

Global element usage search

The global element usage search allows you to check the usages of elements within the Teamwork Cloud repository. This makes it easier to examine how deleting or modifying an element can impact the projects that use it. The following demo shows how this functionality works:

⚠ Prerequisites

- You can only use the Global Element Usage Search feature if [Elasticsearch is installed](#) on the server.

The command is only available for the elements in an open (main) project. You cannot execute it if:

- You can investigate element usages only in projects that have been [indexed](#).
- Your web application platform URL must be entered in the [environment options](#). If this URL is not added to the environment options, once you select the element, the **Used by in Server** command is not available.
- The selected element is not used by in Server. Once the window appears, prompting you to enter the web application platform URL.
- multiple elements are selected

To find element usages

1. Do one of the following:

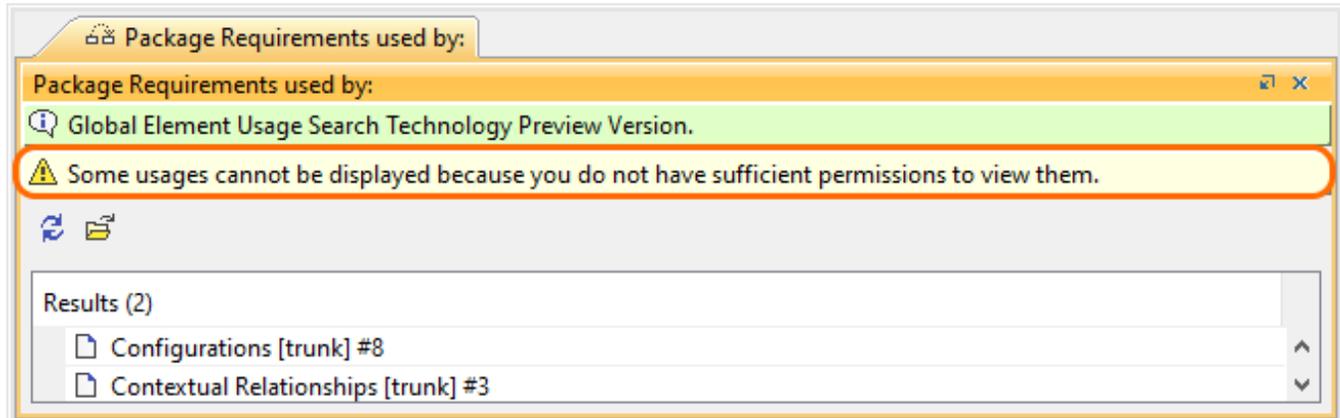
- In the [Containment tab](#), right-click an element and select **Related Elements > Used by in Server**.
- On the diagram pane, right-click an element shape and select **Related Elements > Used by in Server**.

The element usage search results panel opens with a list of server projects that use the selected element:



⚠ Only the latest indexed branch versions are found. For example, if an element is used in the historical version but is no longer in use, it is not displayed in the element usage search results panel.

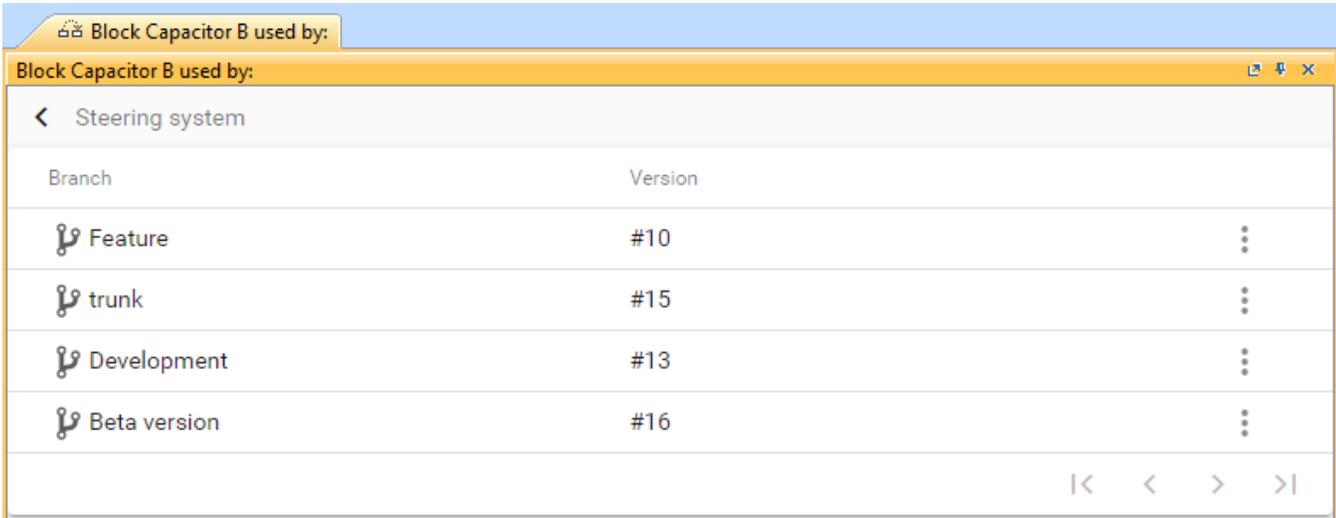
If you see a warning message (see below), it means that you do not have permission to read the project(s) using the element you performed the usage search for.





