Automated Package Structure Creation

Instead of copy-pasting an existing package structure, you can create one automatically. You can do that by creating your own package structure configurations first and then applying them to your model via the **Create Package Structure** action.

Creating a package structure configuration

To create a package structure configuration

- 1. Create a configuration element, which can be any named element (e.g. a Package named 'SubsystemPackages').
- 2. Right-click the configuration element. In the shortcut menu, click Stereotype > select «packageStructureConfiguration» from the menu, and click Apply.
- 3. Right-click the configuration element and open its Specification window.
- 4. In the Specification window, select the **Tags** property group.
- 5. Under «packageStructureConfiguration» select applyToElements and click the Create Value button.
- 6. In the Select Elements dialog, select the element types for which the Create Package Structure action will be available.

M Use the Multiple Selection option to specify multiple element types.

- 7. Under «packageStructureConfiguration» select CreateElements and click the Create Value button.
- 8. In the Value box, create a list of packages that will be created.

Specification of Block Subsystem	Packages X
🗉 🖻 🖉	Tags
SubsystemPackages Navigation/Hyperlinks Allocations Usage in Diagrams Usage in Diagrams Usage in Attributes Operations Ports Derestions Receptions Behaviors Inner Elements Relations Relations Ports/Interfaces Properties Instances Traceability	Profile <all> Property: Property: CreateElements : String[1] Value Property: CreateElements : String[1] Value HTML CreateElements = Block PremovelndentSymbols Value CreateElements = 72.* Subsystem X Solut Subsystem Requirements 2 Subsystem Structure 1 Logical Interfaces 2 Exchange Items 3 Logical Components 1 Component Bt 1 Component Requirements 2 Component Structure 1 Logical Interfaces 3 Component Bt 1 Component Bt 1 Component Requirements 2 Component Bt 1 Component Requirements 2 Component Bt 1 Component Requirements 2 Component Bt 1 Component Bt 1 Component Requirements 2 Component Bt 1 Parameters Values</all>
	Remove Value Edit Value

9. (Optional) If the structure defined in the CreateElements tag is specified using any indent symbols (e.g., bullet points, numbers, etc.) that you do not want to include in the created packages' names, select RemoveIndentSymbols, click the Edit Value button and set it to *true*.

A By default, the RemovelndentSymbols tag is set to false.

10. Click Close

Creating a package structure automatically

To create a package structure automatically

1. Right-click an element for which you want to create the package structure defined in the configuration. In the shortcut menu, click Tools > Create Package Structure. The Select Package Structure dialog opens.

The Create Package Structure action is only available for elements specified in the applyToElements tag of the package structure ∕!\ configuration.

2. In the Select Package Structure dialog, select the package structure configuration element that defines the package structure you want to create. Click **OK**. The selected package structure is created for the element.

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MagicGrid project templates contain two package structure configurations included by default. To learn more, see the Using packages page.