Server Mapping Deployment Wizard

This chapter describes how to deploy server-side mapping files with the Server Mapping Deployment Wizard to the RPC server. A server-side mapping file is an EntireX Workbench file with extension .svm. See *Server-side Mapping Files in the RPC Server* in the RPC server documentation for z/OS (CICS, Batch, IMS) | Micro Focus | z/VSE (CICS | Batch). This chapter covers the following topics:

- Introduction
- Using
- Preferences
- Command-line Mode

See also Deploying Server-side Mapping Files to the RPC Server for CICS ECI | IMS Connect.

Note:

To deploy server mapping files to the webMethods EntireX Adapter you need to update your Adapter connection. See *Step 3: Select the Connection Type* in the Integration Server Wrapper documentation.

Introduction



Deploying with the wizard requires an active RPC server. Also, the Deployment Service of the RPC server must be properly configured. See the platform-specific documentation for more information:

- z/OS, see Deployment Service for CICS | Batch | IMS.
- UNIX or Windows for Micro Focus COBOL, see *Deployment Service* in the Micro Focus RPC Server documentation.
- BS2000/OSD, see *Deployment Service* in the BS2000/OSD Batch RPC Server documentation.
- z/VSE, see Deployment Service for CICS | Batch.

Using

To deploy a server-side mapping file with the wizard, follow the steps below:

- Step 1: Start the Wizard
- Step 2a: Create a New Deployment Environment
- Step 2b: Define the Connection to the Deployment Service and Deploy
- Step 3: Select and Existing Deployment Environment and Deploy

A server-side mapping file is an EntireX Workbench file with extension .svm. See *Server Mapping Files for COBOL*.

Step 1: Start the Wizard

To start the Server Mapping Deployment Wizard, select a server-side mapping file and from the context menu choose **Deploy/Synchronize Server Mapping...** Alternatively, you can use the context menu of the IDL file and choose **COBOL** > **Deploy/Synchronize Server Mapping...**.

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	🔊 Refresh			
	Validate			
	Deploy/Synchronize Server Mapping			
	Run As			
	Debug As			
	Profile As			
	Compare With			
	Replace With			
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To continue, press **Next** with one of the following choices:

- If you are using the Server Mapping Deployment Wizard for first time with no predefined deployment environment preferences, continue with *Step 2a: Create a New Deployment Environment* below.
- If deployment environments are already defined, you may also continue with *Step 3: Select and Existing Deployment Environment and Deploy.*

Step 2a: Create a New Deployment Environment

If no deployment environments are defined, you only have the option to create a new deployment environment.

🖬 Server Mapping Deployment		
Choose Deployment Environment and Deploy/Synchronize The server mapping will be deployed/synchronized using the selected deployment environment.		
 ⊙ ⊆reate a new deployment environment ○ Choose an existing deployment environment 		
Modify the selected deployment environment		

Select **Create a new deployment environment** and press **Next** to continue with *Step 2b: Define the Connection to the Deployment Service and Deploy.*

Step 2b: Define the Connection to the Deployment Service and Deploy

Use this page to define a connection to the deployment service of the RPC server.

🖬 Server Mapping Deployment		
Remote Deployment Environment Define the connection to the deployment service to push server mapping files		
Broker Parameters Broker ID: * ibm2:6025 Server Address* RPC/BATCH/DEPLOYMENT EntireX Authentication RPC Server Authentication User ID: RPC User ID: Password: RPC Password: Filter Settings Timeout (Seconds):		
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Preferences

Enter the required fields:

- 1. **Broker Parameters** Broker ID and Server Address, which will have the default format. The last part (broker service) of the server address must always be "DEPLOYMENT".
- 2. The **EntireX Authentication** parameters describe the settings for the broker. These parameters apply if the *broker* is running with EntireX Security. See *Which EntireX Security Solution*.
- 3. The **RPC Server Authentication** parameters describe the settings for the RPC server. These parameters apply if the *RPC server* is running with security. See *Impersonation* under CICS | Batch | IMS.
- 4. The given **Timeout** value must be in the range from 1 to 9999 seconds (default: 60).

Press **Finish** to deploy. Deployment of the server mapping is successful if the wizard ends. No confirmation message is given.

Step 3: Select and Existing Deployment Environment and Deploy

Use this page to select the deployment environment (i.e. the RPC server) to which you want to deploy.

