


# Find dialog

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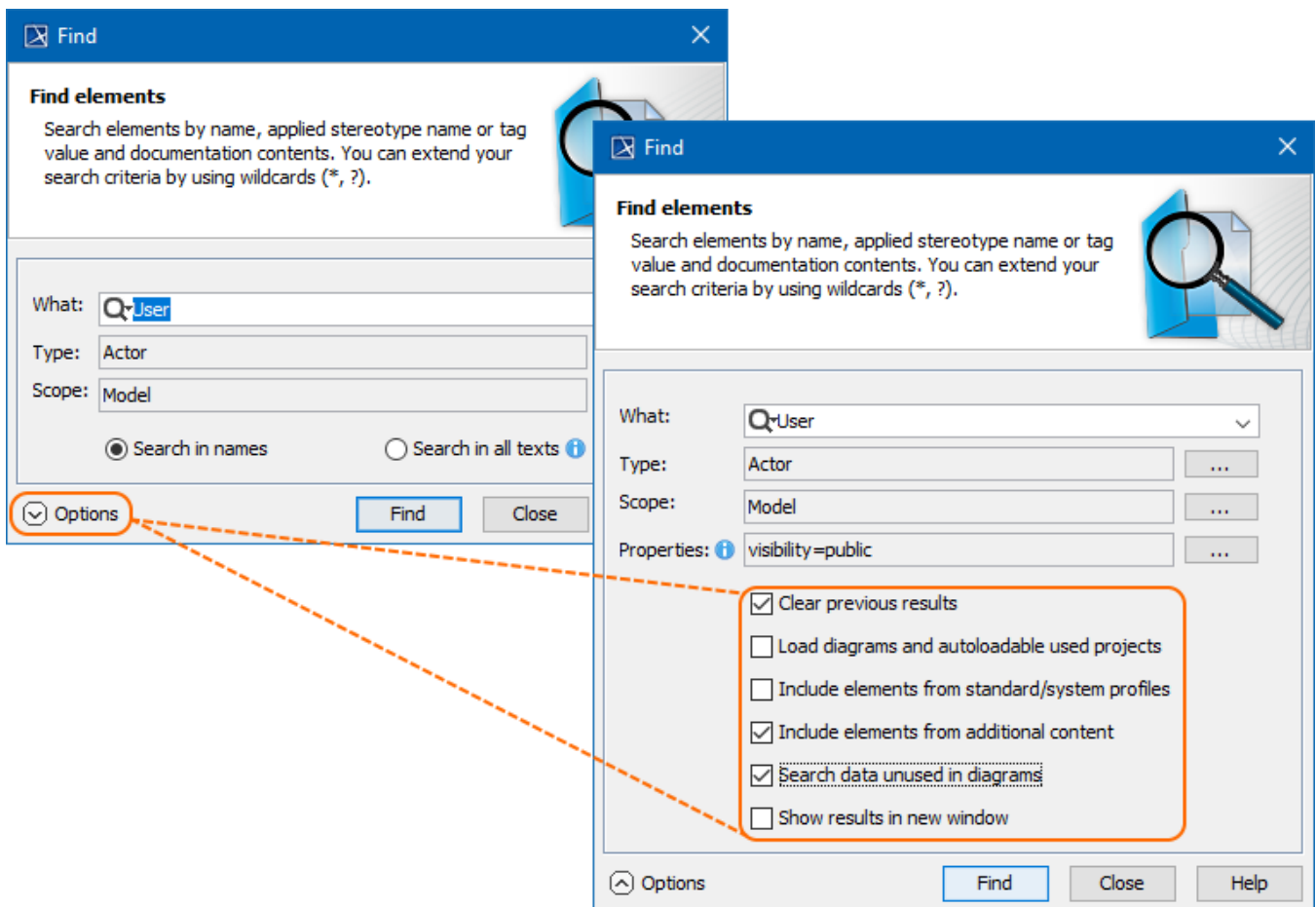
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The **Find** dialog provides a quick way to search for specific model elements. Use it to search for elements by name, applied stereotype name, tag value and documentation content. The dialog can be opened from several different places in your modeling tool. To complete a simple search, use the main area of the dialog, or click the **Options** button, to specify criteria that will reduce your search results to only applicable ones.

