

# 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:

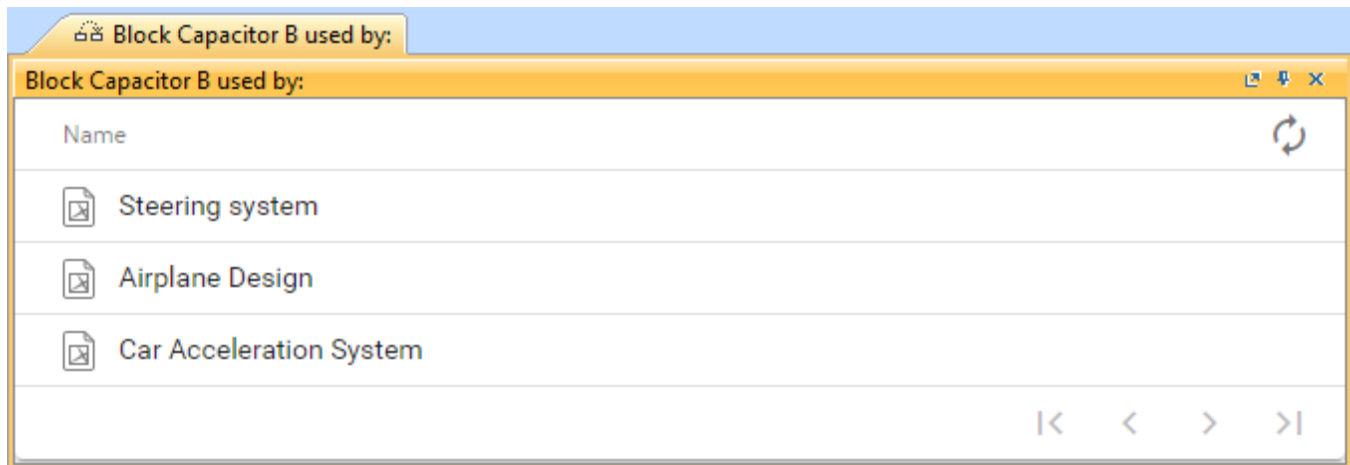
- You can investigate element usages only in projects that have been [indexed](#).
- Your web application platform URL must be entered in the [environment options](#). If this URL is not added to the environment options, once you select **Related Elements > Used by in Server**, the **Related Elements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

To find element usages

- Do one of the following:

- In the [Containment tab](#) or diagram pane, right-click an element and select **Related Elements > Search in Server > Used by in Server**. Choose this option if you want to search solely for the usages of the element.
- In the [Containment tab](#) or diagram pane, right-click an element and select **Related Elements > Search in Server > Used by in Server Recursively**. Choose this option if you want to search for the usages of both the element and all of the elements that are owned by it.

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.

Block Capacitor B used by:

Block Capacitor B used by:

Some usages cannot be displayed because you do not have sufficient permissions to view them.

Name

Steering system

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.

Block Capacitor B used by:

Block Capacitor B used by:

< Steering system











Branch	Version	
<div><div></div>Feature</div>	#10	<div></div>
<div><div></div>trunk</div>	#15	<div></div>
<div><div></div>Development</div>	#13	<div></div>
<div><div></div>Beta version</div>	#16	<div></div>

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:

Block Capacitor B used by:				
Steering system / trunk				
#	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](#)