

# Importing ReqIF files from the command-line interface

Importing from the command-line interface is useful when you want to import files automatically, e.g., once a day at midnight.

To import a ReqIF file from the command-line interface

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1. Open the Command Prompt window
2. Go to the *<model editor installation directory>/plugins/com.nomagic.requirements* directory containing the *reqifimport.exe* file.
3. At the command prompt, type the following command and specify the values of the required arguments:

```
reqifimport project_descriptor=<project URL> reqif_file=<path to ReqIF file> owner=<element hyperlink or qualified name>
```

Where:

- **project\_descriptor** is the URL of a project.
  - a. Start your modeling tool and open the required project.
  - b. In the main menu, go to **File > Project Properties** and select the **General** tab.
  - c. Find the project descriptor specified in the **Project Descriptor** box at the bottom of the **Project Properties** dialog and copy it to the clipboard.
- **reqif\_file** is the path to the ReqIF file you want to import.



If there is a space in a path, surround the argument and its value with escaped quote (\").

- **owner** is the hyperlink or qualified name of the owner element. If newly imported elements are not contained by the Specification element, they are placed under the specified owner. Note that the **owner** argument is optional.
  - a. Start your modeling tool and open the required project.
  - b. In the Containment tree, right-click an element and select **Copy Element Hyperlink**.

The hyperlink of the element is now copied to the clipboard.

4. Press **Enter**.

Now after opening the project you have imported the ReqIF file into, the imported data is already present in the Containment tree of the project.

## Using a properties file

To make importing from the command-line interface quicker you can specify arguments in a properties file, which can be easily edited or reused.

To import a ReqIF file from the command-line interface using a properties file

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1. Create a properties file and specify the values of the following arguments:
  - **project\_descriptor**
  - **reqif\_file**
  - **owner**

See the example of a properties file below.

```

project_descriptor=file:/C:/Users/johnsmith/Downloads/MagicDraw_190
/samples/requirements/MagicLibrary%20requirements.mdzip
#
# Specify the project URL.
# To get a project descriptor, open a project and in the main menu
go to File > Project Properties > General.
#
reqif_file=C:/Users/johnsmith/Documents/project_requirements.reqif
#
# Specify the path to the ReqIF file.
# NOTE: If there is a space in a path, surround the argument and its
value with escaped quote (\").
#
owner=mdel:///eee_1045467100313_135436_1
#
# Specify the hyperlink or qualified name of the owner element.
# To get the hyperlink of an element, open a project, right-click
the element in the Containment tree and select "Copy Element
Hyperlink".
# NOTE: This argument is optional.
#

```



When creating a properties file on Windows OS, use only / or \\ as a path separator, otherwise the command will fail.

2. Open the Command Prompt window.
3. Go to the *<model editor installation directory>/plugins/com.nomagic.requirements* directory containing the *reqifimport.exe* file.
4. At the command prompt, type the following command and specify the value of the **properties\_file** argument.

```
reqifimport properties_file=<path to properties file>
```

Where **properties\_file** is the path to the properties file to be used.

5. Press **Enter**.

Now after opening the project you have imported the ReqIF file into, the imported data is already present in the Containment tree of the project.