


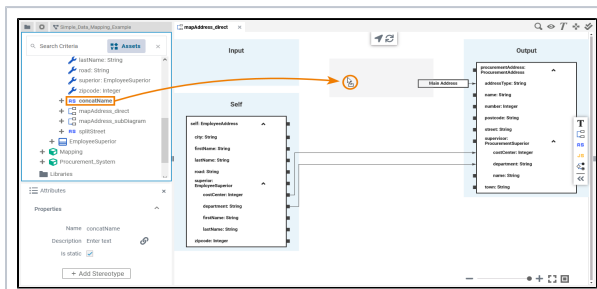
# Adding Operations to Mapping Relations

In cases the target and the source type do not match, or you want to perform some other transformation with the mapping, you can add operations to mapping relations.




If an input pin of an operation does not receive a value (either a literal or via a relation), the Compiler will not include the operation in the compiled service. Please note that you can assign a literal only to **input** pins, but not to target pins.

## Adding Operations to a Mapping Diagram



Drag out the needed operation from the service panel to the mapping operation area - the grey section in the middle of the mapping editor.



You can do this with any operation: Operations from your data

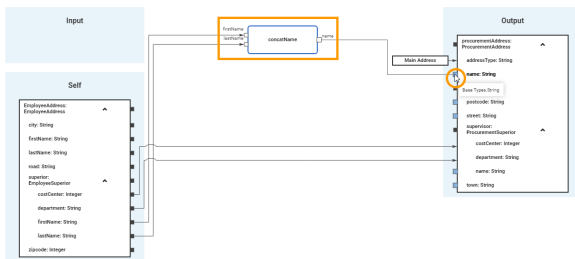
### On this Page:

- [Adding Operations to a Mapping Diagram](#)
  - [Adding Suboperations](#)
- [Deleting Operations from the Mapping Diagram](#)

### Related Pages:

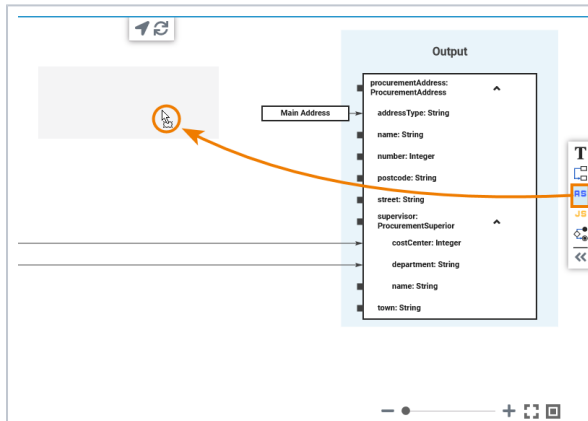
- [Working with the Mapping Editor](#)
  - [Drawing Mapping Relations](#)
  - [Assigning a Literal Value to a Mapping Target](#)
  - [Adding Parameters in the Mapping Editor](#)

model or the Base Types, as well as operations from imported libraries or connectors.



Once you have added the operation to the mapping diagram, you can connect the source and target properties to the operation pins.

## Adding Suboperations

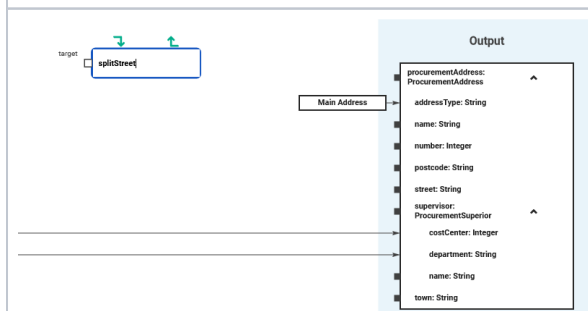


If you want to create a new suboperation, you can click the corresponding operation icon and drag it to the grey operation box. You can create the following types of operations as suboperations directly from the diagram toolbar:

- Mapping operations (for sub-mappings)
- [Action Script operations](#)
- [JavaScript operations](#)
- [Activity operation](#)

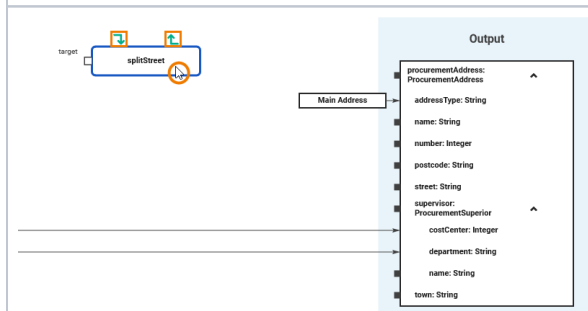
The example on the left shows how to create an action script operation as a suboperation.

