

_admin_portal_excerpts_big

cron_pattern



Used on:

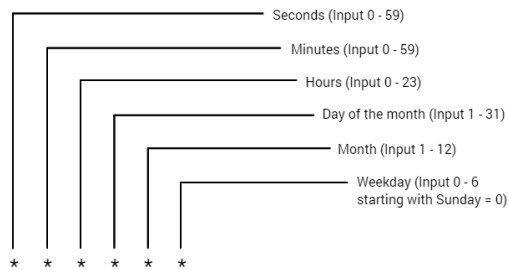
- [Admin Guide: Creating a Cron Job](#)
- [Admin Guide: Editing a Cron Job](#)
- [BPaaS Admin Guide: Creating a Cron Job](#)
- [BPaaS Admin Guide: Editing a Cron Job](#)

Pattern

You can enter a six-digit pattern. If you use only five digits, the seconds are omitted. The pattern defines the schedule of the job. Using the correct pattern, you can determine whether the job should be executed at fixed times, dates, or intervals.

Formatting of the Pattern:

- Separate the individual digits by spaces.
- You can use * as a wildcard.
- The following order applies to the input:



Frequently Used Patterns

- Every minute: *** * * * ***
- Every second: *** * * * ***
- Every midnight: **0 0 * * ***
- All 15 seconds, but only on sundays: ***/15 * * * * 0**
- Every minute between 17:30 and 17:45: **30-45 17 * * ***
- Mondays to fridays at 01:20 and 01:30: **20,30 1 * * 1-5**

On this Page:

- [cron_pattern](#)
- [edit_translations](#)
- [history_log](#)
- [kubernetes_tab](#)
- [kubernetes_tab_pod](#)
- [kubernetes_tab_networking](#)
- [pas_nestjs_configuration](#)
- [portal_login_forgot_password](#)
- [portal_logout](#)
- [standard_admin_profiles](#)
- [standard_user_profiles](#)
- [xuml_service_add_on_settings_sql_adapter_connection DEPRECATED](#)
- [xuml_service_add_on_settings_other](#)
- [xuml_service_deletion](#)
- [xuml_service_documentation](#)
- [xuml_service_endpoints](#)
- [xuml_service_settings DEPRECATED](#)

edit_translations



Used on:

- [Managing Profiles](#)
- [Adding a Profile](#)
- [Editing a Profile](#)
- [Managing Roles](#)
- [Adding a Role](#)
- [Editing a Role](#)

Translations EDIT TRANSLATIONS	Use window Translations to insert the display name in different languages.
Translations German English French	Clicking button Edit Translations will show the fields German, English and French. The names inserted in those fields will be shown in BPaaS according to the language selected for the user interface.

history_log

Used on: - Showing Logs of a Containerized xUML Service - Showing Logs of a Containerized xUML Service Kubernetes
--

Details of ticketsystem ← running ▶ ■ ↺ Information Details Documentation Logs History Log Persistent State	The administration application gives you access to the history of a containerized xUML service (BPaaS 24.0). To access the service history, open the details page of the service and go to section History Log.
--	---

History Log

Filter

Date	User	Action
28/02/2024 13:42	jane.marple	Restart instance
13:41	jerry.cotton	AO_SRV_BPMN_RETSERVICE_MAXREQUESTHEADERSIZE changed from 8 to 10
13:40	jane.marple	The following settings have been changed: - G_SIMPLE_FORM_EXAMPLE_AUTORETRY changed from false to true - AO_SETTINGS_DEFAULTCONNECTIONPOOLSIZE changed from 10 to 11
13:39	jerry.cotton	Stop instance
13:33	jane.marple	Start instance
13:33	jane.marple	Service created (1.0)

Items 10 1 - 6 / 6

In the **History Log** section you can inspect the service history. The log shows all actions of the xUML service (creation, start, stop etc.) including setting changes.

The content of the history log is read-only.

Filter maxi

Date	User	Action
28/02/2024 13:41	jerry.cotton	AO_SRV_BPMN_RETSERVICE <u>MAX</u> REQUESTHEADERSIZE changed from 8 to 10

Use the filter field to search for a specific entry.

The content of the filter field is applied to the column **Action** only.

