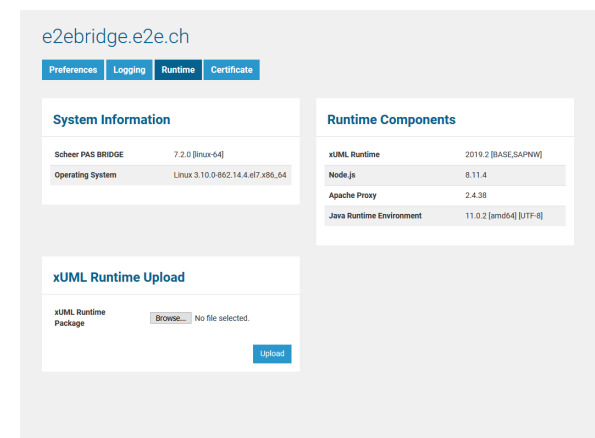


# Managing the Runtime of the Node Instance

Switch to the **Runtime** tab in the information/working area.

All users have access to the Runtime information. However, only users who are member of a group, to which the role **ADMIN** has been assigned, can upload new Runtime packages.

Figure: Runtime Details of the Node Instance



## On this Page:

- [System Information](#)
- [Runtime Components](#)
- [xUML Runtime Upload](#)
  - [Upload Constraints](#)

On this tab, the following software-related information is listed in information/working area.

## System Information

<b>Scheer PAS BRIDGE</b>	The version number of the <b>Bridge</b> installer.
<b>Operating System</b>	The Operating system of the node instance, on which the <b>Bridge</b> is installed.

## Runtime Components

<b>xUML Runtime</b>	Version number of the installed xUML Runtime and additional libraries that have been installed.
<b>Node.js</b>	The Node.js version (delivered with the Bridge).
<b>Apache Proxy</b>	The Apache HTTP Server version (delivered with the Bridge).
<b>Java Runtime Environment</b>	The installed Java Runtime version (delivered with the Bridge).

## xUML Runtime Upload

The **Runtime Upload** section of the information/working area allows

- to update the components of the xUML Runtime
- to install additional packages, for e.g. SAP access

When installing the Bridge, only the base libraries of the **xUML Runtime** will be installed (compare the Runtime version in the **Components** section shown in the [figure above](#)). The base libraries include means to connect to database backends and to use imported Java classes. If your services will connect to SAP, you need to install an additional library using the Runtime upload on this page. In the highlighted area below, it is indicated that the SAP NetWeaver library has been added to the Runtime base version.

## Runtime Components

xUML Runtime	2019.2 [BASE,SAPNW]
Node.js	8.11.4
Apache Proxy	2.4.38
Java Runtime Environment	11.0.2 [amd64] [UTF-8]

For more details on how to install this library, refer to [BRIDGE Installation Guide](#).

If you want to update the xUML Runtime, click **Browse** and select the new package.

Uploading a Runtime does not stop running services. They keep running with the old Runtime version. This way you have full control after the update, which services should be explicitly stopped and started with the new firmware.

Click **Upload** to install the new package. The uploaded package will be dispatched to the correct location automatically.

### Upload Constraints

- It is only possible to upload packages with the same version number as the **xUML Runtime** base. So, if you want to update a Runtime component:
  1. Upload the new Runtime base package.
  2. Upload any corresponding additional packages.
- It is only possible to upload an xUML Runtime to a local instance. If you have aggregated multiple Bridges to a Bridge domain (see [Managing a Bridge Domain](#)), you need to login to the dedicated Bridge to update the Runtime.