STS-IQ Tool installation manual:

The Tool requires

1- Sirius project that enables for modeling the requirements models;
2- Acceleo project (Model-to-Text Transformation) that enables for transforming the requirements models into formal Datalog language.

Constructing your framework:

1- Open Eclipse framework;
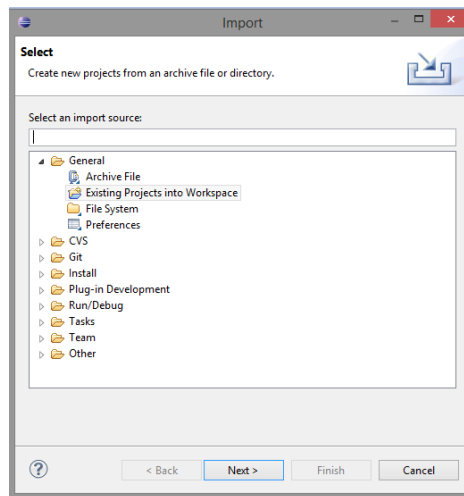2- Import STS-IQ-Tool.zip (File-> Import -> Existing Projects into Workplace);
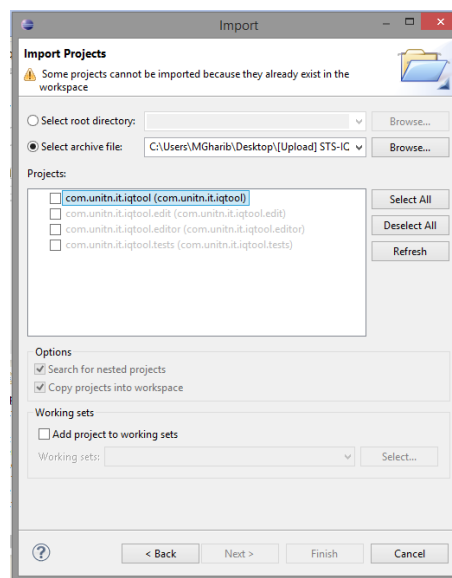

Figure 1

Figure 2

3- Run configuration (right click on com.unitn.it.iqtool file and chose run configuration);
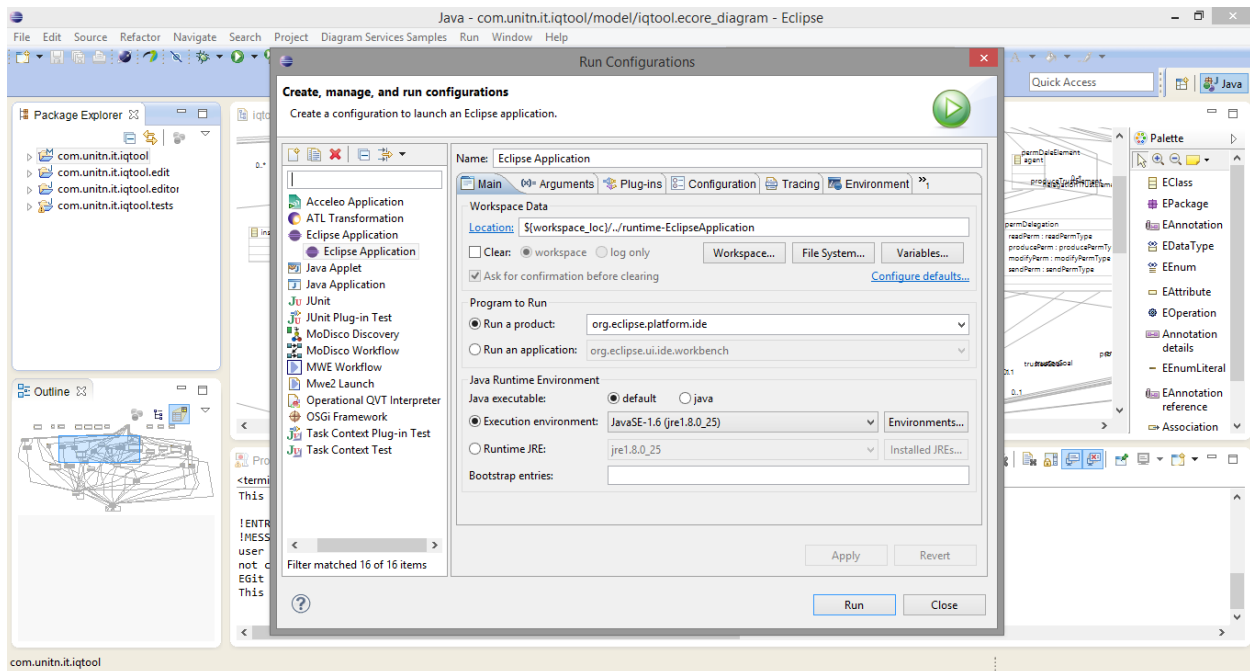