Filter

Action (config-change)

deploy

stop

restart

start

config-change

Reset Selection

Date	User	Action
13:40	jane.marple	

Click **Extended filter** to display the extended filter options:

- **Action**
- **User**

If a filter is applied, the extended filter changes to .

Both extended filter options are loaded dynamically:

• Option Action only lists actions that have already been executed in the service.

- **O**ption **U**sers only list users who have already performed a transaction in the service.

In the main filter window, you can reset all selected filters. Click **Reset Filter**.

In the filter option window, you can also reset the selection.

kubernetes_tab

Used on:

- Controlling Kubernetes Workloads
- Controlling Containerized xUML Services Kubernetes

On top of the **Kubernetes** section, you find the information about

- API Version:** Defines the versioned schema of this representation of a Kubernetes workload.

	• Labels: Map of string keys and values that can be used to organize and categorize (scope and select) workloads. • Annotations: Unstructured key value map stored with a resource that may be set by external tools to store and retrieve arbitrary metadata. Click Show all to display all available labels or annotations.
Pod Networking General	Below this information, you can find the two tabs Pod and Networking.

kubernetes_tab_pod



Used on:

- [Controlling Kubernetes Workloads](#)
- [Controlling Containerized xUML Services Kubernetes](#)

Tab **Pod** contains the sections **General** and **Container**. The information displayed in the two sections is read-only.

Pod - General

PodNetworking

General

Name: latest

Type: deployment

Scaling: 1 Apply

Replicas: ☐

Additional Labels: platform.scheer-pas.com/platform: rc
scheer-pas.com/platform: rc

Section **General** contains common information about the Pod:

N a m e	Version name of the Pod.								
T y p e	Shows the internal type of the replication controller.								
S c a l i n g	If available, you can adapt the number of Pod replicas (see below).								
R e p l i c a s	Shows the number of Pod replicas. <table><tr><th>Icon Color</th><th>Status</th></tr><tr><td>Green</td><td>Running</td></tr><tr><td>Orange</td><td>Starting</td></tr><tr><td>Red</td><td>Not running /erroneous</td></tr></table>	Icon Color	Status	Green	Running	Orange	Starting	Red	Not running /erroneous
Icon Color	Status								
Green	Running								
Orange	Starting								
Red	Not running /erroneous								
A d d i t i o n a l L a b e l s	Shows additional Pod labels if set.								

Type: deployment

Scaling: 2 Apply

Replicas: ☐

Scaling the Number of Replicas

Move the position of the slider to the desired number of replicas you want to set.

Click **Apply**.

Scale Pod Are you really sure you want to scale the pod? Replicas before: 1 Replicas after: 2 Cancel Scale 	A pop-up window opens displaying the number of replicas before and after the change. Click Scale to confirm your choice or Cancel to abort.
Scaling:  2 Apply Replicas:  	The new number of replicas is displayed after a refresh of the browser tab.

Pod - Container

Container

activity-service

fluentd

Name: activity-service

activity-service

fluentd

Name: activity-service

Image: registry.gitlab.scheer-group.com/pas/platform/services/activity-service:rc

Ports and Volumes

Memory and CPU

	Resource	Limits	Requests
	Memory	1Gi	64Mi
	CPU	500m	100m

Section **Container** consists of several tabs, one tab for each container.

The content of the tabs is the same for all containers and displays the container details:

N a m e	Name of the container.
I m a g e	Image of the container.
P o r t s a n d V o l u m e s	See below.

Memory and CPU

Shows the container limitations. If a container exceeds its memory request and the node that it runs on becomes short of memory overall, it is likely that the Pod the container belongs to will be evicted.

Limitations cannot be changed by users. They are set during system deployment

	Limits	Requests
Memory	If the memory limit is exceeded, the container will run in state OutOfMemory and then be killed.	If a container exceeds its memory request and the node that it runs on becomes short of memory overall, it is likely that the Pod the container belongs to will be evicted .
CPU	If the CPU limit is exceeded, the container will be throttled, the process will slow down.	If the CPU memory request exceeds the nodes (server) capacity, the Pod can be stopped and started on a different node.



Visit the [official Kubernetes documentation](#) for more information:

- [Resource Management for Pods and Containers](#) for detailed information about requests and limits.
- [Scheduling, Preemption and Eviction](#) about the rules regarding the termination of pods.

