libpng</b>	PNG image read/write library	<a href="http://libpng.org/pub/png/src/libpng-LICENSE.txt">http://libpng.org/pub/png/src/libpng-LICENSE.txt</a>
<b>MiniZip</b>	Zip files manipulation.	<a href="http://www.winimage.com/zLibDll/unzip11.zip">http://www.winimage.com/zLibDll/unzip11.zip</a>
<b>PCRE</b>	regular expression analysis	<a href="http://www.pcre.org/licence.txt">http://www.pcre.org/licence.txt</a>
<b>PDFBox</b>	PDF file analysis	<a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a>
<b>SQLite</b>	SQLite DB access	<a href="http://www.sqlite.org/copyright.html">http://www.sqlite.org/copyright.html</a>
<b>zlib</b>	Compression	<a href="http://www.gzip.org/zlib/zlib_license.html">http://www.gzip.org/zlib/zlib_license.html</a>

# Updated Features

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## Composite Projects

Composite projects can now reference .rqt file instead of .rqtimage file. When file referenced by sub-project is modified, Reqtify can reload the composite project and sub-project .rqtimage file is recreated.

## Exports

The *Keep children* option is now available for several exports:

- ENOVIA Requirements
- CATIA Functional and Logical
- ENOVIA Logical Features
- DOORS
- Requisite Pro
- QualityCenter

This option enables you to export elements that are child of filtered elements.

## Analysis Performance

Performances are improved in the following cases:

- Project with many links
- Requirement with multiple texts or attributes

## Rich texts

When a rich text contains tables, these tables are now well displayed in rich edit widget even if it contains long texts.

Selection

Text:

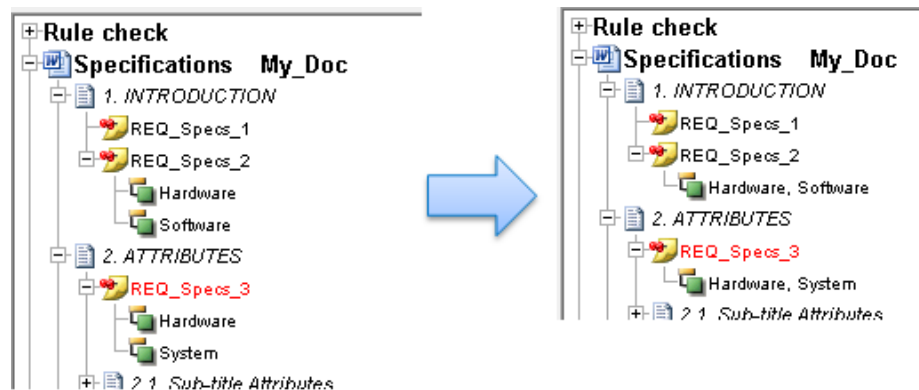
Du texte 1

Title 1	Title 2	Title 3	Title 4
REQ002 avec du texte derrière	Cell 2	Cell 3	Cell 4

Rich texts support font heights.

## Main View

An option (*Display multi-valued attributes in line*) is available in the *Options* dialog box to change multi-enumeration values.

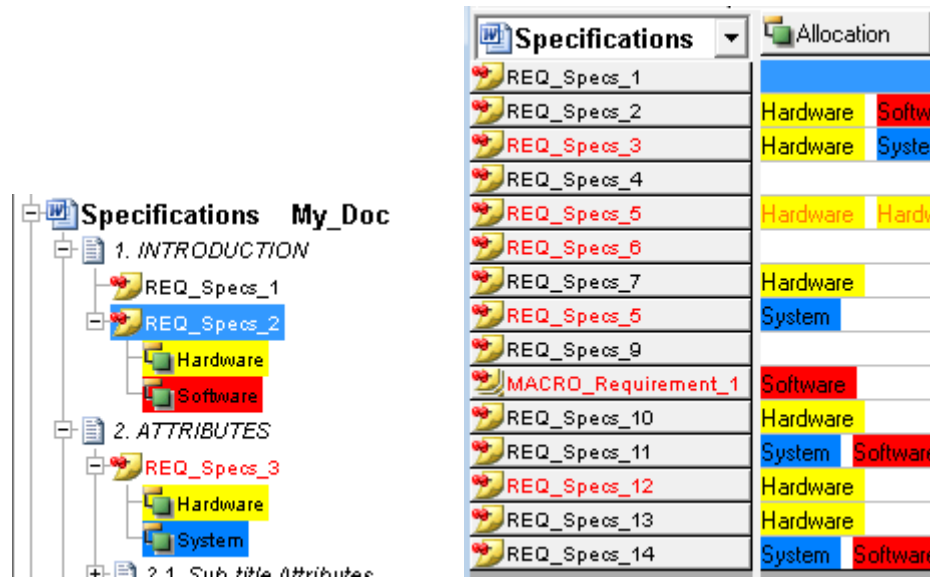


## Types

In the Type editor, a checkbox is available for Attributes, to type them as number. By selecting this option, you can compare on numbers instead of comparing strings.

