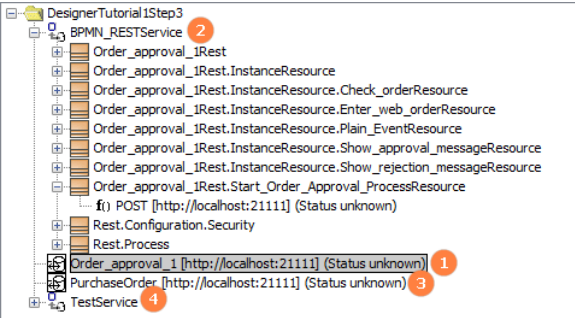


Connecting to an xUML Service

After having imported the service description, all service resources are listed in the asynchronous (lower) part of the Trace Analyzer.



You can find the following:

1. A state machine for each BPMN process that is part of the service.
2. A list of rest resources that describe service interfaces.
3. and 4. State machines and resources that are part of libraries being used in the imported service.

On this Page:

- [Service Resources Overview](#)
- [Configuring the Connection Properties](#)
 - [Service Locations](#)
 - [Trace Settings](#)
- [Start Tracing](#)
- [Stop Tracing](#)







Related Pages:

- [How BPMN Elements Are Generated to xUML](#)

Service Resources Overview

An xUML service that has been compiled with the Designer contains some standard elements (see list below). Depending on what you want to inspect, you need to connect to a different element of the service. Find below a table listing all available resources from an xUML service.

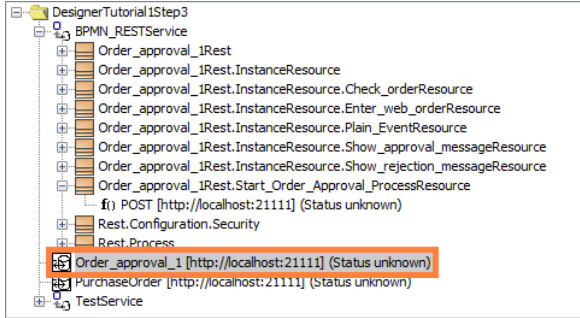
Type	Description	Inspection Possibilities	Example
------	-------------	--------------------------	---------

	State Machine	State machine that represents the states of the BPMN process.	<ul style="list-style-type: none"> process run in general 	Order_approval_1
	Service	Group of REST resources provided by the xUML service.		BPMN_RESTService
	REST Resource	REST resource that is available within the service (top node). Resources are generated for: <ul style="list-style-type: none"> the service in general startup activities GET and POST of forms events (plain, timer, message) 		Order_approval_1Rest. Start_Order_Approval_ProcessResource
	Operation	Operation that can be used to access the REST resource.	Depending on the resource: <ul style="list-style-type: none"> REST interface of the service in general startup activities GET and POST of forms events 	POST

Refer to [How BPMN Elements Are Generated to xUML](#) for hints which element to inspect for what use case.

Configuring the Connection Properties

You need to connect each resource/operation you want to inspect to the deployed service, and enable trace (see list of elements above).



Select the element you want to inspect. Refer to [How BPMN Elements Are Generated to xUML](#) for hints which element to inspect for what use case.

Locations ¹

Service: ☐ http://localhost:21111

Custom: ☐

Use OAuth2

User:

Password:

Bridge: ☐

Protocol:

Host:

Port:

Path Prefix:

User:

Password:

Delete All Traces

Trace Settings Stored on xUML Service ²

Classifier:

Trace Level:

Max. Size (MB):

Inspection List

Status:

Read

Enable Trace / Apply

Disable Trace

Available Traces on xUML Service

First Entry

Last Entry

id

Show Available Traces

Get Trace

The content pane on the right displays the trace settings and actions for the selected element. The upper part of the content pane displays the configuration details:

- the service locations
- the trace settings



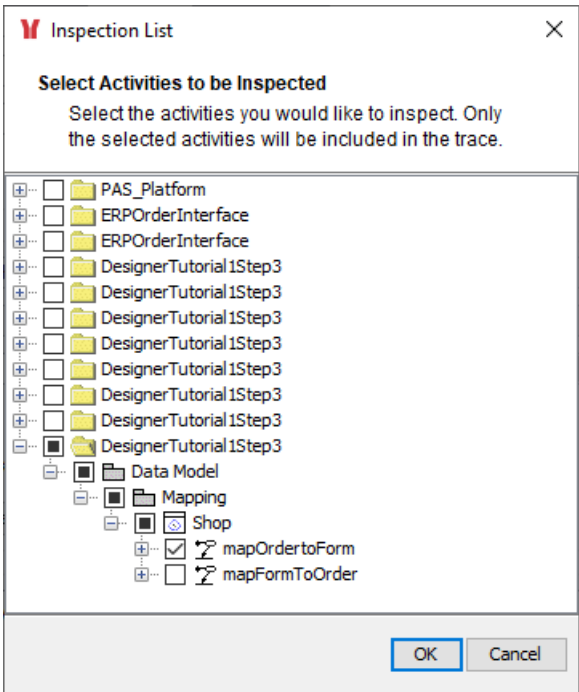
Service Locations

You have three configuration possibilities, depending on where your service is running.

