

Working With the Deployment Wizard

With the deployment wizard, **Scheer PAS** provides a tool to deploy xUML services as Docker container and Kubernetes workload. All you need is the repository (**.rep** file) of the service.

Administration Manage the Platform Components  Use this component to control and display the platform services. 	To access the deployment wizard, open the Administration.	On this Page: • Step 1: Package Upload • Step 2: Image Options • Step 3: Deployment Options ◦ General ◦ Custom (Container) Labels • Step 4: Summary
 YScheer PAS Administration  Service   Filter	Use  Service in the navigation bar to open the deployment wizard.	Related Pages: • Working With the Administration • Controlling Integration Services • Controlling Docker Container ◦ Controlling Containerized xUML Services • Changing the Log Level of a Docker Container • Adapting Integration Service Configuration • Showing Integration Service Logs
Deployment Wizard  Drag and drop a file here Valid types: rep Choose File Cancel Next	The wizard opens in a pop-up window. As soon as you have selected the .rep file of the service, the wizard guides you through the necessary steps to create an xUML service.	

For detailed information how to handle containerized xUML services after successful deployment, refer to one of the following pages (depending on your setup):

- C o n t r o l l i n g C o n t a i n e r i z e d x U M L S e r v i c e s (D o c k e r)
- C o n t r o l l i n g C o n t a i n e r i z e d x U M L S e r v i c e s (K u b e r n e t e s)

Step 1: Package Upload

Deployment Wizard

1 Package Upload — 2 Image Options — 3 Deployment Options — 4 Summary

Drag and drop a file here

Valid types: rep

Choose File

example-service.rep

Cancel Next

First, select the **.rep** file of the service you want to deploy. You can use the button **Choose File** to search your computer or drag and drop the file within the framed box.

The name of your service is then displayed below the button.

Click **Next** to continue.

Step 2: Image Options

Deployment Wizard

1 Package Upload — 2 Image Options — 3 Deployment Options — 4 Summary

Name * example-service

Version * 1.0

Runtime * Select Version xumi-service-base:pas-23.1

Cancel Back Next Summary

In step 2, you can adapt the image options. All displayed fields are mandatory.

i The selection list to choose a **Runtime** version is only displayed, if several Runtime versions are available on your system.

Deployment Wizard

1 Package Upload — 2 Image Options — 3 Deployment Options — 4 Summary

Name *

Version *

Runtime * Select Version

The image options are:

- **Name:** By default, the name of the rep.file is used. You can adapt it (see below for [naming restrictions](#)).
- **Version:** By default, version number 1.0 is displayed. You can adapt it.
- **Runtime:** Only available if your system contains several Runtime versions. If so, the latest version of the Runtime is selected by default. Use the drop-down list to change the version.

Deployment Wizard

1 Package Upload — 2 Image Options — 3 Deployment Options — 4 Summary

Name *

Name has to be from 1 to 63 characters long and
 • no special characters except -
 • do not start / end with -
 • do not start with a number

Version *

Various input restrictions apply to field **Name**. If you enter invalid characters, corresponding validation notes are displayed.

Input Restrictions

The following restrictions apply:
 The name.
 ..

- .. must be between 1 and 63 characters long.
- .. must not contain any special characters except - (minus).

- .. must not start a rt o r e n d w i t h - (m i n u s).
- .. must not start a rt w i t h a n u m b e r.

Deployment Wizard

1 Package Upload — 2 Image Options — 3 Deployment Options — 4 Summary

Name * janes-example-service

Version * 1.2

Runtime * Select Version
xuml-service-base:pas-22.2.1

⚠ An image with this name and version already exists (19.10.2023, 13:18:05)

Cancel

Back

Next

Summary

An image must have a unique designation.

You will get a warning message if an image with the same name and version already exists.

In that case, you must at least change name **or** version of the image.

Deployment Wizard

Package Upload

2 Image Options

Deployment Options

Summary

Name *

janes-example-service

Version *

1.1

Runtime *

Select Version
xumi-service-base-pas-22.2.1

Cancel

Back

Next

Summary

- Click **Next** to adapt the **deployment options**. This third step of the deployment wizard is optional.
- Click **Summary** to check the deployment data and start the build process.

Step 3: Deployment Options

Deployment Wizard

Package Upload

Image Options

3 Deployment Options

4 Summary

General

Hostname *

janes-example-service
Corresponds to the service name

Service Name *

janes-example-service

Custom Labels

☐

Key

Value

☐

Developer:

Jane Marple

☐

Questions? Contact:

jane.marple@acme-corp.com

Cancel

Back

Next

Step 3 is optional and allows you to adapt the deployment options.

It is divided into different sections:

- General**
- Custom Labels**

General

Hostname *
Corresponds to the service name

Service Name * 

General

In this section, you can find the following options:

- **Hostname:** Shows the name of the host.
 - In a **Docker setup**, it corresponds to the container name (see [step 2](#)).
 - In a **Kubernetes setup**, it corresponds to the workload name (see [step 2](#)).
- **Service Name:** By default, the image name is displayed. You can also change the name. The service name is the name that will be displayed in the [service list](#).
 - If the name is already in use, the container will be overwritten.

Custom Labels



☐	Key	Value
☐	Developer:	Jane Marple
☐	Questions? Contact:	jane.marple@acme-corp.com

Custom (Container) Labels

Use this option to add technical labels for the container. The labels are added to the container and are also displayed later in the service details.

Icon	Description
	Click Plus to add a new custom label.
	If you want to delete one or more labels, tick the corresponding checkbox(es) in front of the label you want to delete. Then click Delete .
	Hover over  to display further information about the usage of custom labels.

 Deployment Service Name janes-example-service Deployment User jane.marple Deployment Date Oct 19, 2023, 1:18:07 PM Container Start Date Nov 27, 2023, 8:01:02 AM Developer: Jane Marple Questions? Contact: jane.marple@acme-corp.com	After deployment, the labels are also visible in section Deployment in the service details.
--	---

Step 4: Summary

Deployment Wizard  Package Upload  Image Options  Deployment Options  Summary  Package Upload File janes_example-service.rep (12.83 MB)  Image Options Type xuml-service Name janes-example-service Tag 1.1 Runtime xuml-service-base:pas-22.2.1  Deployment Options Hostname janes-example-service Service Name janes-example-service Custom Label: Developer: Jane Marple Custom Label: Questions? Contact: jane.marple@acme-corp.com Cancel Back Build & Deploy 	In the last step, you can check all deployment-related information again. Three sections are summarizing the information provided: • Package Upload • Image Options • Deployment Options If you want to adapt some of your inputs, use Back or click on one of the steps in the navigation to access it directly. Click Build & Deploy to start the deployment process.
Deployment Wizard  File has been uploaded  Image is being built	The wizard starts the deployment and keeps you updated about the running deployment steps. This information is read-only, you cannot intervene in the process now.

Deployment Wizard

✓ File has been uploaded

✓ Image has been built

✓ Service has been deployed

Deployment successfully completed

Close

Service Details



You can take action again when the deployment has been completed.

- Click **Close** to close the deployment wizard.
- Click **Service Details** to open the deployed service in the Administration.



For detailed information how to handle containerized xUML services after successful deployment, refer to one of the following pages (depending on your setup):

- Controlling Containerized UML Services (Docker)
- Controlling Containerized UML Services (Kubernetes)

