


# Libraries

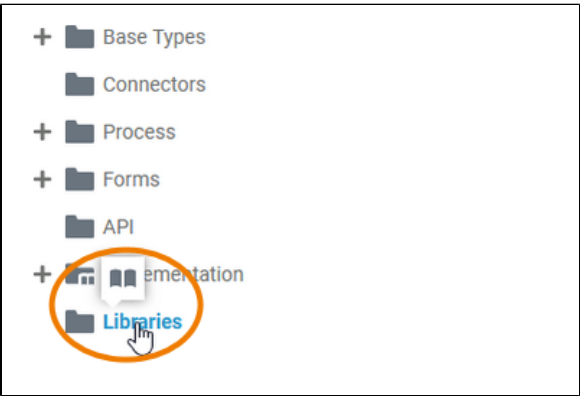
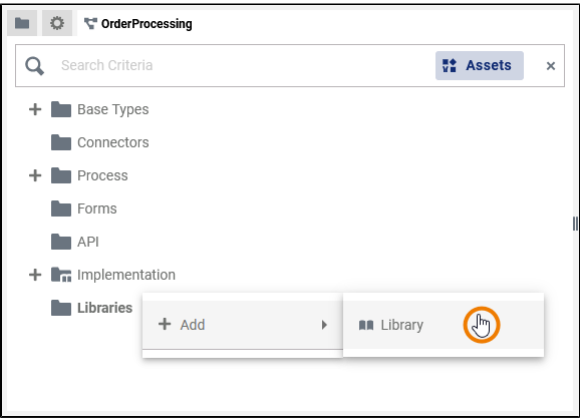
Libraries help you to make your BPMN process executable. They contain predefined classes, interfaces, operations and parameters you can use during modeling by simple drag & drop. You can upload your libraries in the [Designer administration](#). The **Libraries** folder in the service panel gives you access to all the libraries available in the current namespace. If you create a new [service](#) in the Explorer, it automatically contains a **Libraries** folder in the [service panel](#).

 Go to chapter [Working With Libraries](#) for detailed information about the concept of libraries and their usage in **Scheer PAS Designer**.

On this Page:

- Libraries Folder Options
  - Managing Libraries

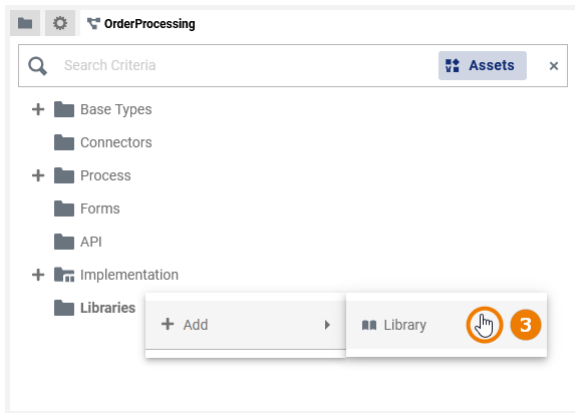
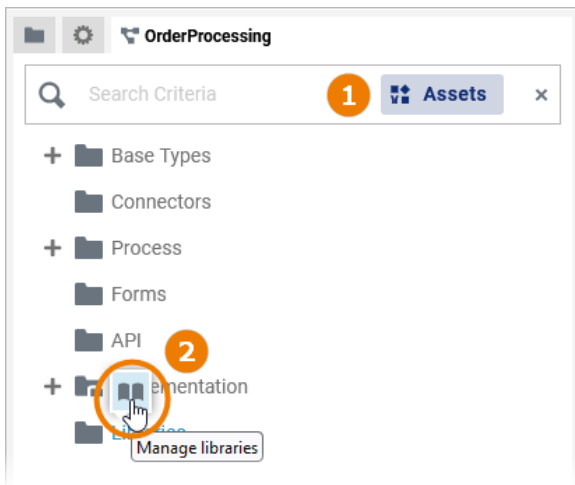
## Libraries Folder Options

	<p>If you hover over the <b>Libraries</b> folder, a quick action icon is displayed:</p> <ul style="list-style-type: none"><li><a href="#">Manage libraries</a></li></ul>
	<p>Right click a <b>Libraries</b> folder to open its context menu.</p> <p>The context menu displays all options available for the <b>Libraries</b> folder:</p> <ul style="list-style-type: none"><li><a href="#">Add Library</a></li></ul>

Related Pages:

- [Service Panel](#)
  - [Managing the Service Details](#)
  - [Base Types](#)
  - [Connectors](#)
  - [Single Connector](#)
  - [Process](#)
  - [BPMN Model](#)
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- [Working With Libraries](#)
- [PAS Designer Administration](#)
  - [Administering Libraries](#)

## Managing Libraries



You have three options to add libraries to a service:

1. Use button **Assets** in the search box of the Service panel to open the **Asset Drawer**. Refer to [Adding Assets](#) for a detailed description on how to add libraries via the Asset Drawer.
2. Hover over the **Libraries** folder in the service panel and click icon **Manage Libraries**.
3. Open the context menu of the **Libraries** folder.

