



Installation Guide

1. Install Java SDK

Make sure to install [Java SE Development Kit 7](#) or later version for your operating system. Mac OS X users can find some instructions [here](#).

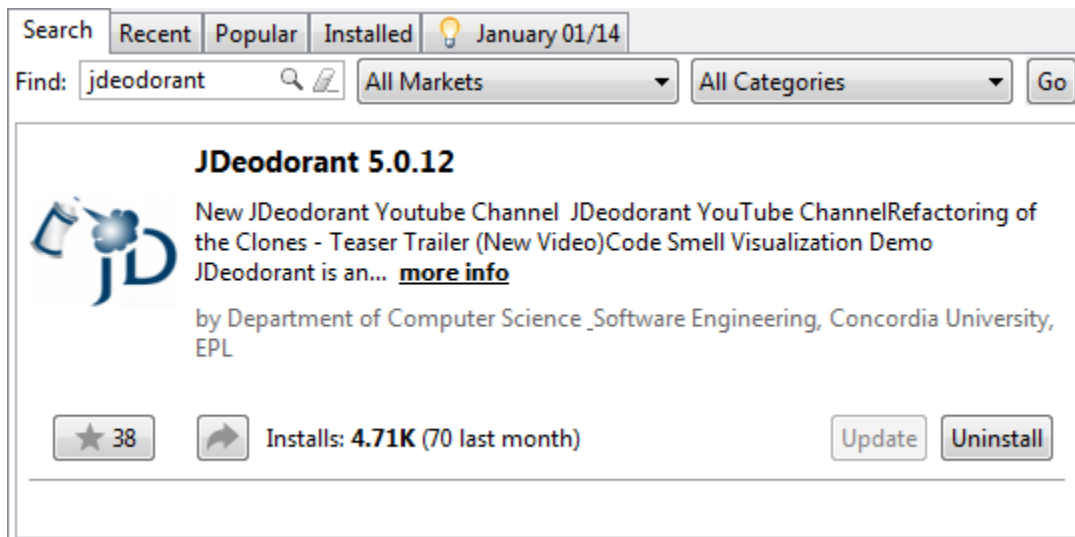
2. Install Eclipse

JDeodorant is compatible with Eclipse versions 3.7.x (Indigo), 4.2.x (Juno), 4.3.x (Kepler), 4.4.x (Luna), and 4.5.x (Mars). You can download the latest version for your operating system from [here](#). Make sure to select either the **Eclipse IDE for Eclipse Committers** or the **Eclipse IDE for Java EE Developers** packages. The plug-in does not work with the Eclipse IDE for Java Developers.

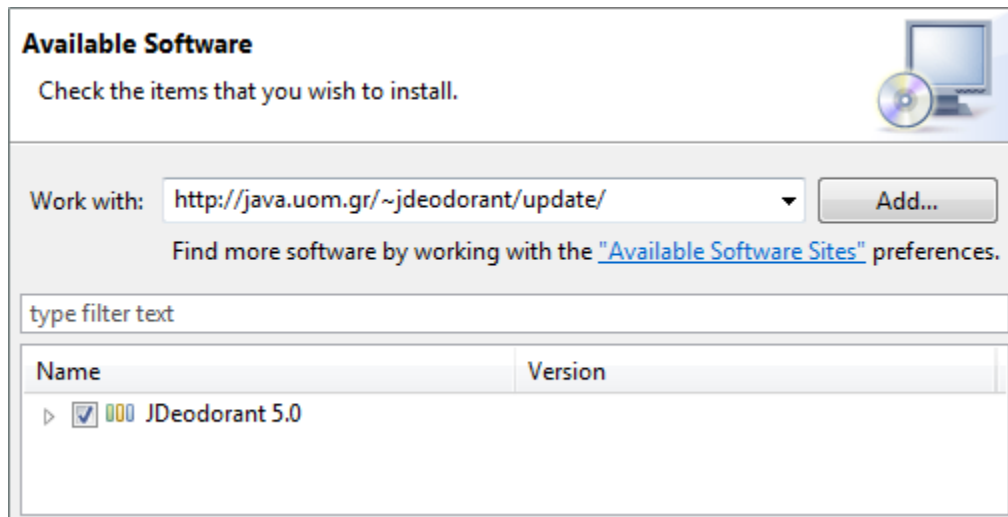
3. Install JDeodorant

The installation of JDeodorant is very easy! You have two options:

- Eclipse Marketplace Client:** Go to **Help -> Eclipse Marketplace...**, search for JDeodorant in the **Find:** box, and click **Install**.



- b) **Eclipse Update Site:** Go to **Help** -> **Install New Software...** and enter the URL <http://users.encs.concordia.ca/~nikolaos/update/> in the **Work with:** box.



