## E2E Runtime and E2E Bridge Lesson 2 MD18

In the lessons of E2E Education the services are run with the Embedded Runtime on server localhost. With E2E Development Server including E2E Bridge you have the possibility to deploy, to run and administer services on multiple platforms.

If you have licensed the E2E Development Server, you already used E2E Runtime and E2E Bridge to manage the xUML service of lesson 1. Now, you may deploy and check the xUML service of lesson 2. Otherwise skip this step and continue with lesson 3.

## Deploying the Compiled xUML Service

Before you deploy the compiled xUML service, check the settings of the Builder project. Select **E2E Builder > Settings** from the menu. On the tab **Model Compiler**, the deployment settings of your project should be set as follows:

Setting	Value
Deploying E2E Bridge Name	localhost (if you have a Workstation mode installation, otherwise, enter the name of the server)
Deploying E2E Bridge Port	8080 (defined during installation of E2E Runtime)
User	admin
Run xUML Service after Deployment	checked
Overwrite Existing xUML Services	checked

Testing the Service with the E2E Analyzer

On this Page:

- Deploying the Compiled
- xUML Service
- E2E Bridge User Interface

Select OK to close the window, return to the Model Compiler window, and select the xUML service.





## E2E Bridge User Interface

You now may check the deployed xUML service.

Note that in the following examples the education services are deployed to an E2E Bridge in Server Mode. Therefore the name of the node instance displayed in the screenshots is e2ebridge.e2e.ch, not localhost.

If you deploy your lessons to localhost, enter the URL https://localhost:8080 in the address field of your browser to access the user interface of the E2E Bridge.

First expand the node instance, then entry **xUML Services** and category **E2E Education** to see all deployed xUML services.

You will find the running xUML service EducationLesson2 sorted below category E2E Education as is also EducationLesson1.

Clicking the hypertext link **xUML Services**, all deployed xUML services running on this node instance will be displayed in the working panel. You can start, stop, and delete them, and view their logs by using the appropriate buttons. You must stop an xUML service prior to deleting it.



Click on the xUML service **EducationLesson2** in the navigation tree on the left to see the details of the xUML service. It is currently running and has a SOAP service listening on port 10012.

Ce bridge	E2E Bridge admin Logout	
Domain	EducationLesson2	
▲ Users Oroups 및 Node Instances 페 Deployment	AUME Service History Logging Dump Settings Version Persistent State Status	ļ
Node Instances	Status       P Running     Start     Stop     Delete     Kill     Export	
A Proxy Services  XUML Services  E2E Education  EducationLesson1	Service Instances	
EDUcation(16350n2	Activation     Label     Stereotype     Port     WSDL       Image: Comparison of the standard st	
	Details	
	Control Port 20012	
	Checksum xekE2aWKAvQ2WkBar3kFh6HzmlA=	

Further information can be viewed on tabs **History, Logging, Dump, Settings, Version**, **Persistent State**, and **Status**.

The **Start** button is disabled, if the xUML service is already running. The xUML service preferences can only be changed if the xUML service is stopped.

Switch to the Settings tab.



After having stopped the xUML service, the defined setting **exchange rate CHF - USD** can be changed here.

If you would like to read more about E2E Bridge, we recommend reading the BRIDGE Integration Platform User's Guide.