Details of Container

Ports

Filter ×

Name	Port	Protocol
app	4112	TCP

Volumes

Filter ×

Name	Mount Path	Read Only
config	/usr/src/app/config/local	true
logs	/usr/src/app/logs/	

Cancel

If you click the link **Ports and Volumes** , the container details open in a separate pop-up.

- **Ports:** Displays a list of all ports exposed in the internal network.
- **Volumes:** Lists all mounted volumes.

Use the filter on top of each list to search for single ports or volumes.

kubernetes_tab_networking

Used on:

- [Controlling Kubernetes Workloads](#)
- [Controlling Containerized xUML Services Kubernetes](#)

Pod

Networking

Filter ×

Name	Port	Protocol
app	8080	TCP

Tab **Netw orking** gives you an overview on the details of the service mesh.

Use the filter to search for a port name.

pas_nestjs_configuration

Used on:

- [Adapting Docker Container Configuration](#)
- [Adapting Workload Configuration](#)

The main configuration options are displayed. You can also use the links in the **Configuration** tree on the left side to navigate.

Click one of the objects to open further details.

Each page indicates the **Type** of the object and - if the developer of the service has provided it - a **Description**.

Nested configuration options like complex data objects or groups are displayed as link.

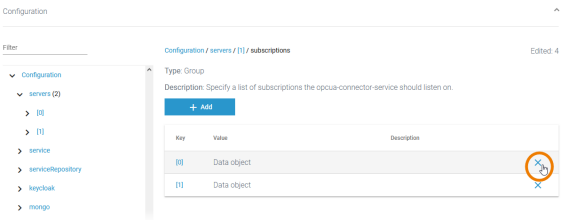
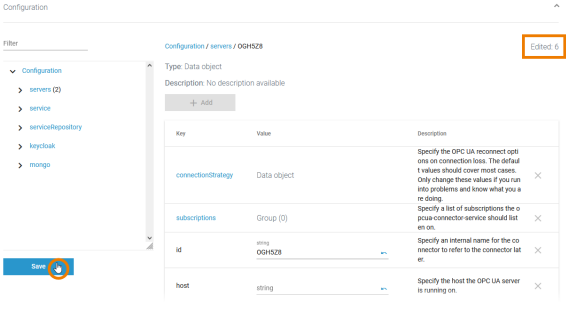
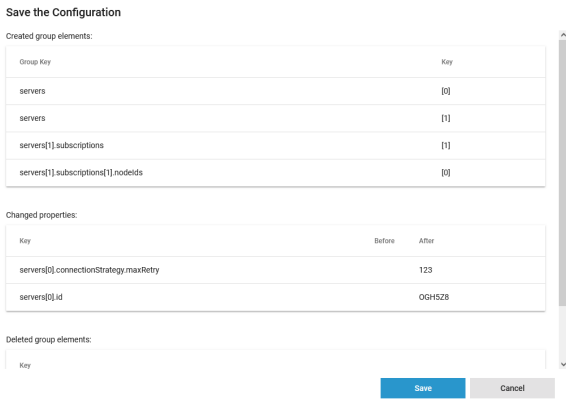
Click a data object to access the object details...

... or use the input fields to change the configuration.

To navigate within the configuration, use the links in the sidebar or the breadcrumb navigation on top.

Use option **Add** to create a new data object...

... or open an existing one to access the configuration details.

