Invoke a Rest Service from Panther via 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 current world time data into your Panther fields.

1. Extract the contents of the JavaObj.zip file to your PanJavaObj folder; example C:\Temp\PanJavaObj
2. 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\_162 (use the latest)

CLASSPATH=%SMBASE%\config.pro5.jar;C:\Temp\PanJavaObj\java-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\_162\jre\bin\server\jvm.dll

1. 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.