Attribute types can be defined as multiline for a better display in Textual View.

Background colors can be defined for enumeration values.



A new option (*Macro-Requirement ends when parent section ends*) is available for macro-requirement to end the macro requirement when parent section ends.

## Snapshots

To be more precise, snapshots are now saved with the number of seconds in the file name.

Marks are now displayed in snapshots. When creating a new snapshot, the current mark file is saved.

## Project Editor

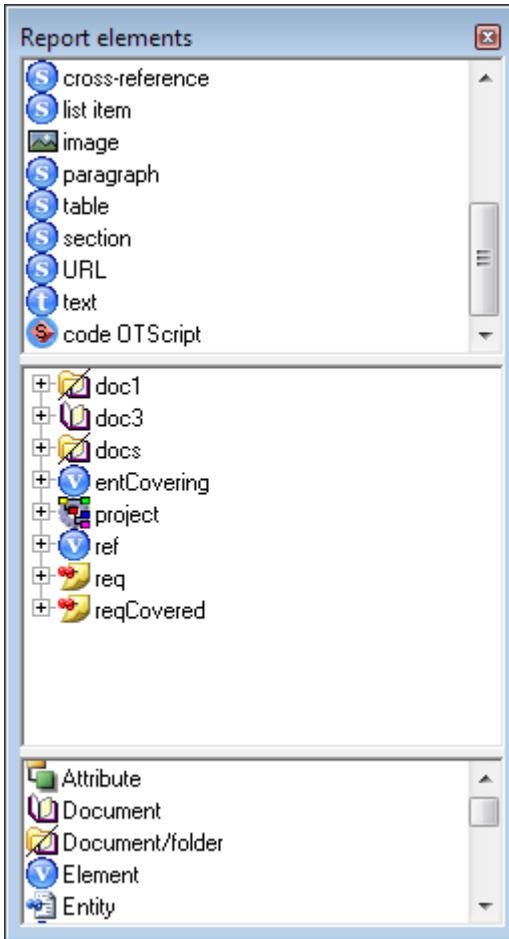
When editing projects, you can create multiple covers without pressing several times the *Add cover* button.

Documents can be reordered in the Project Editor tree.

## Reports

All the tree lists of the report elements dialog box can be simultaneously displayed.



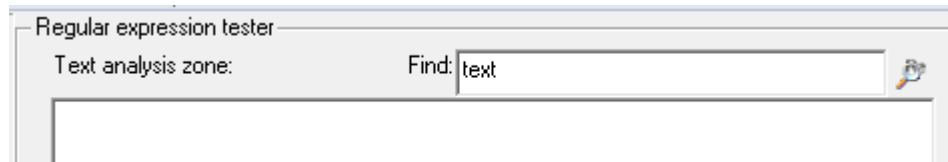


*Report elements dialog box*

Excel format supports anchors and rich texts.

## Regular Expression Tester

A search field is available to search for string in text window.



## Miscellaneous

A *reqtify.ini* file can be located in the project directory in order to specify local information (Document categories for example) for the project.

# New Interfaces



## SCADE

The SCADE coupling has been completely rewritten for new SCADE version. This new coupling is a unified coupling for all SCADE tools:

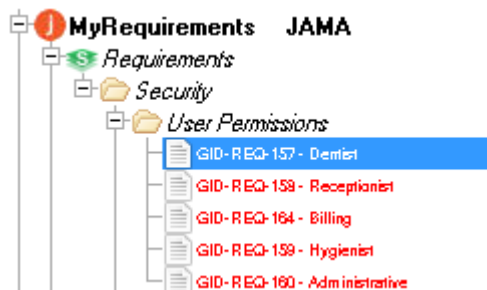
- SCADE Suite
- SCADE Display
- SCADE System

This interface enables you to import, navigate and export data to SCADE.



## Jama

Reqtify is now linked to Jama tool. After defining Jama connection profile, Jama coupling enables you to browse Jama projects with their root sets and components, then to get tree of items. Each leaf item is then considered as a requirement to be covered by low-level elements.