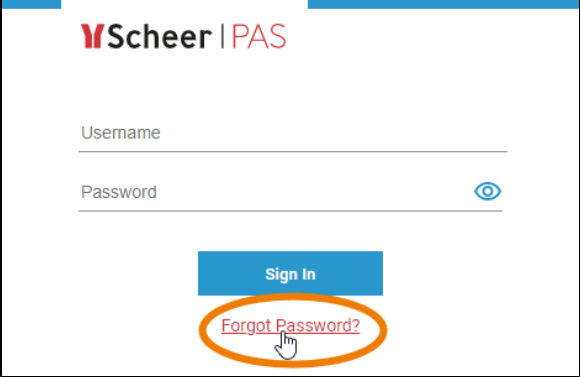
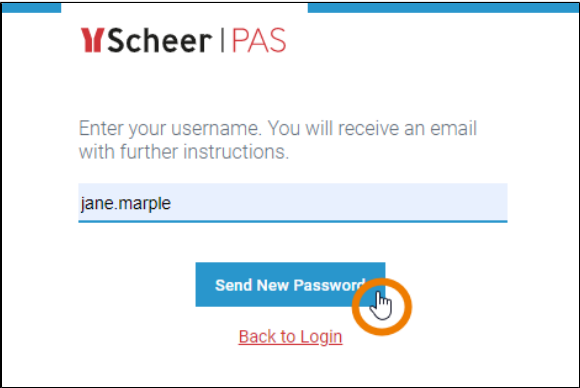
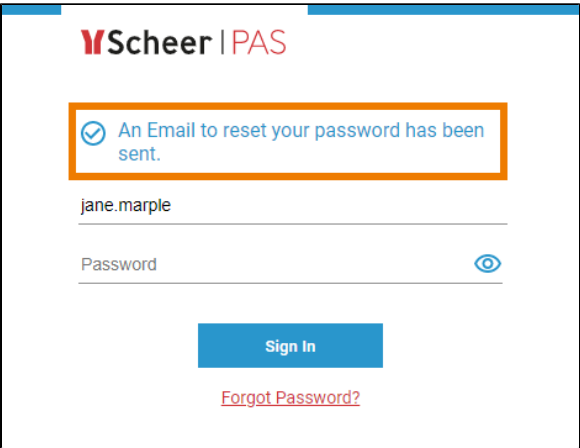
	Use option Delete  to remove a configuration option.  Not all entries can be deleted. In this case, the option is grayed out . This also applies to option Add  Add
	The number of edited fields is displayed on top right. If you have finished your changes, Save them.
	A summary of your changes is displayed. Click Save to apply them. Click Cancel to close the summary. Your changes are available until you leave the service details or reload the page.

portal_login_forgot_password

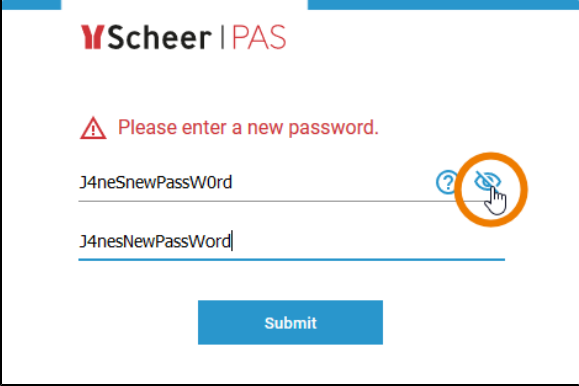
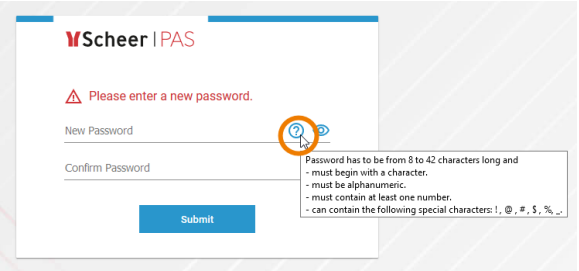
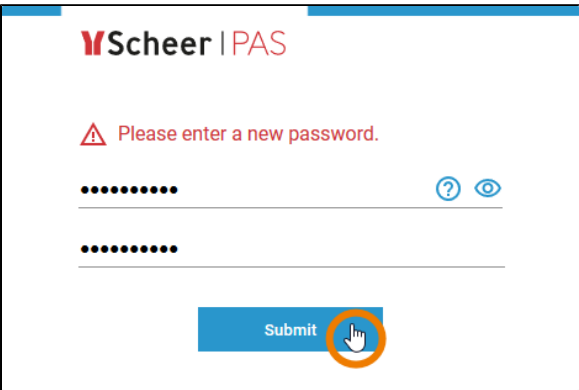


Used on:

- [Designer: Logging In and Out](#)
- [Getting Started: Logging In and Out](#)

	If you have forgotten your password, use the link Forgot Password? below button Sign In.
	First enter your username, then click Send New Password.
	The following message will be displayed: An Email to reset your password has been sent. The email will be sent to the address stored for your account in the user administration. Check your mailbox.

