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.

part of the Trace Analyzer.		On this Page:
DesignerTutorial IStep3 DesignerTutorial IStep3 Order_approval_IRest Order_approval_IRest.InstanceResource Order_approval_IRest.InstanceResource.Enter_web_orderResource Order_approval_IRest.InstanceResource.Flain_EventResource Order_approval_IRest.InstanceResource.Plain_EventResource Order_approval_IRest.InstanceResource.Show_approval_messageResource Order_approval_IRest.InstanceResource.Show_approval_messageResource Order_approval_IRest.InstanceResource.Show_rejection_messageResource Order_approval_IRest.InstanceResource.Show_rejection_messageResource Order_approval_IRest.Start_Order_Approval_ProcessResource fi) POST[http://localhost:21111] (Status unknown) Rest.Process PurchaseOrder_Inttp://localhost:21111] (Status unknown]	You can find the following: 1. A state mac hine for each BPM N	 Service Resources Overview Configuring the Connection Properties Service Locations Trace Settings Start Tracing Stop Tracing
Efg PurchaseOrder_[http://localhost:21111] (Status unknown) 3 ⊡- 43 TestService 4	proc ess that is part of the servi ce.	Related Pages: • How BPMN Elements Are Generated to xUML
	2. A list of rest reso urce s that desc ribe servi	
	ce interf aces. 3. and 4 State mac hines and reso urce	
	s that are part of librar ies bein g	
	used in the impo rted servi ce.	

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.

Туре	Description	Inspection Possibilities	Example
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Ð	State	State Machine		State machine that represents the states of the BPMN process.	 process run in general 	Order_approval_1
0 10	Service			Group of REST resources provided by the xUML service.	8	BPMN_RESTService
		REST Resour ce		REST resource that is available within the service (top node). Resources are generated for: • the service in general • startup activities • GET and POST of forms • events (plain, timer, message)	8	Order_approval_1Rest. Start_Order_Approval_Pr ocessResource
		f ()	Op era tion	Operation that can be used to access the REST resource.	Depending on the resource: • 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).

DesignerTutorial IStep3 DesignerTutorial IStep3 Order_approval_IRest Order_approval_IRest.InstanceResource Order_approval_IRest.InstanceResource.Check_orderResource Order_approval_IRest.InstanceResource.Plain_EventResource Order_approval_IRest.InstanceResource.Show_rejection_messageResource Description_off_approval_IRest.InstanceResource.Show_rejection_messageResource Description_approval_IRest.InstanceResource.Show_rejection_messageResource Description_approval_IRest.InstanceResource.Show_rejection_messageResource Description_approval_IRest.InstanceResource.Show_rejection_messageResource Description_approval_IRest.InstanceResource.Show_rejection_messageResource Description_approval_IRest.InstanceResource.Show_rejection_messageResource Description_approval_IRest.InstanceResource.Show_rejection_messageResource Description_InstanceResource.Show_rejection_messageResource Description_InstanceResource.Show_rejection_messageResource Description_InstanceResource.InstanceResource.Show_rejection_messageResource Description_InstanceResource.InstanceResource.Show_rejection_messageResource	Select the element you want to inspect. Refer to H ow BPMN Elements Are Generate d to xUML for hints which element to inspect for what use case.
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O Custom:	e://localhost:21111 Use OAuth2 User: Password: Port: Path Prefix: r: Password: Delete All Traces	The content pane on the right displays the trace settings
Trace Settings Stor Classifier: Trace Level: Max. Size (HD): Impection List Status: Available Traces on First Entry	ed on xUML Service 2 Truncated Unknown - Click Tread" to check the status and settings on the server. Read Enable Trace / Apply Disable Trace xUML Service 2 Last Entry 1 d 3 5how Available Traces Get Trace	and actions for the selected element The upper part of the content pane displays the configur on detai 1. the ser ce loca ons 2. the trace

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	M Use this to connect to a custom service deployment, e.g. a containerized xUML s			
	URL	Specify the URL to the service as e. g. defined with API Management.	https://acme.saas.pas-cloud. com//designertutorial1step3 /latest	
	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).	https	
	Host	Specify the host the Integration (Bridge) is running on.	acme.saas.pas-cloud.com	
	Port	Specify a port (if needed).	443	
	Path Prefix	Specify your PAS client as a path prefix, trailed by /bridge .	pas/bridge	
	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		ossible Values / xamples
Trace Level	Specify the trace level: truncated or full.	T r u c a t ed	Collect limited tracing information from the service (default): • Strings are truncated after 255 characters. • For arrays only the first and last element is collected. • This option is useful for services with high data load.
		Full	Collect a full trace, means all runtime values without limitations. This may result in a large amount of storage capacity being used.
Max. Size (MB)	Limit the size of the trace being collected to a certain amount of disc space.	10	The default is 10 MB.
Inspectio n List	Limit the amount of data collected by selecting only certain parts of the execution path that should be traced.		
	 Inspection List × Select Activities to be Inspected Select the activities you would like to inspect. Only the selected activities will be included in the trace. PAS_Platform PAS_Platform ERPOrderInterface DesignerTutorial1Step3 Mapping Mapping<!--</td--><td></td><td></td>		
	OK Cancel		

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.

Locations					
○ Service:	http://iocalhost:21111				
Custom:	https://acme.saas.pas-doud.com/pas-doc/gateway/xuml-analyzer/designertutorial1step3/latest				
	Use OAuth2 User: david.stringer Password:				
O Bridge:	Protocol: Vent: Port: Path Prefix:				
	User: Password:				
	Delete All Traces				
Trace Setting	s Stored on xUML Service				
Classifier:	Order_approval_1 [http://ocalhost:21111]				
Trace Level:	Full				
Max. Size (M	B): 10 ≑				
Inspection	n List				
Status:	Unknown - Click "Read" to check the status and settings on the server.				
	Read Enable Trace / Apply Disable Trac				
Available Trac	tes on xUML Service Remove trace settings from server and disable trace.				
First Entry	√ ² Last Entry				
2023-07-27 1	6:50:17 2023-07-27 16:50:38 0000000697d442a800000008be30970015245ea3				
	Show Available Traces Get Trace				

□ Order_approval_1 [http://ocalhost:21111] (Trace not acti □ □	The Trace Analyze r displays trace being not activate d on the selected element by highlight ing it with orange color.
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