Move your ReqPro™ assets forward !

ReqPro™ to

Requirements Management for JIRA™

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Download the ReqPro2Requirements executable package at:

http://reqpro.easesolutions.de/download/reqpro2r4j.zip

Functionality

The ReqPro2Requirements desktop program allows you to migrate your ReqPro™ assets into a running JIRA instance which has the plugin "Requirements Management for JIRA"[1] installed.

The program guides you through a series of dialog screens to configure the migration and perform the actual data migration of ReqPro™ assets to Requirements Management for JIRA.

A migration configuration can be stored in a file, so that you can use a previous migration configuration and employ it with another instance of ReqPro™ or JIRA™ in which case you may only have to change the connection and/or login information.

Please note that neither your ReqPro™ nor your JIRA™ password is stored in the configuration file.

The configuration file stores the names of the entities and not their unique ids so the configuration is not dependent on an actual installation and its database state.

The program migrates the following ReqPro™ assets:

- ReqPro™ Requirements including attribute values and "trace" as well as "children" relationships
- ReqPro™ Documents
- ReqPro™ Package structure

Restrictions

The program migrates ReqPro™ assets for most use cases, but there are some restrictions on which ReqPro™ assets are migrated.

These restrictions are:

- no views are migrated, use the rich query functionality of Requirements Management for JIRA™ instead.
- no ReqPro™ "related project" handling.
- all ReqPro™ requirement attribute values are stored in JIRA™ custom text fields.

[1] https://marketplace.atlassian.com/plugins/com.easesolutions.jira.plugins.requirements/server/overview

System Requirements

The program has the following system requirements

- Windows™ 7 or later
- Microsoft .NET Framework™ 4.5
- IBM Rational RequisitePro™ 7.1.2 or above

General Concepts of the Import Wizard

The import wizard is a standard desktop window application which displays the current wizard step page in a window.

The window provides 3 standard buttons for operations.

These buttons are:

- Cancel : allows you to cancel an ongoing operation
- Back : returns you to the previous wizard page
- Next : when all required information in a page has been provided and validated allows you to continue to the next page in the wizard.

Some pages will have an operation result indicator, which is a text box at the bottom of the page.

When operations complete the text box displays success messages with a green background while errors are displayed with a red background.

In either case a text message contains further details about the result of the operation.

Wizard Step Details

Step "Load a previously saved import definition"

In this page you have the option to either provide the information for the import manually or to load a previous configuration which will be used to preselect values in later steps of the import configuration pages.

If you choose "Load a previous import definition file" you can fill in the text box with the complete file location of a saved configuration or you can click "Browse..." to select a file using the standard file open dialog.

When the text box contains a file name click the "Load" button to start the load operation of a configuration. After the operation completes you will either receive a success indication or an error message with details about the error cause.

Step "Provide your JIRA login details"

In this page you have to provide the URL for your JIRA™ instance as well as the user name and password for the connection to be used for accessing JIRA™.

When you provided the information click "Login" and the login operation is initiated.

Please be aware that all JIRA™ issues and Requirements Management for JIRA assets will be created in the context of the JIRA™ user you provide in this page. So please ensure that this JIRA™ user has the necessary rights in JIRA™ as well as on the project permissions in Requirements Management for JIRA.

If the operation result indicator states that "The JIRA instance has no Requirements Management for JIRA plugin installed." you must first install the Requirements Management for JIRA plugin as an addon in the JIRA™ instance.

Step "Select the JIRA project to import to"

In this page you are presented with a list of JIRA™ projects that are available for the provided JIRA™ credentials.

Please select the JIRA™ project you want your ReqPro™ assets to be imported to.

Step "Check whether the selected JIRA destination project is configured correctly for Requirements Management for JIRA"

This page presents you with the result of a consistency check for the previously selected JIRA™ project which is the destination of the import.

If the operation result indicator shows an error you may have not configured the selected JIRA™ project for use in the Requirements Management for JIRA plugin.

The project must be added for usage in Requirements Management for JIRA™ in the administration area of the plugin "Requirements Management for JIRA", please refer to the documentation[2] for details.

Step "Select the ReqPro project to import from"

This page presents you with the current ReqPro™ catalog items of the ReqPro™ Windows client.

Please note that the selection represents only the current catalog items.

[2] https://easesolutions.atlassian.net/wiki/x/CIBrAg

If you are missing a ReqPro™ project please open this ReqPro™ project at least once in the ReqPro™ Windows client, so that it is included in the project selection the next time this page is displayed.

Step "Provide your ReqPro login details"

In this page you have to provide the ReqPro™ credentials used to connect to the ReqPro™ project.

When you provided the information click "Login" and the login operation is initiated.

Please be aware that all information read for the import is in the context of these credentials.