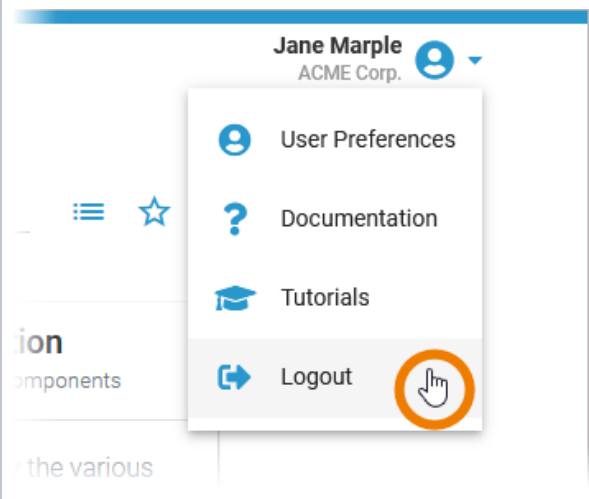
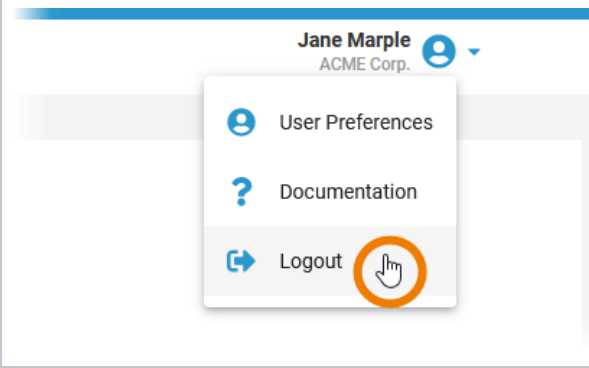
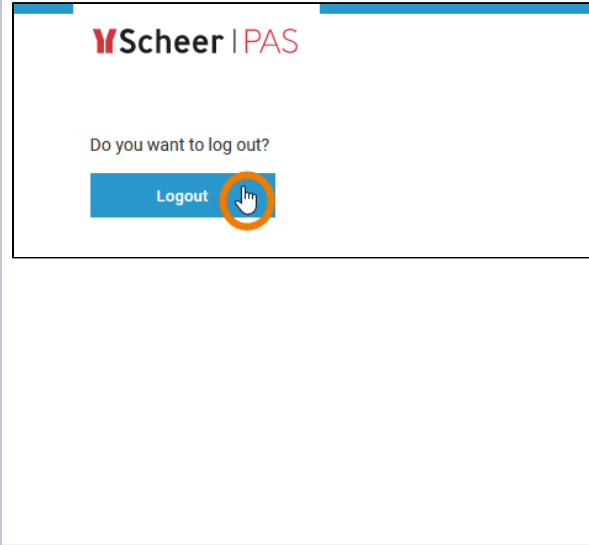
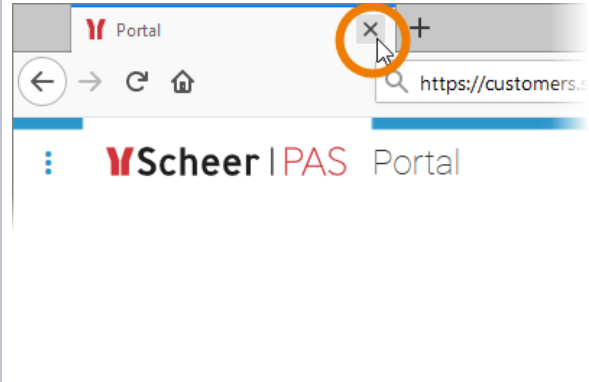
Request: Forgot Password  Scheer PAS An  Jane Marple The password is no longer known for the following account: Name: jane.marple Please click on the this link to change your password. The link is valid for 15 minutes.	The email sent contains a link. This link is valid for 15 minutes. Click on the link to reset your password.
  Please enter a new password. New Password   Confirm Password Submit	The link takes you to a page where you can change your password yourself. Enter your new password in the first line. Confirm the new password by entering it again in the second line.
  Passwords don't match. New Password   Confirm Password Submit	If the password and the password confirmation do not match, you will not be able to submit your request. In that case, please enter your password again and make sure that your input is identical.

