Invoke a Rest Service from Panther w/Panther Java Objects

This sample demonstrates how to call a REST Service (<http://worldtimeapi.org/>) from a Panther Desktop Client (prodev) using our sm\* function ; Panther Java Wrapper. This REST service will return the current time into your Panther field .

* Extract the contents of the JavaObj.zip file to your PanJavaObj folder; example C:\Temp\PanJavaObj
* Set the below in your Panther environment; JAVA\_HOME, SMJAVALIBRARY & CLASSPATH
* Configure in your prol5w\*.ini file

JAVA\_HOME= C:\Program Files\Java\jdk1.8.0\_101 (use the latest)

PATH=%JAVA\_HOME%\bin;C:\Program Files\Java\jdk1.8.0\_101\jre\bin\server;%PATH%

CLASSPATH=%SMBASE%\config\pro5.jar;C:\Temp\PanJavaObj\java-json.jar;%SMBASE%\samples\auth0\jsonUtils\json.jar;C:\Temp\PanJavaObj\JsonUtils\bin

* Enable JAVA by configuring it in your smvars, then convert to binary using var2bin utility

JAVA\_USE=JAVA\_IS\_USE

SMJAVALIBRARY= C:\Program Files\Java\jdk1.8.0\_101\jre\bin\server\jvm.dll

* To configure by using your batch file

set JAVA\_HOME=C:\Program Files\Java\jdk1.8.0\_101 (use latest)

set PATH=%JAVA\_HOME%\bin;C:\Program Files\Java\jdk1.8.0\_101\jre\bin\server;% PATH%

set CLASSPATH=%SMBASE%\samples\auth0\jsonUtils\ext-jars\pro5.jar;%SMBASE% \samples\auth0\jsonUtils\json.jar;C:\Temp\JavaObj\java-json.jar;C:\Temp\JavaObj\JsonUtils\bin

* The zip file contains a Panther screen called “TimeZoneJavaObjScreen”. From your Panther development environment, add the screen to your Panther library and test. Chose a Continent/City from the option menu. . The REST service will return the results; data from the JSON response will be mapped into your Panther fields.

NOTE: The bitness of your JDK must match the bitness of your Panther development client.