4. Configuring JDeodorant

To allow the analysis of large projects, edit the **eclipse.ini** file inside the Eclipse installation folder and add the following parameters.

```
-vmargs  
-Xms128m  
-Xmx2048m  
-XX:PermSize=128m
```

You can adjust the `-Xmx` value according to your Operating System and available memory. The maximum value for `-Xmx` argument ranges from 1.4G to 1.6G on **32-bit Windows** systems and is limited to 2G on **32-bit Linux** systems. A higher value for `-Xmx` argument can be achieved by using a combination of 64-bit operating system, 64-bit Java VM and x86_64 Eclipse SDK release.

To access the `eclipse.ini` file in **Mac OS X**, right-click the Eclipse application icon, then click **Show Package Contents** to open a new Finder window displaying a Contents folder. Open the Contents folder, and then open the MacOS folder, in which the `eclipse.ini` file resides.

5. Attach Java source code

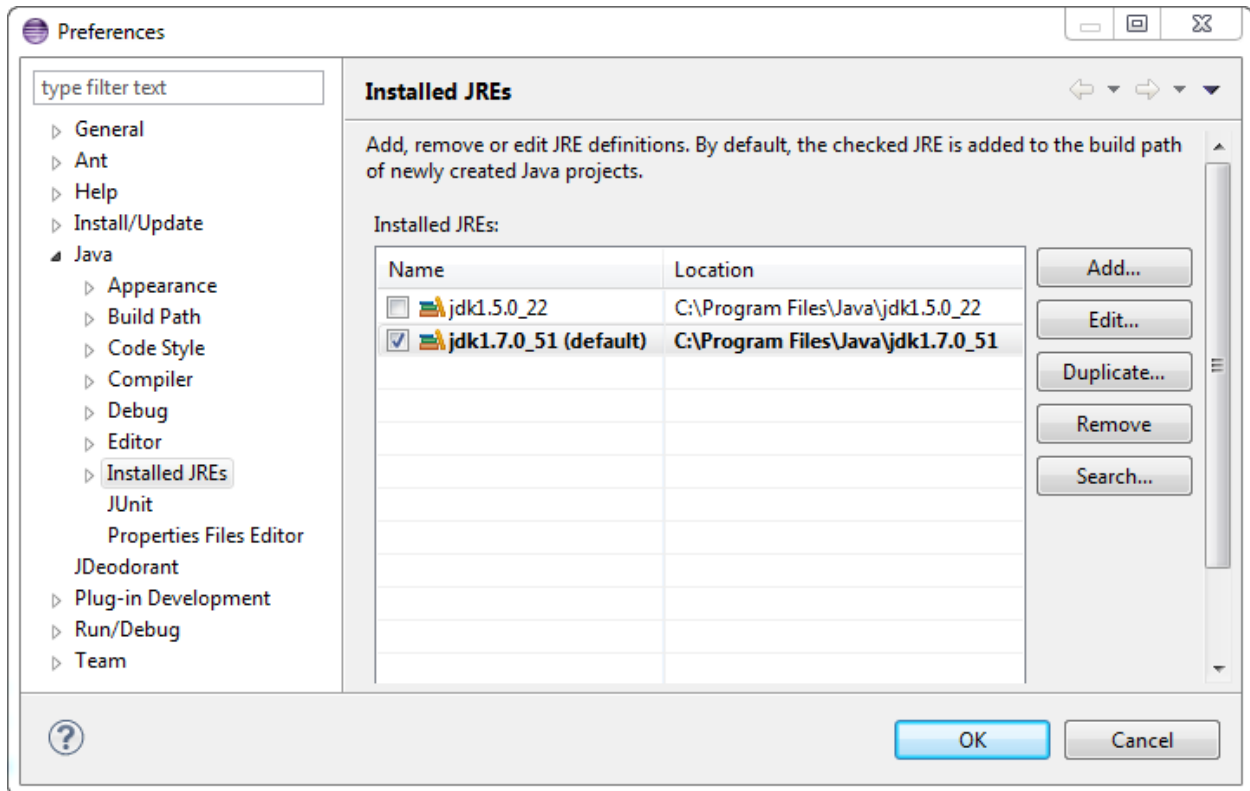
If you are using the latest version of Eclipse and JDK, this step is performed automatically.

In any case, go to **Window** -> **Preferences** -> **Java** -> **Installed JREs**

In the list of Installed JREs you should be able to see **jdk1.7.0_xx** as shown in the next Figure.

If not, click on the **Search...** button and point to the directory where JDK is installed (usually in **Program Files\Java** in Windows OS).

If you have multiple Installed JREs make sure that the **jdk1.7.0_xx** is selected as the **default** one.



Select **jdk1.7.0_xx** and click **Edit...**

The Java library **rt.jar** should have a **Source attachment** pointing to the Java SDK source code (usually in **Program Files\Java\jdk1.7.0_xx\src.zip** in Windows OS).

If there is no **Source attachment** value, click on the **Source attachment...** button and browse to the location of the **src.zip** file.

More detailed instructions for Windows OS and Mac OS X can be found [here](#).