	Click Show  to view your input. This helps you to check your passwords for typos.
	Your password has also to match the password criteria. Hover over Password Criteria  to show the valid criteria.
	When you have entered the new password, click Submit. After a successful change of your password you will directly be logged in. You are redirected to the Scheer PAS Portal.

portal_logout

 Used on: • Designer: Logging In and Out • Getting Started: Logging In and Out

There are several ways to finish your work in **Scheer PAS**.

		Using Logout is the safest way to finish your work session: The current session is terminated in all tabs and the login page is displayed.
		Option Logout is also available in the header menu if you have opened a tool in a separate browser tab.
		If you use one of the logout options, a screen will appear asking you to confirm that you wish to logout. After a successful logout, you are redirected to the login page.
		Alternatively you can close the browser tab, but this will not end your Scheer PAS session and is therefore not recommended.

standard_admin_profiles



Used on:

- [Overview on Administration Profiles](#)
- [Overview of Standard Profiles](#)
- [Defining the Portal Content](#)

Portal Tile	Profile	Description	Further Information	PAS Version
Administration Manage the Platform Components Use this component to control and display the platform services.	administration_user	• Grants full access to the platform component administration, all platform services are displayed.	• Administration Guide > Adminstrating the Platform Components	PAS 21.1
	xuml_container_admin	• Grants limited access to the platform component administration, only customer-specific services are displayed.	• Administration Guide > Adminstrating the Platform Components	PAS 22.1
Process Mining Analyze Your Processes Dig into problems, find possible causes and optimize your processes.	analytics_admin	• Grants access to the Process Mining view in the user management. • Allows to create and manage templates in Scheer PAS Process Mining.	• Process Mining • Administration Guide > Adminstrating Process Mining	

API Management Manage Your Interfaces  API Management enables you to apply different policies, enforcing them as runtime rules for each managed API request made. Legacy UI	api_management_admin	Grants additional rights ("superadmin") in API Management UI and API Developer Portal.	API Management > Administration	PAS 21.1
API Developer Portal Open Your Endpoints to the World  Grant your customers tailored access to your APIs via a separate interface.				
Identity Management Configure Single Sign-on  Configure Single Sign-on with identity and access management. External Link	keycloak_user	Grants access to the login page of the identity management tool Keycloak.	Administration Guide > Using Keycloak	PAS 21.1
Log Analyzer Analyze all Technical Service Logs  Self service tool for creating dashboards, analyzing logs of existing services and API Management metrics. External Link	kibana_user	Grants access to the Log Analyzer.	Administration Guide > Using Kibana	PAS 21.1

Designer Create Executable Processes  Design processes in BPMN 2.0 format and realize its technical implementation in a single UI. 	pas_admin_user	Grants access to the administration menu in the Designer.	Designer Administration	PAS 21.1
User Management Administrate User Settings  Configure user settings for the platform.  	user_management_admin	Grants access to the user management.	Administration Guide > Adminstrating Users	PAS 21.1



You can only access the User Management if profile **user_management_admin** has been assigned at least one user. Therefore, every **Scherer PAS** installation is delivered with one standard user management admin.

-	platform_admin	Until version 20.1.8 this profile granted access to the user management.	-	Deprecated as of PAS 21.1
-	rpa_admin	Until version 20.1.8 this profile granted access to the RPA view in the user management.	-	Deprecated as of PAS 21.1
* in use until version 20.1.8				

standard_user_profiles



Used on:

- [Overview of Standard Profiles](#)
- [Defining the Portal Content](#)

Portal Tile	Profile	Description	Further Information	PAS Version
-------------	---------	-------------	---------------------	-------------

xuml_service_add_on_settings_sql_adapter_connection DEPRECATED

Delete when Admin Guide 24.1 has been published



Used on:

- [Adapting the Configuration of Containerized xUML Services](#)
- [Adapting the Configuration of Containerized xUML Services Kubernetes](#)

Key	Value
DBType	Name of the SQL Service component, e.g. SQLite
DBName	Name of the database, e.g. ScheerACME_Customers
Connection Pooling	This tagged value controls the connection pooling. If true, each connection is put into a pool after use. If an SQL adapter requires a connection, it is taken from the pool. If no connection is available, a new connection is being created and put into the pool after use. The time the connection is kept in the pool depends on the other pooling parameters.

