

Tutorial 2 Preparations

With the Designer, you can build and use your own libraries. Since this is a tutorial for beginners, we provide a pre-built library for creating the tutorial service.

Good to Know

Sometimes service models can become really big if you put all implementations into one big main model. The drawbacks are obvious: the bigger the model becomes, the longer it will take to load or compile the model. Additionally, if multiple modelers are working on the service, the Designer may slow down.

One solution is to use **Libraries** in this case (the other one is to build multiple smaller services). Using libraries, you can split your service implementation into smaller chunks that can be worked on independently. These chunks can be reused in multiple services and tested separately. Libraries also speed up collaborative development because you can share your libraries with other developers.

If you want to learn more about the concept of libraries, refer to the chapters [Working With Libraries](#) and [Developing and Using Libraries](#) in the Designer guide.



Step 1: Adding Execution to Handle the Form Data

On this Page:

- [Import the Library "ERPOrderInterface"](#)

Import the Library "ERPOrderInterface"

Library **ERPOrderInterface** provides necessary data types and operations to bring your business process to life. You can [download this library](#) from our documentation, and import it to your namespace.

Related Documentation:

- [Scheer PAS | Designer Guide](#)
 - [Administrating Libraries](#)
 - [Adding Libraries](#)
 - [Service Panel](#)
 - [Implementing Your Process](#)

Designer_Tutorial_1_david.stringer

System Configuration

Look and Feel

Reports

Logging

Backup and Restore

Libraries

Select Namespace

ACME Corp.

PAS Examples

David's Services

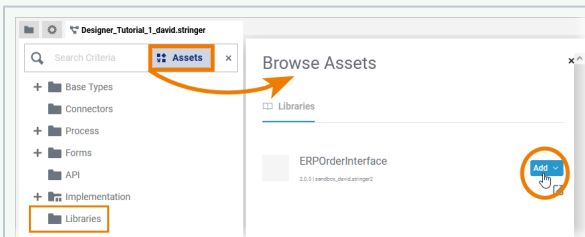
Libraries

Upload

Switch to the Administration tab, and select menu **Libraries**.

1. Import the library to your namespace as described on [Administering Libraries](#) in the Designer guide.
2. Add it to your service as described on [Adding Libraries](#) in the Designer guide.

✔ If you are doing a trial, the library is already present in your namespace. You only need to add the library to your service (step 2).



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Use the **Add** button of **ERP Order Interface** to add the library to folder **Libraries** in the **Service Panel**.

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Designer_Tutorial_1_david.stringer

Search Criteria

Assets

+ Base Types

Connectors

+ Process

+ Forms

API

+ Implementation

- Libraries

- ERPOrderInterface

- ERP

+ ERPOrder

+ Item

+ ApprovalMessage

- Shop

+ WebShopOrder

+ ItemWeb

Your service panel now should display library ERPOrderInterface in the **Libraries** folder.

Additionally, library **Base Types** is displayed in the service panel. This is a standard library that contains all necessary simple types. You cannot remove this library.

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Search Criteria Assets

+ Base Types

Connectors

+ Process

+ Forms

API

- Implementation

- Forms

+ Form_CheckOrder

+ Form_EndApproved

+ Form_EndRejected

- Form_EnterWebOrder

buttonOK: Boolean

item: String

price: String

quantity: String

vendorID: String

vendorName: String

Order_approval_1_Overview

+ Libraries

The folder **Implementation** contains a package **Forms** which is generated automatically. It contains all types that are related to the forms you have created.

Expand class **Form_EnterWebOrder** to see all form elements you have defined in your first form.