

Melissa Data Quick Start Guide

Global Address Sample – Java

This is a guide to help with running the Global Address Object's Java sample.








Some quick items to note before beginning:

- Make sure you have an installation of Java Developer's Kit 1.6 or later
- Make sure the Melissa Data Global Address Object and data files are installed on your machine. By default, they should be installed in: 'C:\Program Files\Melissa Data\DQS\Data'
 - If you've installed the Melissa Data objects in a different location, you will need to set the correct path in the GlobalAddressSample.java file

Step 1 – Copy over required files

Copy over your mdGlobalAddr.dll into the project folder containing the GlobalAddressSample.java and RunSample.bat. (The location of the mdGlobalAddr.dll will depend on your run of the setup.exe; on default, it can be found in 'C:\Program Files\Melissa Data\DQS\GlobalAddrObj\dll_64bit').

Make sure all the necessary files are now in the project's folder.

Name	Type	Size
 GlobalAddressSample.class	CLASS File	6 KB
 GlobalAddressSample.java	JAVA File	9 KB
 mdGlobalAddr.dll	Application extens...	8,382 KB
 mdGlobalAddr.jar	Executable Jar File	16 KB
 mdGlobalAddrJavaWrapper.dll	Application extens...	51 KB
 README.txt	Text Document	3 KB
 RunSample.bat	Windows Batch File	1 KB

If the pre-compiled 'mdGlobalAddr.jar' file is incompatible with your environment, you can find the necessary files in the 'interfaces' folder of the object's main directory.

Our pre-compiled 'mdGlobalAddr.jar' used Java JDK 1.8.

Step 2 – Modify RunSample.bat file

Open the 'RunSample.bat' file in a text editor to make sure the Java Directory path is set correctly. The path should lead to your Java JDK bin directory.

```
@echo on

rem Set Path to Java JDK bin directory
rem and copy mdAddr.dll to this directory

set JAVA_DIR=C:\Program Files\Java\jdk1.8.0_05\bin

set PATH=%PATH%;%JAVA_DIR%

javac -classpath "mdGlobalAddr.jar" GlobalAddressSample.java

java -Dfile.encoding=UTF-8 -Djava.library.path=. -classpath ".;mdGlobalAddr.jar"
GlobalAddressSample
rem pause
```

Step 3 – Add your LicenseString and DataPath

Open the 'GlobalAddressSample.java' for editing.

Lines 13 and 14 contain the license and data path strings. In their respective lines, replace the default strings with your given license string and Melissa Data data file path.

```
/*
*****
If you should have any comments, suggestions or improvements to these samples,
we welcome you to contact us at SampleCode@melissadata.com also please visit our
bulletin board at forum.melissadata.com.
*****
*/

import com.melissadata.*;
import java.io.*;
import java.nio.charset.*;

public class GlobalAddressSample {

    public static String the_license = "LICENSE STRING";
    public static String datafile_dir = "DATA PATH";

    public static void main(String args[]) throws IOException
    {
        Boolean i;
        mdGlobalAddr ga = new mdGlobalAddr();
        String ResultsString;
        PrintWriter pw = new PrintWriter(System.out, true);

        // ***** LICENSE STRINGS *****
        //      To unlock the full functionality of Address Object,
        //      please call a sales representative at 1-800-MELISSA ext. 3
    }
}
```

Step 4 – Run Sample

Double-click the 'RunSample.bat' to run the sample.