Article <u>Markus Mechnich</u> · Jul 14, 2016 1m read

Headstart to connect to SAP using SAPJCo3 with Ensemble and HealthShare

Recently we have exercised this with a partner. It may be helpful for others as well.

The basic functionality is to connect to SAP through SAPJCo (Supporting SAPJCo 3.07+).

As a first step have a production with at least two items of the following type:

• EnsLib.JavaGateway.Service

Change connect information

• EnsLib.SAP.Operation

Configure the settings for the Java Gateway and the SAP Operation accordingly. And start the production.

SAP.JCO3.SampleSAPJCOPr	oduction				DJCO Switch ISC Sales Engineering
View:	Start Stop			Q Ref	resh: 🔍 on 💿 off
Production Running	Catego	ory: All	۲	Legend	Production Settings
Services 🕘	Processes 💮		Op	erations	•
JavaGatewayService			• 5	APJCoOpe	ration

Now the library sapjco3.jar needs to get imported to be used by further internal functionality. Therefore start in a browser the webpage for simplified SAPJCo base installation

/csp/<your sapjco namespace>/EnsPortal.Dialog.SAPJCO.BaseConfiguration.cls.

Name the SAPJCo-Operation just in the wizard (in our case it is called "SAPJCoOperation" within the production).

SAP.JCO3.SampleSAPJCOProduction	Server: de-mm-w5402	Namespace: DJCO Switch
	User: SYSTEM	Licensed to: ISC Sales Engineering

Connection information	
•	
Couldn't connect to S	AP. The sapjco3.jar was not imported yet.
SAP Operation	
SAPJCoOperation	1

As the next step, you'll import the Java library e.g. "C: *kapjco/JCO364/sapjco3.jar*". You need to get a version from the owner of the SAP system (the SAP system owner is entitled to download it from SAP Marketplace).

Now almost all relevant information to import the sapjco3.jar is available. Open the "Import sapjco3.jar". A click on the textfield will start a filedialog. Point it to he jar-file.

SAP.JCO3.SampleSAPJCOProc	Image: Prile Selection Dialog - Google Chrome	×
	Dicalhost:16380/csp/djco/%25ZEN.Dialog.fileSelect.zen?\$ZEN_POPUP=1&Dir=C%3A%5CA	Ð
Connection information	File Selection Dialog Select a file from the choices below.	
,		
Import SAPJCO3.jar	Look in: C:\Aktuelles\jco\	
•	i examples	
The class com.sap.conn. sapjco3.jar file.	javadoc ja sapjco3 ⊡ sapjco3.jar	
SAPJCo3 Path		
C:\Aktuelles\jco\sapjco3.jar		
Import sapjco3.jar		
Select BAPI/RFC		
	File name: C:\Aktuelles\jco\sapjco3.jar	
	File of type:	
	sapjco3.jar	
	Cancel OK	

By clicking on the Import sapjco3.jar button the proxy classes will be generated. After the successful import you should see the following screen:

Headstart to connect to SAP using SAPJCo3 with Ensemble and HealthShare Published on InterSystems Developer Community (https://community.intersystems.com)

SAP.JCO3.SampleSAPJCOProduction	Server: de-mm-w5402 Namespace: DJCO Switch
	User: SYSTEM Licensed to: ISC Sales Engineering

Connection information

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Import SAPJCO3.jar

Importing the sapjco3.jar classes has been successful.

SAPJCo3 Path

C:\Aktuelles\jco\sapjco3.jar

Import sapjco3.jar

Now the real work may begin.

#Ensemble #Business Operation #Java

Source

URL: https://community.intersystems.com/post/headstart-connect-sap-using-sapjco3-ensemble-and-healthshare