To search for elements using the Find dialog

1. Open the **Find** dialog in one of the following ways:
  - In the main menu, click **Edit > Find**.
  - In the main toolbar, click .
  - Press Ctrl+Shift+F.
2. Specify the search criteria in the [main area of the dialog](#).
3. If you would like your search to be more specific, click the **Options** button to expand the [Options area](#), and select the desired options.
4. When you finish specifying your search criteria, click the **Find** button.

After completing the steps above, the search results are displayed in the **Search Results** tab of the model browser.



The **Find** dialog with the extended **Options** area.







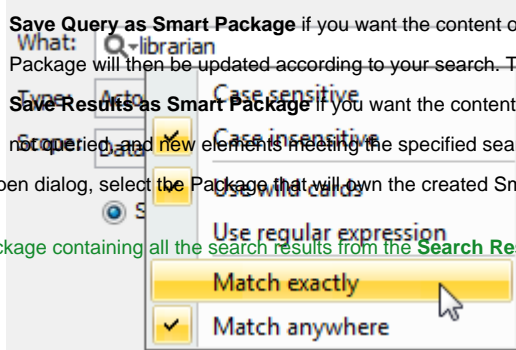









## Searching tips

- To search for textual information in an active diagram, click  in the diagram toolbar or press Ctrl+F.

## Main area of the Find dialog

To quickly access your search results, add them to Favorites or save them as the contents of a Smart Package.

Use the main area of the **Find** dialog to specify the most common search criteria, such as an element name or the scope of the search. The table below provides detailed descriptions of all the elements in the main area.

<b>Dialog element name</b>	<b>Search Results</b> <b>Dialog element type</b>	<p>1. In the <b>Search Results</b> tab of the Model browser, select the element(s) you want to add to Favorites. Press and hold the Shift button to select multiple items.</p> <p>2. Click  on the toolbar of the <b>Search Results</b> tab. Then select <b>Add Selected to Favorites</b> from the menu.</p> <p>The selected search results are now added to Favorites. They can be accessed by clicking  and selecting the desired element under the <b>Go to</b></p>
<b>What</b> Text box with drop-down list	<b>What</b> Text box with drop-down list	<p>The <b>What</b> box allows you to search for model elements by the text used in their names or textual properties. To search for desired model elements, enter the text you want to find. To search in element names, select the <b>Search in names</b> check box. To search in textual properties including Documentation, select the <b>Search in all texts</b> check box. Note that both of these options are available only if the <b>Options</b> area is collapsed. To make your search more specific, click  as illustrated below.</p> <p>1. Click  on the toolbar of the <b>Search Results</b> tab containing the search results you want to add to a Smart Package.</p> <p>2. From the open menu, select one of the following:</p> <ul style="list-style-type: none"> <li><b>Save Query as Smart Package</b> if you want the content of a newly created Smart Package to be dynamic. The content of the Smart Package will then be updated according to your search. The specified search criteria will be saved as the <b>Query</b> property value.</li> <li><b>Save Results as Smart Package</b> if you want the content of a newly created Smart Package to be static. In this case, your model is not queried, and new elements meeting the specified search criteria are not automatically included in the Smart Package.</li> </ul> <p>3. In the open dialog, select the Package that will own the created Smart Package.</p> <p>A new Smart Package containing all the search results from the <b>Search Results</b> tab is created under the selected owner.</p>  <p>You may use wildcard characters (.,?) in your search phrase. "" means zero, one, or more characters. If your search phrase is "dd", all the elements containing "dd" in their names can be found, e.g. "Address" and "ThreadDeath". "?" means exactly one character. If your search phrase is "?dd", only the elements with "dd" in their names, beginning with the second character (e.g., "Address"), can be found. "ThreadDeath" cannot be found in this case, because it contains more than one character before the search phrase "dd". Be sure to check the <b>Match exactly</b> command when using wildcard characters!</p>
<b>Type</b> Text box with 	Text box with 	<p>Click  and select one or more element types from the list provided in the open <b>Select Element Type</b> dialog. You have the option to include standard subtypes and custom types of the selected element type in the search results.</p> <ul style="list-style-type: none"> <li>Select the <b>Include Subtypes</b> check box to include the subtypes of the selected elements, e.g., models and profiles of Packages.</li> <li>Select the <b>Include Custom Types</b> check box to show the custom types extending the selected element types, e.g., a Smart Package extending a Package.</li> </ul>
<b>Scope</b> Text box with 	Text box with 	<p>The scope refers to the package of your model in which the content search will be performed. Click  and select the desired package. Specify the search scope before opening the <b>Find</b> dialog by performing one of the following:</p> <ul style="list-style-type: none"> <li>Right-clicking a package in the Model Browser, and selecting <b>Find</b> from its shortcut menu.</li> <li>Selecting a package in the Model Browser and pressing Ctrl + F.</li> </ul>
<b>Properties</b> Text box with 	Text box with 	<p>The box is available only when the <b>Options</b> area is expanded. Click , select the properties applicable to your search and specify their values. The property list in the open dialog contains only the properties of the element types selected in the <b>Type</b> box. Select at least one element type to make the button available. Keep in mind that the property list contains primitive value properties, e.g. string, boolean, integer, and a non-primitive value property named <b>Applied Stereotype</b>.</p>