## Manage Libraries

### Unused Libraries

StockInterface	^
Versions:	
• 1.0.0	▼ 📄 +
• 2.0.0	▼ 📄 +
CustomerAddress_Lib	▼
ERPOrderInterface	▼
Logging_Lib	▼
SendMail	▼

### Used Libraries

There are no used libraries.

The dialog **Manage Libraries** opens.

All libraries that have been uploaded to the current namespace are shown in this dialog:

- Currently unused libraries are displayed on the left side of the window.
- The libraries that are already used in this service are shown on the right side.

Expand the drop-down lists to display the details of each library such as versions and dependencies.

## Manage Libraries

### Unused Libraries

StockInterface	^
Versions:	
• 1.0.0	▼ 📄 +
• 2.0.0	▼ 📄 +
CustomerAddress_Lib	▼
ERPOrderInterface	▼
Logging_Lib	▼
SendMail	▼

### Used Libraries

There are no used libraries.

To add an unused library to the project, click **Add library** +.

## Manage Libraries

### Unused Libraries

CustomerAddress_Lib	▼
ERPOrderInterface	▼
Logging_Lib	▼
SendMail	▼
Logging_Lib	▼
OpenAllLibraryWIP	▼

### Used Libraries

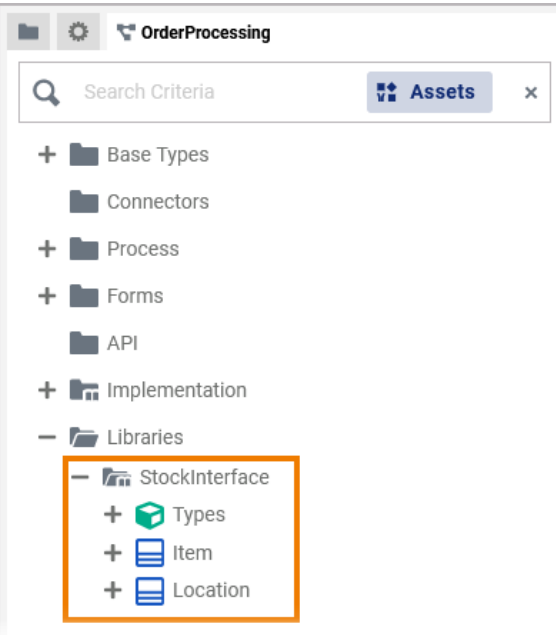


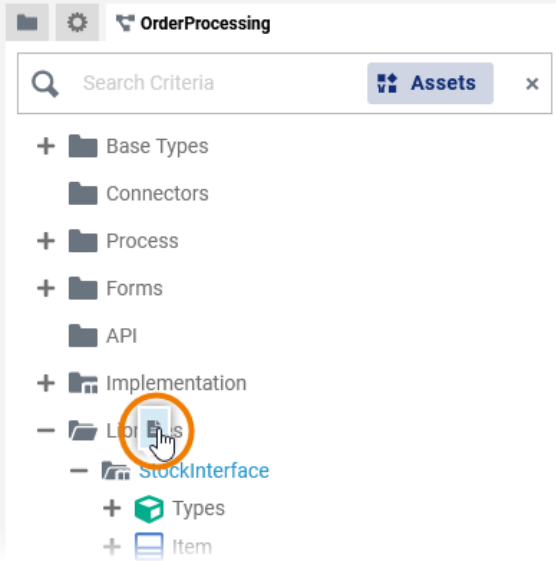
StockInterface (2.0.0)	^ x
Dependencies:	
There are no dependencies for this library version.	
All versions:	
• 1.0.0	▼ 📄 ↺
• 2.0.0 (Current Version)	▼ 📄

Save

Cancel

The library is now displayed in the column **Used Libraries**.

If you have finished, click **Save** to persist your changes.

	<p>The added library is now displayed in the service panel and you can use it during modeling.</p>
	<p>Use option <b>Documentation</b>  to display the documentation of a library.</p> <p>You can find it in the <b>Manage Libraries</b> dialog...</p>
	<p>... as well as in the service panel when you hover over a library.</p>

StockInterface

This library provides an interface to the stock system. You can get

- all stocked items of a location
- all locations where an item is stocked
- the overall quantity of an item on stock (all locations)

StockInterface

Class

Item

This class comprises all operations related to a stock item. You can get locations where this item is stocked, as well as quantities per stock location and the overall quantity available of this item.

getLocations

Returns all locations where a given item (itemId) is on stock.

Parameter	Type	Description
in itemId	String	Provide an ID of an item you want to get the stock locations of.
return return	String	A list of stock location IDs where the given item (itemId) is on stock.

getLocationsAndQuantity

Returns all locations where a given item (itemId) is on stock, as well as the quantity.

If documentation is available, it will be opened in a new browser tab.

This allows developers to access library documentation at any time during the development process.

Used Libraries

✓

✓

✓

✓

✓

StockInterface (2.0.0) 

✓✕

You can also remove libraries from the service.

Open the dialog **Manage Libraries** again and click the ✕ icon.

The library will switch back to the **Unused Libraries** column.



If one or more elements of the library are still used in th

service, a corresponding warning message appears. The library is not removed in this case.



Go to page [Adding Libraries](#) for detailed information on how to update a library and how to use different library versions.