

# IDE setup for DiscourseDB

## 1. Download and Install the Java SE 8 Development Kit

<http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>

Under Linux, the OpenJDK 8 also works. Java versions older than 8 are not supported.

## 2. Download and Install “Eclipse Neon for Java Developers” (64bit)

We recommend using a fresh eclipse installation and a fresh workspace for the tutorial.

We strongly recommend using the eclipse installer

[https://wiki.eclipse.org/Eclipse\\_Installer](https://wiki.eclipse.org/Eclipse_Installer)

If you want to download the package without installer, the packages can be found here

<https://www.eclipse.org/downloads/packages/eclipse-ide-java-developers/neonr>

Other Eclipse Neon packages or older Eclipse distributions (Luna and newer) work too, but might require steps not described here.

## 3. Download and install the “Project Lombok” jar

<https://projectlombok.org/downloads/lombok.jar>

After downloading the jar, follow the installation instructions here:

<http://jnb.ociweb.com/jnb/jnbJan2010.html#installation>

If the installer does not detect your eclipse installation, point it to the location of your eclipse folder or the Eclipse.app (OSX). If it does not accept Eclipse.app as location, then use Eclipse.app/Contents/Eclipse/eclipse.ini. Under OSX, make sure your eclipse is installed in the Applications folder before installing lombok. If you used the eclipse installer, this should already be the case.

## 4. Install m2e-egit (Maven SCM handler for git)

- If Eclipse starts up in a splash screen, hit the button in the upper right that says “Workbench”.
- In the eclipse File menu, select Import > Maven > Check out Maven Projects from SCM
- In the next window, follow the link on the bottom to the m2e Marketplace (Note, this is not the eclipse marketplace)
- In the Marketplace, search for “m2e-egit” and install.

## 5. Import DiscourseDB from github

- In the eclipse File menu, select Import > Maven > Check out Maven Projects from SCM
- In the next window, fill in the following URL as SCM URL and make sure the SCM type is set to “git” in the dropdown menu  
<https://github.com/DiscourseDB/discoursedb-core.git>
- Click finish.

The code will be downloaded from github and Maven will build the codebase and set up eclipse projects.

The build process might prompt for your permission to install another m2e plugin component -- follow the dialogs and let it install. No further configuration is necessary.

All build errors should disappear after Maven finishes building the codebase, which could take a while.

### **In case you still have build errors after checkout:**

If this is not the case, right click any eclipse project, select Maven > Update Maven Project and in the following window check all DiscourseDB projects. Then click OK.