Figure 3

In the resulting Eclipse framework,

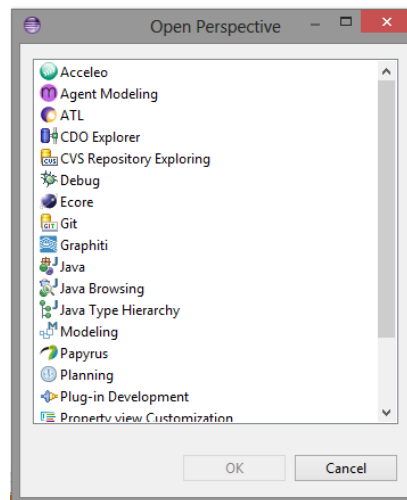1- Open Sirius perspective (Windows-> Open Perspective-> Other);

Figure 4

2- Import STS-IQ-Tool-runtime.zip that includes the following projects (File-> Import -> Existing Projects into Workplace)
   - com.unitn.it.dlv
   - com.unitn.it.iqtool

- com.unitn.it.iqtool.design
- com.unitn.it.iqtool.generator
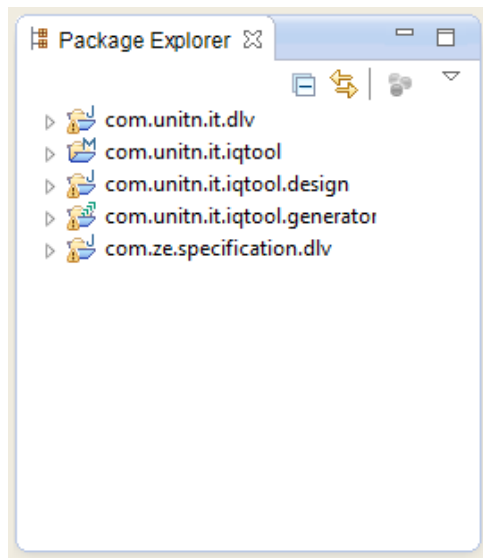- com.ze.specification.dlv

