Smart Package

This feature is available in Standard, Professional, Architect, and Enterprise editions.

Smart package is a special collection of model elements.

There are two ways an element can be included in the smart package:

- *Manually* - the user selects to include the particular element.

  You can create a smart package named *My Bookmarks* and add frequently used elements to it.

- *Automatically* - the element meets the set of criteria defined by the user.

  You can create a smart package named *Requirements v5* with the criteria "all elements of type *Requirement* under the package *Business requirements*, having tag *version=5*".

The membership in the smart package is not the UML ownership; one element can belong to several smart packages.

Smart packages aggregate relevant elements, so that you can:

- Easily browse, navigate, list, and discover these elements in the Containment tree.
- Narrow the scope in both the **Find** dialog and the element Selection dialog.
- Define dynamic row and column scopes in dependency matrices.

Concepts

To better understand this material, please read through the following concepts.
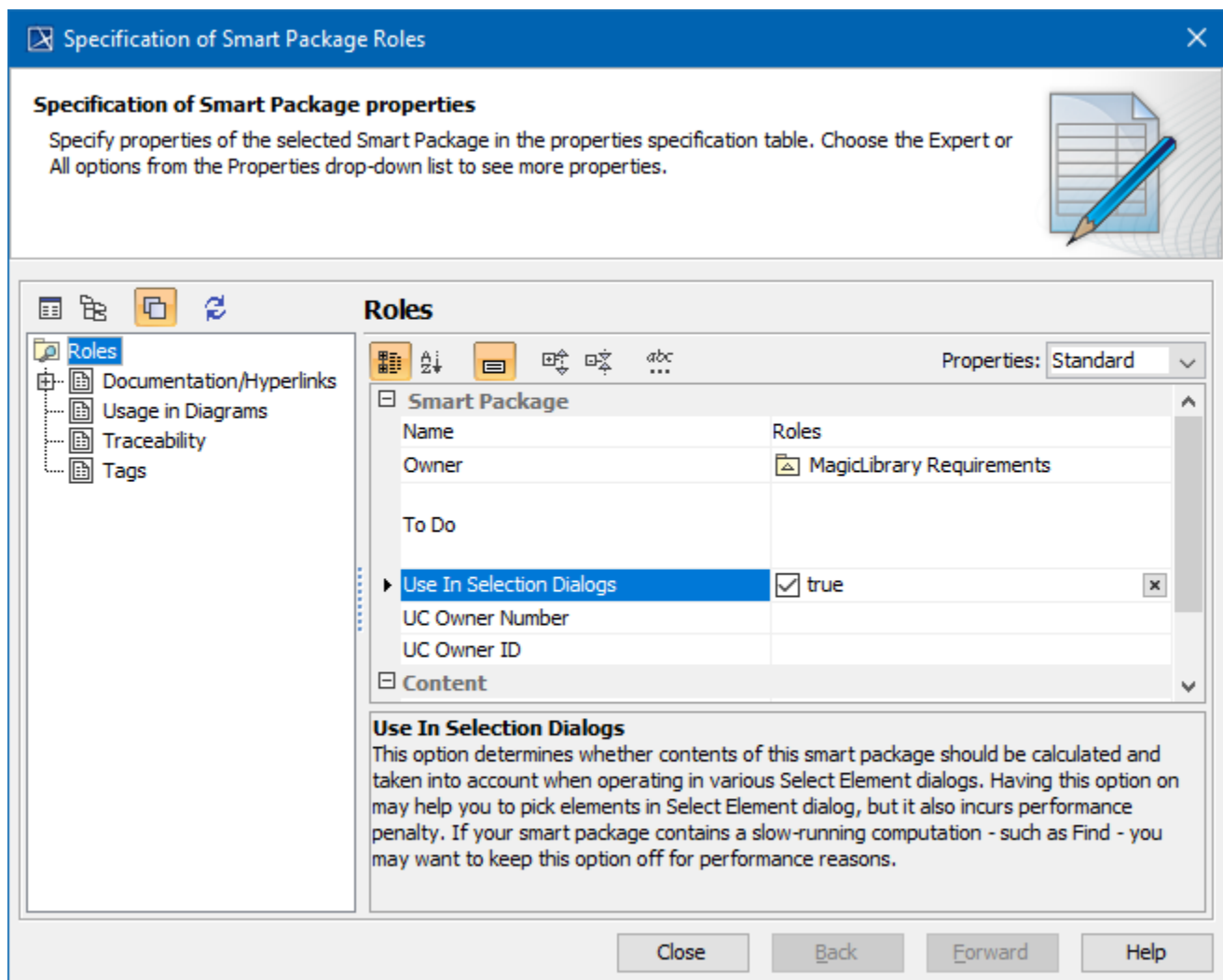
Static contents

A collection of manually included elements.

Dynamic contents

A collection of elements automatically calculated according to the set of criteria specified by the user.

Performance contents

In the **Smart Package** Specification window, you can take advantage of a new property, **Use In Selection Dialogs,** which allows you to work better with your smart packages. Previously, smart packages slowed down the opening of **Selection** dialog boxes. **Use In Selection Dialogs** allows users to exclude the smart package from the calculation of elements to display in **Selection** dialog boxes (e.g. Select Elements).

Related pages

- Creating smart packages
- Managing contents of smart package
- Smart package properties
- Using smart packages in your model
- Smart package-related performance issues

- Model Elements
- Stereotype
- Package
- Working with Profiles