

Securing Cloud Users at Runtime via an Economics-Inspired Architecture: A case for Federated Identity Management

Guide to run simulator:

Download the source code from the repository <https://github.com/GiannisT/Simulation>

The application was developed as a Java Standalone, using the Maven artifact for java applications.

CONSOLE

For a console execution, the following jar files must be downloaded and stored at the same folder: commons-io-2.4.jar and simulator-1.0-Beta.jar. Those files could be downloaded from the link <https://github.com/GiannisT/Simulation/tree/master/console>.

A Java Virtual Machine must be available to run the application.

Enter the script below to execute the simulator (refer to batch files runLinux.sh and runWindows.bat):

For Linux OS:

- `java -classpath commons-io-2.4.jar:simulator-1.0-Beta.jar uk.ac.bham.simulator.FederatedCoordinator`

For Windows OS:

- `java -classpath commons-io-2.4;simulator-1.0-Beta.jar uk.ac.bham.simulator.FederatedCoordinator`

NETBEANS

Using Netbeans 7.4 as IDE to compile, build and execute the simulation is recommended.

The current source code includes the project files for Netbeans.

Choose the menu File, option Open Project, and then select the Netbeans project file named simulator.

Open the file FederatedCoordinator, there will be a Java Class with the same name, just do right click in the file list, a popup menu will be shown, choose the Run File option or press the Alt+F6 to run the java code and enjoy.

The complete output can be found in file “output.txt”, which will be generated in the working directory, if you use the console it will be in that directory, if you use the Netbeans it will be in the project folder, the same folder of the pom file.

