

CJJTOE Instruction Manual

David Corsar

May 15, 2007

Contents

1	Using CJJTOE	3
1.1	How To Install CJJTOE	3
1.2	sec:install	3
1.2.1	Prerequisites	3
1.3	How to Use CJJTOE	3
1.3.1	Running In Standalone Mode	3
1.3.2	Using CJJTOE Standalone	4

Chapter 1

Using CJJTOE

1.1 How To Install CJJTOE

1.2 sec:install

1.2.1 Prerequisites

CJJTOE in standalone mode is a Java application, and as such it requires a copy of Java 6 to be run. You can download and install this from <http://java.sun.com/javase/downloads/index.jsp>.

You will also need a copy of Jess, which is available from <http://www.jessrules.com>.

Download the `cjjtoe.jar` file from <http://www.csd.abdn.ac.uk/~dcorsar/software/cjjtoe/> and put it in the same directory as the `jess.jar` file (from the Jess download).

Thats it!

1.3 How to Use CJJTOE

1.3.1 Running In Standalone Mode

CCJTOE is currently available as a stand alone application, there are plans in the future to create a plug-in to Protégé.

In Windows

The easiest way to run CJJTOE in widows is to download the `cjjtoe.bat` file from <http://www.csd.abdn.ac.uk/~dcorsar/software/cjjtoe/>, saving it in the same folder as the `cjjtoe.jar` file. Then, go into Explorer and double click on the `cjjtoe.bat` file. You may need to edit it to tell it where to find Java. In this case, right click on `cjjtoe.bar`, select edit and change the text `C:`

Program Files

Java

`jre1.6.0`

`bin` to point to the folder where you installed Java.

Other platforms

Open a console window, change directory to wherever `cjjtoe.jar` is and type `java -classpath jess.jar;. -jar cjjtoe.jar`

1.3.2 Using CJJTOE Standalone

First, provide CJJTOE with the Clips, Jess, or JessTab file which contains the rule set you wish to extract the ontology from. Do this by pressing the **Select a file** button and using the resulting file chooser to select the file.

Enter the namespace for the ontology that will be created in the **Enter namespace** text field.

To help with parsing the code, select the box relevant to the type of code that you are providing: either Clips, Jess, or JessTab.

Press the **Infer Ontology** button, this will then update the text area at the bottom with the OWL code of inferred ontology. To save this to a file, press the **Save Inferred Ontology** button, and use the file chooser to select a file to save to.

If there are any errors parsing the Clips, Jess, or JessTab code, a dialog will pop up giving an appropriate message to help correct the error.