

Demo Setup Guide

Requirements

The system environment for making the demo code of the first milestone work is the following:

- Java SE 7.0 is needed to run the Aspect Generation and the Aspect Weaver modules.
- The AspectJ compile-time weaver is needed to weave/unweave the aspects (**the weaver is provided with the demo code so no additional installation is required**).

Installation

In order to install the demonstrator of the Aspect Generation and the Aspect Weaver modules you need to:

1. Download Intertrust-AspectGenerationWeaver.zip from the INTER-TRUST repository

(Documents – Executables_and_code – Demo3_2013)

2. Unzip Intertrust-AspectGenerationWeaver.zip
3. Enter the EVotingServer directory
4. Run EVotingServer.jar:

- (option 1) By double clicking on it (previously you need to configure the execution of .jar files in your system. This configuration depends on the operating system and the JVM)

- (option 2) By typing in a terminal: `java -jar EVotingServer.jar`

5. Enter the EVotingClient directory
6. Run EVotingClient.jar:

- (option 1) By double clicking on it, in case the execution of .jar files have been previously configured for your system.

- (option 2) By typing in a terminal: `java -jar EVotingClient.jar`

Content files

The structure of the included directories and files are:

- **EVotingClient**
 - EVotingClient.jar
 - **clientFiles**
 - escenario1Client.xml
 - escenario2Client.xml
 - escenario3Client.xml
 - initialSdsClient.xml
 - listAspectFunctionalityClient.xml

- **EVotingServer**
 - EVotingServer.jar
 - **serverFiles**
 - escenario1Server.xml
 - escenario2Server.xml
 - escenario3Server.xml
 - initialSdsServer.xml
 - listAspectFunctionalityServer.xml

- setupGuide.docx
- userGuide.docx

The content of the .jar files is as follows:

EVotingServer.jar:

This file includes all the needed binary files for the execution of the demonstrator at the server side, including:

- The main application of the e-voting server.
- The aspects (in AspectJ) compiled and woven with the e-voting server application.
- The INTER-TRUST modules and the .xml and resources files.
- The AOP weaver and others libraries.

EVotingClient.jar:

This file includes all the needed binary files for the execution of the demonstrator at the client side, including:

- The main application of the e-voting client.
- The aspects (in AspectJ) compiled and woven with the e-voting client application.
- The INTER-TRUST modules and the .xml and resources files.
- The AOP weaver and others libraries.