## Options area of the Find dialog

The **Options** area allows you to select from a number of additional search options that will make your search more specific and narrow down the search results.

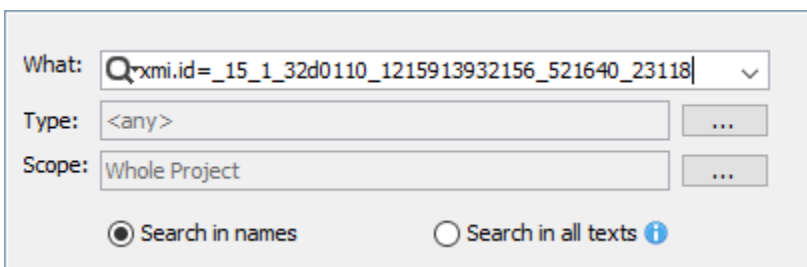
Dialog element name	Dialog element type	Description
Clear Previous Results	Check box	Select to remove all previous search results from the <b>Search Results</b> tab in the Model Browser.
Load diagrams and autoloading used projects	Check box	Select to load all elements to be included in the search if the model has diagrams or used projects that are not loaded. If the load mode of the used project is <b>Manual load</b> , the used project will not be loaded and elements from it will not be included in the search.
Include elements from standard/system profiles	Check box	Select to include elements from standard/system profiles.
Include elements from additional content	Check box	Select to include additional elements from Smart packages if Smart packages fall into the search scope. By default, this check box is not selected and elements from Smart packages are excluded from search results. This enables you to avoid search results being duplicated by results outside of Smart packages.
Search data unused in diagrams	Check box	Select to search for only those elements that do not have symbols in any diagram. Note that the check box is unavailable if the <b>Find</b> dialog is opened by using the <b>Find in Diagram</b> command in the diagram shortcut menu.
Show results in new window	Check box	Select to display the results of every subsequent search in a new <b>Search Results</b> tab of the Model Browser.

## Advanced search options

The **Find** dialog offers a number of advanced search options allowing you to narrow down search results. Below are some specific cases illustrating how search criteria can be defined.

To find an element by an element ID



1. Open the **Find** dialog.
2. In the **What** box, enter the prefix "xmi.id=" followed by the ID of the element you want to find.
3. Click the **Find** button.



The screenshot shows the Find dialog box with the following settings:



- What:** A text box containing "xmi.id=\_15\_1\_32d0110\_1215913932156\_521640\_23118" and a dropdown arrow.
- Type:** A text box containing "<any>" and a button with three dots.
- Scope:** A text box containing "Whole Project" and a button with three dots.
- Search options:** Two radio buttons. The first is selected and labeled "Search in names". The second is labeled "Search in all texts" and has an information icon.

To find abstract Classes

1. Open the **Find** dialog.
2. Click  next to the **Type** box, and select **Class**.
3. Expand the **Options** area if it is not yet expanded.
4. Click  next to the **Properties** box, select the **IsAbstract** property, and set its value to *true*.
5. Click the **Find** button.

To find the elements with a specific stereotype and a certain phrase in their documentation

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1. Open the **Find** dialog.
2. Click  next to the **Type** box, select the element type you want to find (e.g, **Actor**) and select the **Include Subtypes** check box.
3. Expand the **Options** area if it is not yet expanded.
4. Click  next to the **Properties** box, select the **Applied Stereotype** property, and select a custom stereotype (e.g., «BusinessActor») as its value.
5. In the same dialog, select the **Documentation** property and enter a search phrase as its value.
6. Click the **Find** button.