**i** When you create a new suboperation by dragging it to the elements toolbar, it inherits by default the **Static** attribute of the mapping diagram it is dragged to. If necessary, you can [change this attribute in the Attributes pane](#).



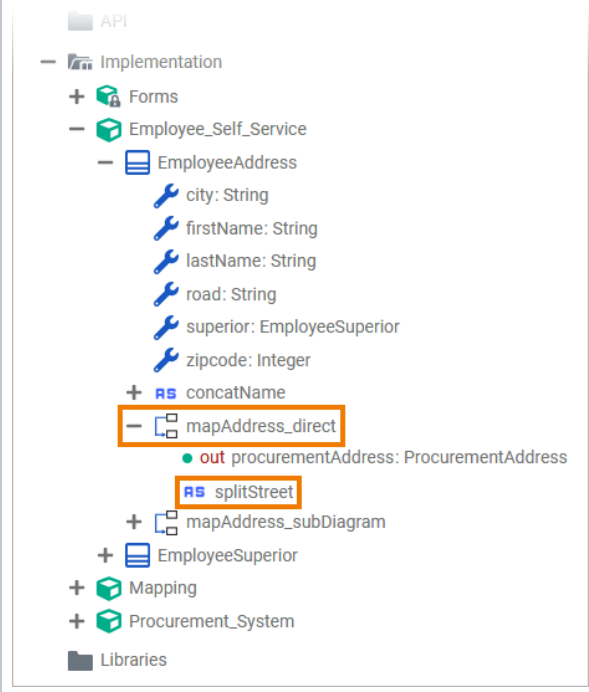
The new suboperation is now displayed in the mapping diagram. You can enter its name directly into the element.

**i** You can also change the name of an operation already used in the diagram by double-clicking the element.



You can [create parameters directly in the Mapping Editor](#) using two icons above the suboperation. They appear when you hover over it with the mouse.

You can also [create parameters via the service panel](#).

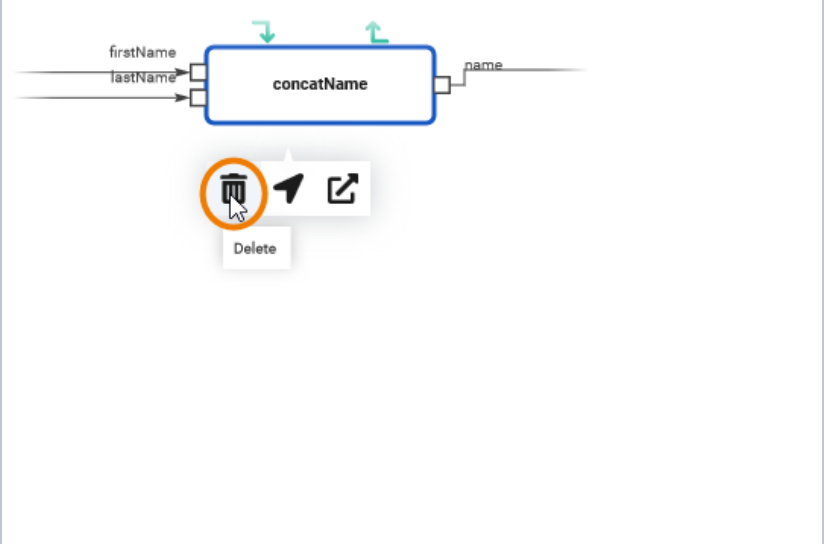

	<p>The newly created operation is also displayed as suboperat mapping operation to which it was added in the <b>Implement</b> folder of the service panel.</p>
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## Deleting Operations from the Mapping Diagram

Operations and suboperations can be deleted from the mapping diagram.



The operation will be deleted from the mapping diagram only. The corresponding operation in the service panel remains in the implementation folder and must be deleted there if desired.

	<p>Right click on the mapping element to open the context menu and click <b>Delete</b> .</p> <p>You can also select the element and use the <b>Del</b> key on your keyboard.</p>
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