Step "Mapping ReqPro requirement types to JIRA issue types"

This page allows you to select the JIRA™ issue type you want to create for a ReqPro™ requirement.

The page presents you with a line for each ReqPro™ requirement type.

Each line contains the name of a ReqPro™ requirement type and a selection box which contains all possible JIRA™ issue types.

For each ReqPro™ requirement type of your ReqPro™ project you can select the JIRA™ issue type which should be employed to create a JIRA™ issue for a requirement of this type.

If you provide no JIRA™ issue type selection for one of the requirement types then requirements of this type will not be imported.

Step "Mapping ReqPro document types to JIRA issue types"

This page allows you to select the JIRA™ issue type you want to create for a ReqPro™ document.

The page presents you with a line for each ReqPro™ document type.

Each line contains the name of a ReqPro™ document type and a selection box which contains all possible JIRA™ issue types.

For each ReqPro™ document type of your ReqPro™ project you can select the JIRA™ issue type which should be employed to create a JIRA™ issue for a document of this type.

If you provide no JIRA™ issue type selection for one of the document types then documents of this type will not be imported.

Step "Select the JIRA link types to reflect the ReqPro relationships"

ReqPro™ requirements can have "trace" and "child" relationships. The relationships are reflected in JIRA™ as standard JIRA™ issue links.

This page presents you with two selection boxes for selecting a JIRA™ issue link type.

The selection "Select JIRA issue link type for ReqPro trace relationship." provides the JIRA™ issue type for a "trace" relationship and the selection "Select JIRA issue link type for ReqPro children relationship." provides the JIRA™ issue type for a "child" relationship.

Both selections must be filled with a JIRA™ issue type of your choice.

Step "Select the JIRA custom fields for identification of ReqPro assets"

ReqPro™ requirements can have "trace" and "child" relationships. The relationships are reflected in JIRA™ as standard JIRA™ issue links.

This page presents you with two selection boxes for selecting a JIRA™ issue link type.

The selection "Select JIRA issue link type for ReqPro trace relationship." provides the JIRA™ issue type for a "trace" relationship and the selection "Select JIRA issue link type for ReqPro children relationship." provides the JIRA™ issue type for a "child" relationship.

Both selections must be filled with a JIRA™ issue type of your choice.

Step "Mapping ReqPro attributes types to JIRA custom fields"

This page allows you to configure the JIRA™ custom text field you want to store a ReqPro™ requirement attribute value in the JIRA™ issue being created for a requirement.

The page presents you with a line for each ReqPro™ attribute. Please note that only those attributes are available that are possible in the ReqPro™ requirement types you selected for import in a previous page.

Each line contains the name of a ReqPro™ attribute and a selection box which contains all possible JIRA™ custom text fields.

For each ReqPro™ attribute you can select the JIRA™ custom text field in which the actual requirement attribute value will be stored in the created JIRA™ issue of the requirement.

If you provide no JIRA™ custom text field selection for one of the ReqPro™ requirement attributes the attribute value will not be imported.

Step "Save the current import definition to a file"

This page provides you with the option to store the configuration selections of the previous pages in a file for later use.

You can fill in the text box with the complete file location of the file to which the configuration should be saved or you can click "Browse..." to select a file using the standard file save dialog.

When the text box contains a file name click the "Save" button to start the save operation of a configuration. After the operation completes you will either receive a success indication or a failure message with details about the error cause.

Step "Prepare for import execution"

This page is the last page before the actual import is started. Clicking "Next" will start the import.

Step "Importing"

This page is displayed during the actual import of your ReqPro™ assets into your JIRA™ instance is performed.

You get process indicators for the various import steps such as:

- Preparation of import data (unspecific progress information)
- Creating JIRA™ issue per ReqPro™ requirement (progress information reflects the number of requirements that have been imported)
- Creating JIRA™ issue per ReqPro™ document (progress information reflects the number of documents that have been imported)
- Creating links in JIRA™ issue per ReqPro™ requirement (progress information reflects the number of issues whose links have been updated to reflect the ReqPro™ relationships)
- Creating Requirements Management for JIRA folders per ReqPro™ packages (unspecific progress information but with display of ReqPro™ package currently being processed)
- Creating Import Report (unspecific progress information)

In case of a fatal error during import the operation result indicator displays a detailed error information.

When the page displays "Import finished" the import has completed.

During import you can click "Cancel" to stop the import operation, please note that entities created during the import are not rolled back.

Step "Failure report of the performed import"

This page provides a failure report related to single entities. It displays the failures in a table view.

You can save the failure report as a CSV file.

To save the report you can fill in the text box with the complete file location of the file to which the report should be saved or you can click "Browse..." to select a file using the standard file save dialog.

When the text box contains a file name click the "Save" button to start the save operation of a failure CSV file.

After the operation completes you will either receive a success indication or a failure message with details about the error cause.

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