🖬 Server Mapping Deployment		
Choose Deployment Environment and Deploy/Synchronize The server mapping will be deployed/synchronized using the selected deployment environment.		
Greate a new deployment environment Choose an existing deployment environment ibm2:6025@RPC/BATCH/DEPLOYMENT ibm2:6025@RPC/CICS/DEPLOYMENT		
Modify the selected deployment environment		
(?) < Back		

Check the option **Choose an existing deployment environment** and select a deployment environment from the list. Press **Finish** to deploy. Deployment is successful if the wizard ends. No confirmation message is given.

Preferences

In the preferences for the Server Mapping Deployment Wizard you define deployment environments, a connection to the Deployment Service of the RPC server. See Deployment Service for z/OS (CICS, Batch, IMS) | Micro Focus | BS2000/OSD | z/VSE (CICS, Batch) The following sections are offered:

- Create a New Deployment Environment
- Edit an Existing Deployment Environment
- Remove an Existing Deployment Environment

The deployment environment is managed from the deployment environment **Preferences** page. The deployment environments can be created, edited and removed. The deployment environment will be used for the selection lists in the Deployment Wizard. To manage these deployment environments, open the **Preferences** page:

Preferences		
type filter text	Deployment Environments 🔶	- @ - +
 Install/Update Java Plug-in Development Run/Debug Software AG EntireX .NET Wrapper COBOL Wrapper COBOL Wrapper DCOM Wrapper DCOM Wrapper DCOM Wrapper DEployment Enviror EJB Wrapper IDL Extractor for CC IDL Extractor for VA IDL Extractor for VA IDL Extractor for W Installation Java Wrapper PL/I Wrapper RPC Environments Web Service Wrapp XML Mapping Editor UDDI Registries Web Services Stack 	Manage Deployment Environments Table of defined Deployment Environments: Name Ibm2:6025@RPC/BATCH/DEPLOYMENT	Insert Edit Remove
?	ОК	Cancel

Create a New Deployment Environment

- To create a new deployment environment
 - Press Insert.

🖨 Server Mapping Deployment				
Remote Deployment Environment				
Define the connec	tion to the deployment service to push server mapping files			
Broker Paramete	ers			
Broker ID:	ibm2:6025			
Server Address	Server Address RPC/BATCH/DEPLOYMENT Edit			
Entire Y Authentication				
User ID:	RPC User ID:			
Password:	RPC Password:			
Filter Settings				
Timeout (Seconds): 60				
(?) < Back Next > Finish Cancel				

Edit an Existing Deployment Environment

> To edit an existing deployment environment

• Select the table row and press **Edit**. If multiple entries are selected, the first entry is used.

🖨 Deployment Environments 🛛 🛛 🔀				
Deployment Environment Image: Comparison of the second s				
Broker Paramete	rs			
Broker <u>I</u> D:	ibm3:6782			
Server <u>A</u> ddress	RPC/CICS/DEPLOYMENT			
EntireX Authentication RPC Server Authentication				
User ID:	RPC User ID:			
Password:	RPC Password:			
Filter Settings				
Timeout (Seconds): 60				
OK Cancel				

Remove an Existing Deployment Environment

To remove an existing deployment environment

• Select the table row and press Remove. Multiple selections are possible.

Command-line Mode

The command -deploy: cobol is provided to deploy mapping information contained in server-side mapping files, using the EntireX Workbench in command-line mode. See *Using the EntireX Workbench in Command-line Mode* for general information.

To undeploy previously deployed server mapping information, remove the server-side mapping file (.svm) and execute the command -deploy:cobol with the IDL file only.

This section covers the following topics:

- Command-line Options
- Example

Command-line Options

Task	Command	Option	Description
Deploy SVM files.	-deploy:cobol	-environment	Target environment. Name of the COBOL deployment environment or an RPC server description.
		-brokeruser	User used for broker authentication (optional).
		-brokerpassword	Password used for broker authentication (optional).
		-rpcuser	User used for RPC server authentication (optional).
		-rpcpassword	Password used for RPC server authentication (optional).

Note:

Run the command from the directory containing the IDL file and the corresponding server-side mapping file (.svm). If no server-side mapping file is found, the previously deployed server mapping information related to the IDL file will be removed on the server side (undeployed). See *Undeploying Server-side Mapping Files to the RPC Server* in the RPC server documentation for z/OS (CICS, Batch, IMS) | Micro Focus | z/VSE (CICS | Batch).

Example

-deploy:cobol /SVMDeployTests/idls/basicodo.idl /SVMDeployTests/idls/basicdt.idl /SVMDeployTests/idls/basicarr.idl -environment_ibm2:3980@RPC/RPCALL/DEPLOYMENT

-brokeruser EXXUSR1 -brokerpassword EXX\$PWD1