	Dump not Caught Errors: enabled		Enable/Disable writing an error dump file at all. This setting corresponds to the xUML service preference Dump Context on Error (refer to Integration Platform User's Guide > Preferences of an xUML Service).	true	Create a service dump for not caught errors (default).
				false	Disable service dump for not caught errors. This disables error dump at all.
Persistent State	Owner		Change the name of the persistent state object owner here. Each persistent state object is owned by a persistent state engine. If you change the owner setting, all subsequently created persistent state objects will belong to the new owner.  All existing persistent state objects of the old owner will not be processed anymore by this service as they belong to a different owner now.		
	Worker Limit	Composite	Specify the worker limit. Workers defines the maximum number of parallel threads used to process pending events. The default setting is 5, which is used if none or 0 workers are configured. The implications of more or less workers are discussed in xUML Service Reference Guide > Performance Considerations of Persistent State.		
REST Service HTTP Server	Descriptor : Cache Control: value		Specify the Browser caching options for the YAML file by setting a value for HTTP header Cache-Control. For more information on this header, refer to Cache-Control on the Mozilla pages.		
	Test Tool: Cache Control: value		Specify the Browser caching options for the Swagger UI by setting a value for HTTP header Cache-Control. For more information on this header, refer to Cache-Control on the Mozilla pages.		
REST Service Base	<your service name>: enabled		Switch the service port on / off. When the service port is deactivated, it will not accept any request anymore.	true	Service port is active (default).
				false	Service port is deactivated.
	<your service name>: JSONComposerOptions: compact	REST Service	Specify the JSON compose option for the REST request/response. When jsonCompact is true, the JSON composer will generate compact JSON, otherwise it will generate pretty JSON. jsonCompact defaults to true - also on re-compile of an older model with Builder as of 7.0.0-beta3.	true	Generate compact JSON (default).
				false	Generate pretty JSON.
	<your service name>: JSONComposerOptions: keepNulls	REST Service	Specify the JSON compose option for the REST request/response. When jsonKeepNulls is true, attributes of the REST response object having NULL values will be rendered to the REST response, otherwise they will be left out completely (refer to xUML Service Reference Guide > NULL Values).	true	Render attributes with NULL values to the REST call.
				false	Leave out attributes with NULL values in the REST call (default).

	<your service name>: Maximum Connections:		Change the maximum number of parallel requests to the service port.	
	<your service name>: Port		Change the port the xUML service listens to. The original value comes from the SOAP service component.	a valid port number
	<your service name>: ResolveHostnames		Define whether the host name is logged to the service logs instead of the IP address.	true Resolve the IP address to the hostname in the service logs (default).
				false Write the IP address to the service logs.
SOAP HTTP Server	Allow Tracing		Switching tracing on / off. All xUML services are compiled with tracing enabled. This option allows you to turn off the tracing, so that no trace information is returned by the Bridge when a service is called.	true The Runtime returns tracing information on request (default).
				false The Runtime does not return tracing information.
	Maximum Connections		Change the maximum number of parallel requests to the service port.	
	ResolveHostnames		Define whether the host name is logged to the service logs instead of the IP address.	true Resolve the IP address to the hostname in the service logs (default).
				false Write the IP address to the service logs.
	<your service name>Port		Change the port the xUML service listens to. The original value comes from the SOAP service component.	a valid port number
SOAP HTTP Server Request	<your service name>: <your port type>: enabled		Switch the service port on / off. When the service port is deactivated, it will not accept any request anymore.	true Service port is active (default).
				false Service port is deactivated.
	<your service name>: <your port type>: URI	Component diagram	Change the service URI. The default value comes from the component diagram of the xUML service.	

SOAP HTTP UI Server	Library Cache Control: value		Specify the Browser caching options for the UI files (HTML, CSS, ...) by setting a value for HTTP header Cache-Control. For more information on this header, refer to Cache-Control on the Mozilla pages.	
WSDL: <your service name>	WSDL: <your service name> host		Specify the host name of the server for the xUML service WSDL.	\${ se rv er _ h os t n a m e} Name of the Bridge node instance the service is deployed to. a full y qu alif ied sy ste m na me

xuml_service_deletion



Used on:

- [Controlling Containerized xUML Services](#)
- [Controlling Containerized xUML Services Kubernetes](#)



Delete Service

If you want to delete a containerized xUML service, click **Delete Service** on top of the **Details** section.

Confirm Deletion

 Please be aware that by deleting this service...