Figure 5

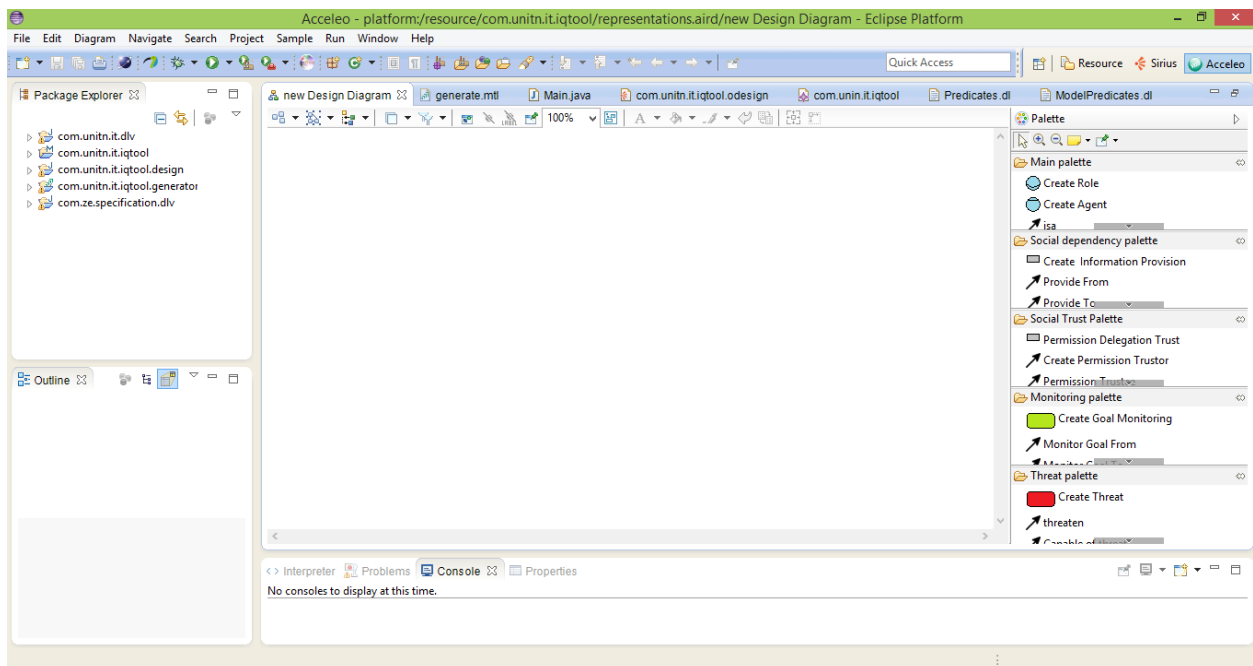3- Your modeling framework will open (Figure 6), where you can draw the requirements diagrams;