Location	Description	Example
Service	Use this to connect to a service that is running locally, and where you do not need to authenticate.	
Custom	Use this to connect to a custom service deployment, e.g. a containerized xUML service.	
	URL	Specify the URL to the service as e. g. defined with API Management. <code>https://acme.saas.pas-cloud.com/.../designertutorialstep3/latest</code>
	Use OAuth2	Check to be able to provide credentials for your connection.
	User /Password	Provide a valid user and password to connect to the service.
Bridge	Use this to connect to a service running on an Integration (Bridge).	
	Protocol	Specify the protocol for connecting to the Integration (Bridge). <code>https</code>
	Host	Specify the host the Integration (Bridge) is running on. <code>acme.saas.pas-cloud.com</code>
	Port	Specify a port (if needed). <code>443</code>
	Path Prefix	Specify your PAS client as a path prefix, trailed by /bridge . <code>pas/bridge</code>
	User /Password	Provide a valid Integration (Bridge) user and password to connect to the service.

Trace Settings

You can configure the tracing process itself using the following settings:

Setting	Description	Possible Values / Examples	
Trace Level	Specify the trace level: truncated or full.	Truncated	<p>Collect limited tracing information from the service (default):</p> <ul style="list-style-type: none"> Strings are truncated after 255 characters. For arrays only the first and last element is collected. <div>  This option is useful for services with high data load. </div>
		Full	<p>Collect a full trace, means all runtime values without limitations.</p> <div>  This may result in a large amount of storage capacity being used. </div>
Max. Size (MB)	Limit the size of the trace being collected to a certain amount of disc space.	10	The default is 10 MB.
Inspection List	Limit the amount of data collected by selecting only certain parts of the execution path that should be traced.		

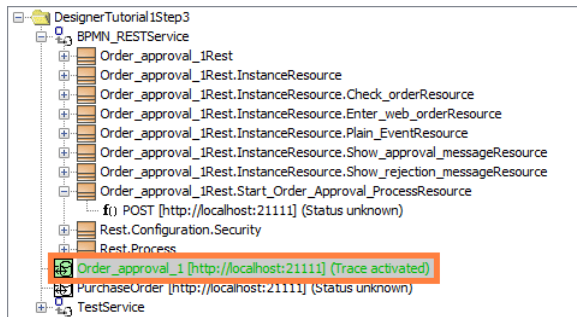
Start Tracing

Once you have configured the service location and the trace settings as required, you can activate the tracing by clicking **Enable Trace / Apply**.



Also use this button after you have changed some of the configurations and want to apply the changes.

The Trace Analyzer displays trace being active on the selected element by highlighting it with green color.



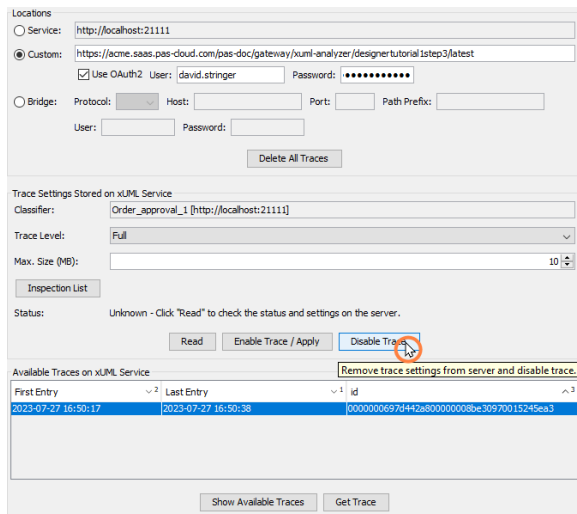
Be aware of the fact, that trace is now enabled **on the service**. Even if you close the Analyzer now, trace is still running on the service, data being collected, and stored to the service context.

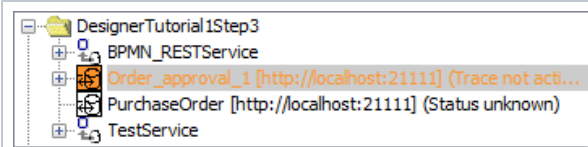
Keeping trace running on multiple services may lead to file storage issues on your server.

Click **Disable Trace** (see [Stop Tracing](#) below) to stop tracing the service.

Stop Tracing

After you are done with tracing, disable trace by clicking **Disable Trace**.



	<p>The Trace Analyzer displays trace being not activated on the selected element by highlighting it with orange color.</p>
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