- the service container (deployment) gets removed from the current system
- registered routes are purged
- persisted data that may have been stored in this service will be removed

Please type the following: example-service

Service name *

Delete

Cancel

Please note, that the deletion of a service has several consequences:

- The service container (deployment) will be removed from the current system.
- The registered routes are purged.
- Persisted data stored in this service will be removed.

Confirm Deletion

 Please be aware that by deleting this service...

- the service container (deployment) gets removed from the current system
- registered routes are purged
- persisted data that may have been stored in this service will be removed

Please type the following: example-service

Service name *

example-service

Delete

Cancel

Option **D** **delete** is only enabled if you insert the correct service name.

xuml_service_documentation



Used on:

- [Controlling Containerized xUML Services](#)
- [Controlling Containerized xUML Services Kubernetes](#)

Documentation

Select Document

Ticketsystem__1889809... ▾

This is an ACME service to test *Designer* and *Administration* functionality.

It contains a process (Ticketcreation) to create customer tickets.

Part of the process are two forms to create (createTicket) and edit (editTicket) the ticket.

Open the **Documentation** section to display the documentation of the xUML service.

Documentation

Select Document

Ticketsystem__1889809404.txt

Logging_Lib_1442153486.html

Polymorphic_Lib__355219323.html

erpOrderInterface_557722615.html

Documentation_Lib__70801303.html



esigner an

Villy Welc

Use the list **Select Document** to choose the documentation you want to see.

The list contains:

- The documentation of the xUML service itself (if it is a service that has been created in the [Designer](#), you will see the content of field **Description** from the [service details page](#)).

Documentation				
Select Document				
Logging_Lib_144215348... ▾				
Logging Library				
Simple library for service logging, implementing a log operations and operations for every log level.				
For more information on xUML service logging, refer to our online documentation				
• log() Function • Logging of xUML Services				
Change Log				
Date	Author	Version	Implementation	Note
25.11.2020	David Stringer	1.0.0	Simple bridge log operations	
07.01.2021	Meredith Mitchell	1.0.1	Documentation added	
			Provided logging operations for different log levels	
08.01.2021	Meredith Mitchell	2.0.0	Added operation for logging of error details	

- The documentation of the libraries that are used in the service.

xuml_service_endpoints

 Used on: Controlling Containerized xUML Services Controlling Containerized xUML Services Kubernetes
--

Column	Description	Possible Values
Name	Name of the registered endpoint.	Any string.
Type	Type of the registered endpoint.	- control - rest - shadow - soap - ui
URL	- Click the URL to copy the secured endpoint  to the clipboard. - Click  to display the URL of the internal endpoint . Click the URL to copy it to the clipboard.	Any URL.
Test	Click Open  to switch to the interface that allows you to test the application/API. The test interface is available on running services only.  The PAS platform features an xUML Runtime API for each service. You can use the interface to obtain information on the states of the service's state machines in general, and to trigger state transitions. Refer to xUML Runtime API Reference for a comprehensive list of all available requests.	-
Interface /Descriptor or	Click Download  to download the description (OpenAPI/WSDL) of the service interface. Click Copy to clipboard  to copy the private descriptor URL.	-
API	Click Import  to import the API to Scheer PAS API Management . A wizard will support you in creating the API in API Management. Refer to Creating an API in the API Management Guide for details.	-

xuml_service_settings DEPRECATED

Delete when Admin Guide 24.1 has been published



Used on:

- [Adapting the Configuration of Containerized xUML Services](#)
- [Adapting the Configuration of Containerized xUML Services Kubernetes](#)

The settings are categorized into the following:

- **Global Settings:** In this category, you can change setting values that are global to the xUML service. Deployment information retrieved with deployment macros can be overwritten in this category, too (see **Global Settings** below).
- **Add-ons:** In this category, the settings comprise add-on related values like tagged values, interface URIs, and others. For instance, data of the SQL adapter, File System adapter, Timer, or SOAP service request may be overwritten. For more details, refer to the example below in **Add-on Settings**.



You can modify settings of a service no matter if the service is running or if it has been stopped. Saving the changes triggers a re-create and restart of the container. Changing the settings on a stopped service will start the service. Settings will be stored, so if you stop the service and restart it, the settings are restored.

If you delete a service, all settings are lost and cannot be recovered.