**Instructions for setting up Raptat environment**

**Windows platform:**

1. Download the Jdk 5 or above from the following link. Choose the 32/64 bit version as appropriate for your machine.

[*http://www.oracle.com/technetwork/java/javase/downloads/index.html*](http://www.oracle.com/technetwork/java/javase/downloads/index.html)

1. Configure the environment System variable JAVA\_HOME with the path to the jdk root directory.
2. Put this variable into the class path by appending the above variable (or alternatively the entire URL to the path variable value. E.g. append **%JAVA\_HOME %**)to the path variable’s existing value.
3. Download and install protégé version 3.3.1 using its installer.exe.

[*http://protege.cim3.net/download/old-releases/*](http://protege.cim3.net/download/old-releases/)

1. Download Knowtator 1.8 and unpack into the plugins folder of Protégé install dir.

[*http://sourceforge.net/projects/knowtator/files/Knowtator/*](http://sourceforge.net/projects/knowtator/files/Knowtator/)

1. Download Gate version 3764 or above and setup the **GATE\_HOME** variable to point to gate-6.0-build3764-BIN folder that contains gate.exe and gate.xml

[*http://gate.ac.uk/download/*](http://gate.ac.uk/download/)

1. Download lvg2011.tgz and unpack into your workspace directory. Follow installation instructions to setup the tool. After running the script the **LVG\_DIR** environment variable will have to be created and set with the path to the parent dir, lvg2011 folder. This would then have to be included in the class path.

[*http://lexsrv3.nlm.nih.gov/LexSysGroup/Projects/lvg/current/docs/userDoc/install/install.html*](http://lexsrv3.nlm.nih.gov/LexSysGroup/Projects/lvg/current/docs/userDoc/install/install.html)

1. *Download Eclipse Helios/Ganymede for 32/64 bit configuration as needed.* [*http://www.eclipse.org/downloads/*](http://www.eclipse.org/downloads/)
2. Install Sublipse plugin for source control, *through the* Help/install new software option in the main menu in Eclipse. [*http://subclipse.tigris.org/update\_1.6.x*](http://subclipse.tigris.org/update_1.6.x). After installing, customize perspective in Eclipse to show the SVN Repository.
3. Alternatively, use any of the other available SVN client software such as TortoiseSVN, SmartSVN.

[*http://tortoisesvn.net/downloads.html*](http://tortoisesvn.net/downloads.html)

1. Check out the main trunk or branch of the Raptat project from repository into your workspace
2. Then import the project into your Eclipse workspace as Java project.
3. Configure the build path from the jars folder that comes with the Raptat project.
4. Go to creole.xml file under the gateHome\plugins \OpenNlp folder tomake sure all the 3 resources –The OpenNLPSentenceSplitter, tokeniser and Phrase chunker are defined and (not commented out)
5. Refresh the tree and try running the application.

For UNIX/Linux or Mac platform, the conventions used in modifying file paths for setting environment variable used will have to be done accordingly. SmartSVN and Subclipse can be used for source control. Please refer to the Gate and LVG manuals for specific instruction for UNIX/Linux or Mac machines.