Press the Refresh button  to see the latest information on element usage.

2. Select a project to see a list of project branches and versions that use the element.



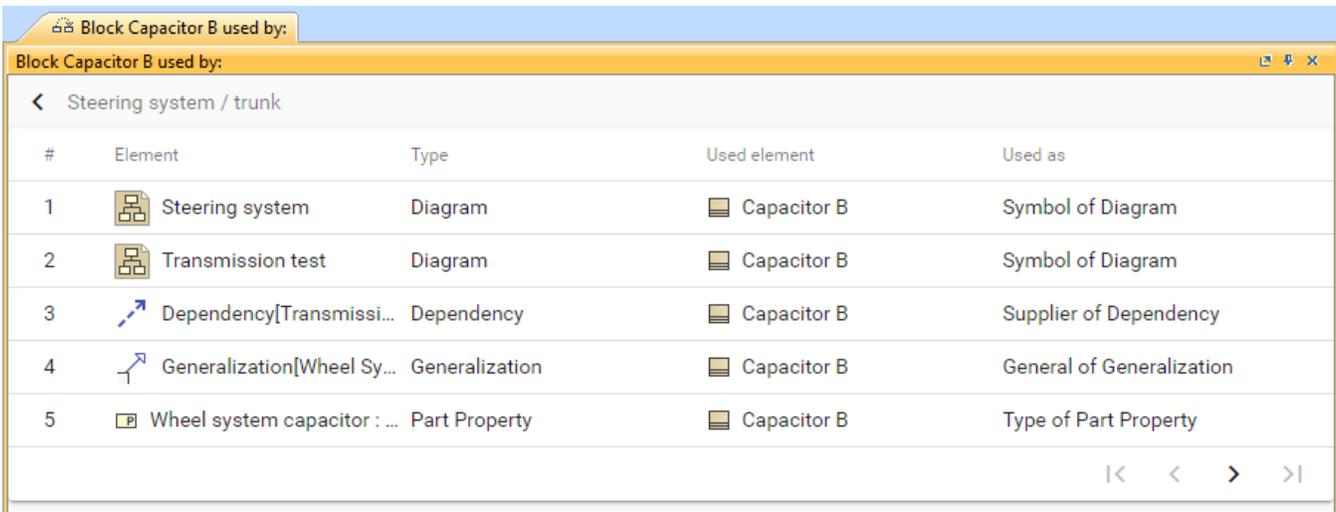
The screenshot shows a window titled "Block Capacitor B used by:" with a sub-header "Steering system". It displays a table of project branches and their corresponding versions.

Branch	Version
Feature	#10
trunk	#15
Development	#13
Beta version	#16



Press **Actions**  > **Open project** to open the specific project branch that uses the element.

3. To investigate element usage in more detail, select a specific branch. This shows usage details at the element level:



The screenshot shows a window titled "Block Capacitor B used by:" with a sub-header "Steering system / trunk". It displays a table of element usage details.

#	Element	Type	Used element	Used as
1	Steering system	Diagram	Capacitor B	Symbol of Diagram
2	Transmission test	Diagram	Capacitor B	Symbol of Diagram
3	Dependency[Transmissi...	Dependency	Capacitor B	Supplier of Dependency
4	Generalization[Wheel Sy...	Generalization	Capacitor B	General of Generalization
5	Wheel system capacitor : ...	Part Property	Capacitor B	Type of Part Property

Related pages

- [Global element usage indexing and search](#)
- [Creating indexing configurations](#)