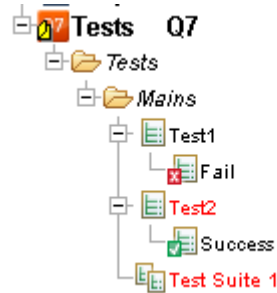


*Jama items displayed in Reqtify*



## Xored Q7

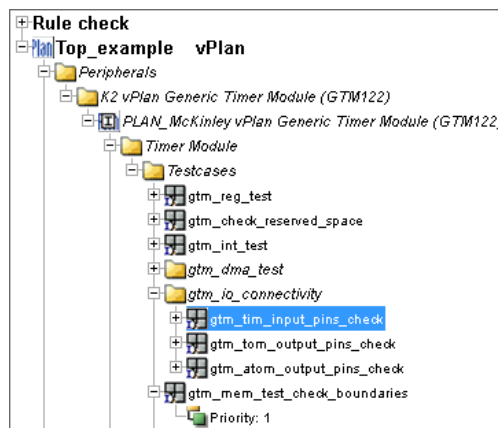
Reqtify can extract tests and test suites from Xored Q7 tool to allow traceability to high-level requirements. These high-level requirements are created as tags in Q7 tool to help traceability process. Results are captured as a modification document and the Failed/Success attribute is displayed under tests and test suites in Reqtify.



Q7 tests displayed in Reqtify

## vManager

Reqtify is able to analyze vPlan files.



# Updated Plugins

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## Tagger

Specific library types are added to help user to begin:

- Word Tagging Style
- Word Tagging Comments
- PDF Tagging Style
- PDF Tagging Comments

Tagging information relative to default Word and PDF types has been removed.

Automatic tagging supports Word regular expressions.

In the identifier prefix, you can type the \d escape sequence to replace it by the document name.

## ENOVIA Project Management

Project configuration (types, filters, report models, OTScript code) can be shared with other projects belonging to the same ENOVIA Project Space

# Updated Interfaces

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## CATIA Functional and Logical Design

After exporting data to CATIA Function or Logical, a menu item is available in the main view to navigate to exported functional references or to exported logical references.

Implement links can be created during export.



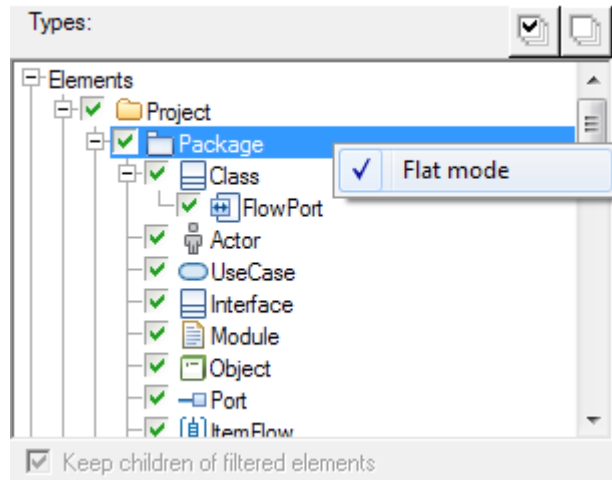
## IBM DOORS

Reqtify supports IBM DOORS version 9.6.

Export to DOORS now supports bigger documents.

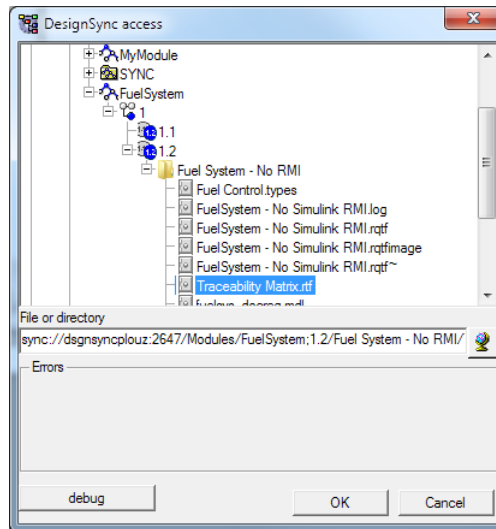
Export to DOORS now provides an option to automatically filter out category elements of Rhapsody types during the export.

Right-click the Types tree and activate Flat mode so the category types disappear. The option *Keep children* of filtered elements is automatically activated in order to export Rhapsody elements without their parent group.



## DesignSync

Files and folders contained in DesignSync modules can be analyzed.



## ReqIF



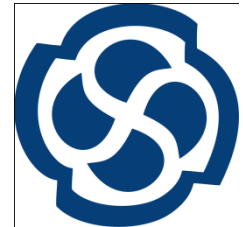
Types can be shared between several documents, even if UID are different. This is useful to import DOORS modules saved as ReqIF files.

During the import phase, you can define a condition on the attribute value of the Reqify type of a ReqIF object.

# Mathworks Simulink



New version R2014b is supported and RMI plugin has been updated.



# Sparx Systems Enterprise Architect

During the Enterprise Architect export, the sections can now be exported and the requirement hierarchy is kept.

