

Setting Up Euler (EYE) Within Eclipse:

- 1) Download YAP and install:
<http://www.dcc.fc.up.pt/~vsc/Yap/current/yap-5.1.3-installer.exe> (Windows)
- 2) Add the 'Yap\bin' folder to the Paths environment variable
- 3) Download WGet and install:
http://sourceforge.net/project/downloading.php?groupname=gnuwin32&filename=wget-1.11.4-1-setup.exe&use_mirror=voxel (Windows)
- 4) Download EulerSharp:
http://sourceforge.net/project/showfiles.php?group_id=77046
- 5) Copy the 'bin\Euler.jar' file to a safe location on your hard drive.
- 6) Create a new project in eclipse.
- 7) Copy the Euler.jar file to BOTH the Java JRE and JDK external libraries. For Windows, they are typically under:
"C:\Program Files\Java\jre6\lib\ext"
and
"C:\Program Files\jdk1.6.x_yz\jre\lib\ext"

Alternatively:

You may also add the jar file as an "external JAR" under:
Project->Properties->Java Build Path->Libraries->Add External JARs

- 8) The command to execute the Euler EYE engine is as follows:

```
euler.Eye.runEye(args);
```

Where 'args' are the arguments (explained next). Typically you will want to use a print statement to view the results of the execution.

9) Arguments for Euler EYE are as follows:

<options>* <data>* <query>

<options>:

--nope	no proof explanation
--no-branch	no branch engine
--quiet	incomplete e:falseModel explanation
--quick	do not prove all e:falseModel
--think	generate e:consistentGives
--help	show help info

<data>

 <n3_resource>

<query>

 --query <n3_resource>

i.e.

--nope "C:\eclipse-workspace\NewProject\P0001.n3"
 "C:\eclipse-workspace\NewProject\Globals.n3" --query
 "C:\eclipse-workspace\NewProject\Query.n3"