Figure 6

4- Open Acceleo perspective, and then Run configuration (Figure 7) – add Acceleo new configuration and fill it as in figure 8, and then press run;
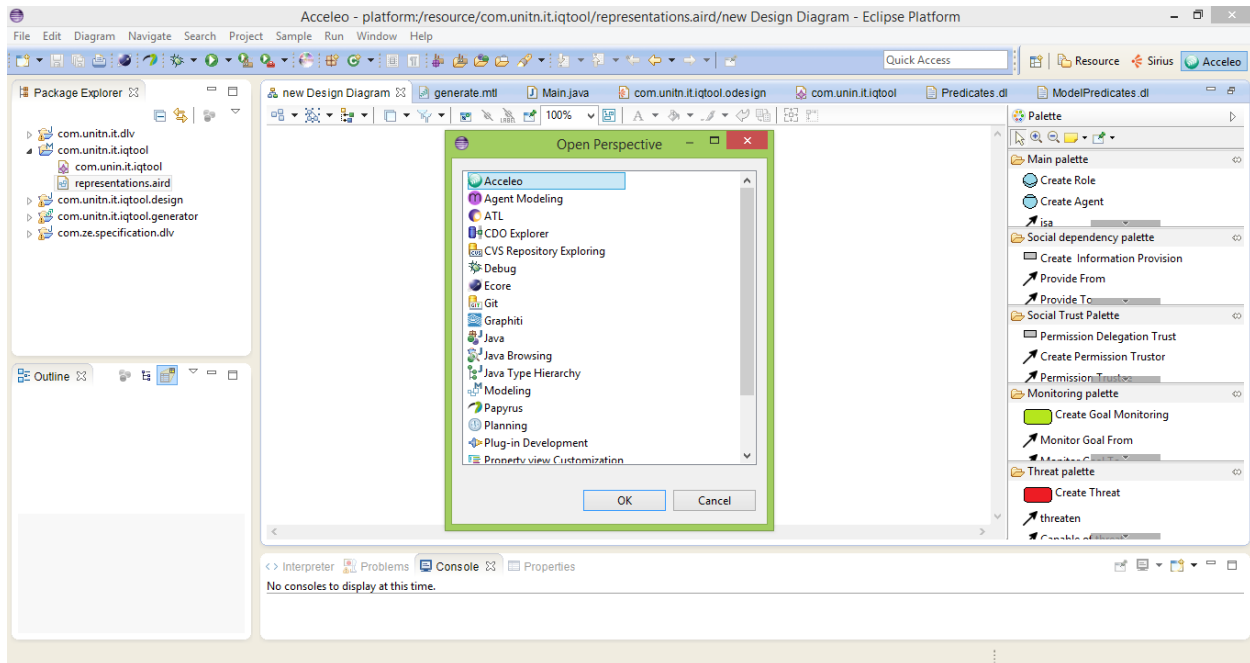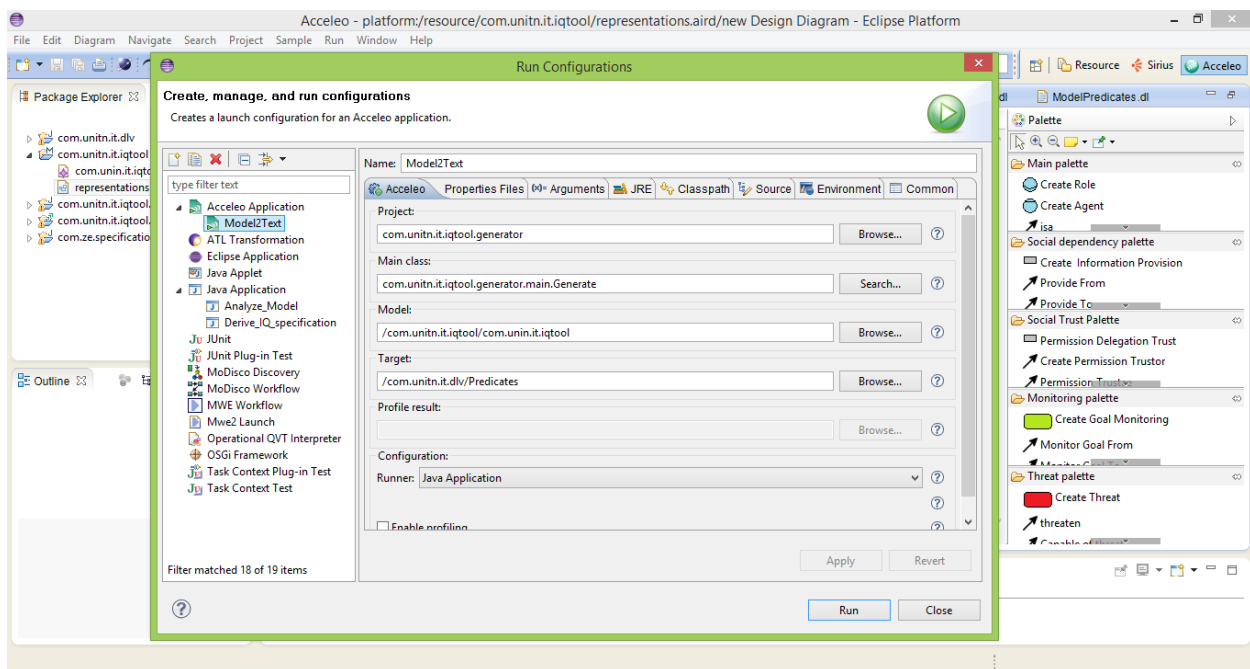

