# **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.

🐼 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.

kal 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).

Specification of Smart Packag	e Roles		×
Specification of Smart Package properties Specify properties of the selected Smart Package in the properties specification table. Choose the Expert or All options from the Properties drop-down list to see more properties.			
🗉 🗟 🔂 😂 Roles			
Roles Commentation/Hyperlinks	ti contration abc	Properties: Standard	$\sim$
	Smart Package		^
	Name	Roles	
	Owner	MagicLibrary Requirements	
	To Do		
	Use In Selection Dialogs	🗹 true	×
	UC Owner Number		
	UC Owner ID		
	Content		~
	Use In Selection Dialogs This option determines whether contents of this smart package should be calculated and taken into account when operating in various Select Element dialogs. Having this option on may help you to pick elements in Select Element dialog, but it also incurs performance penalty. If your smart package contains a slow-running computation - such as Find - you may want to keep this option off for performance reasons.		

Close

Back

<u>Forward</u>

Help

## Related pages

📃 Unknown macro: 'list-children'

- Model Elements
  Stereotype
  Package
  Working with Profiles