Figure 7

Figure 8

5- Run configuration and add Java Application new configuration and fill it as in figure 9;
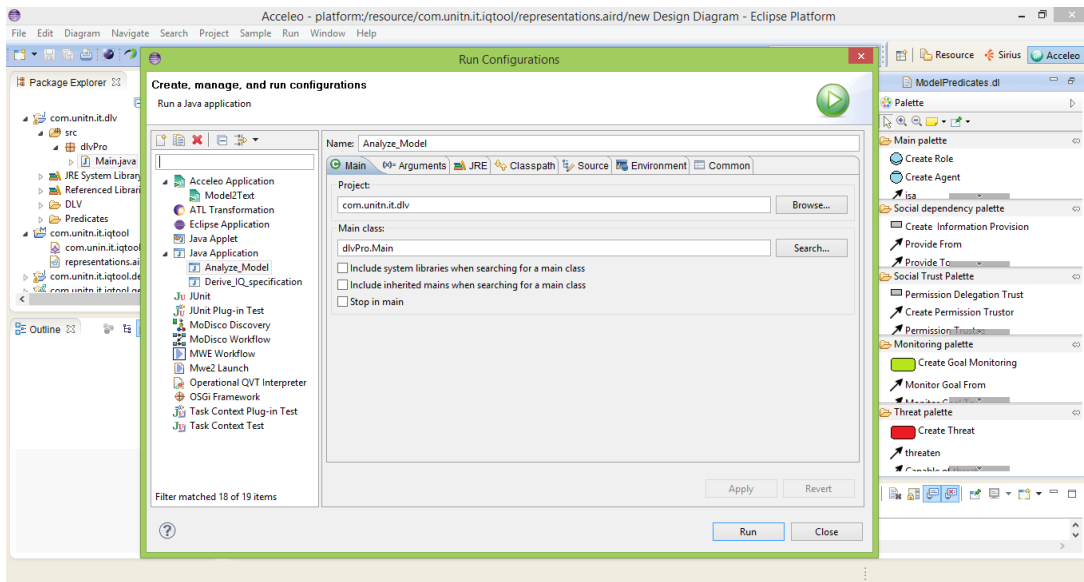

Figure 9

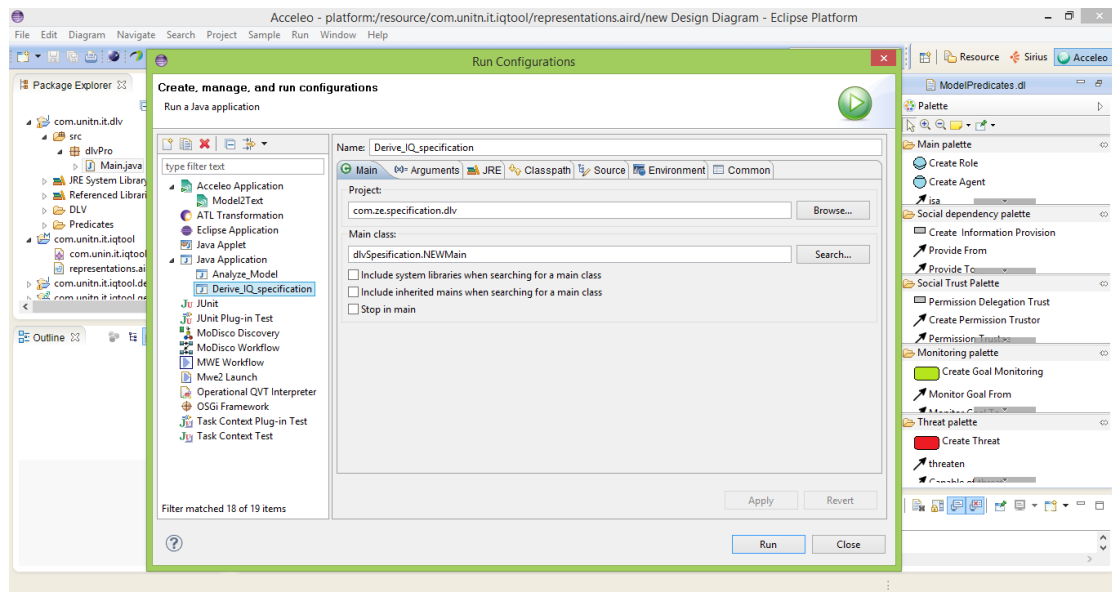6- Run configuration and add Java Application new configuration and fill it as in figure 10.

Figure 10