

# Hivemind Installation Guide

Required for installation/build:

- Android SDK (version at least 2.2)
- Titanium SDK (version at least 3.0)
- Java runtime: Oracle JDK (must use, no other brand is suitable)
- at least 2GB RAM

## Setting up the environment

Step 1. **Install Android SDK**- go to link <http://developer.android.com/sdk/index.html>

\*make sure your system meets the following requirements

### Operating Systems

- Windows XP (32-bit), Vista (32- or 64-bit), or Windows 7 (32- or 64-bit)
- Mac OS X 10.5.8 or later (x86 only)
- Linux (tested on Ubuntu Linux, Lucid Lynx)
  - GNU C Library (glibc) 2.7 or later is required.
  - On Ubuntu Linux, version 8.04 or later is required.
  - 64-bit distributions must be capable of running 32-bit applications.

### Eclipse IDE

- [Eclipse](#) 3.6.2 (Helios) or greater
- Note:** Eclipse 3.5 (Galileo) is no longer supported with the latest version of ADT.
- Eclipse [JDT](#) plugin (included in most Eclipse IDE packages)
  - [JDK 6](#) (JRE alone is not sufficient)
  - [Android Development Tools plugin](#) (recommended)
  - **Not** compatible with GNU Compiler for Java (gcj)

### Other development environments

- [JDK 6](#) (JRE alone is not sufficient)
  - [Apache Ant](#) 1.8 or later
  - **Not** compatible with Gnu Compiler for Java (gcj)
- Note:** Some Linux distributions may include JDK 1.4 or Gnu Compiler for Java, both of which are *not* supported for Android development.

Click Download the SDK button, and save to location where it is easiest to locate.

Step 2: **Install Titanium SDK**- go to link <http://www.appcelerator.com/platform/titanium-platform/>

Click “Download Titanium” button

\*If you do not already have an account, you must create one

After logging in, under “Get started with Titanium” you will see download links, choose the link to

your specific machine.

**Step 3: Verify SDK version-** once you have successfully installed Titanium SDK, open up titanium studio and go to help → check for titanium updates. If you have version 3.0 or later, currently installed then you should be set.

**Step 4: Android SDK integration-** now that you have the titanium sdk installed, next is to integrate android's sdk so that you can run builds on an emulator/device.

1. First go to the dashboard default window in the IDE
2. Select “Get Started”
3. Click android SDK
4. Click install/update, this will open up a new window prompting you to select your android SDK path
5. Locate the “tools” directory inside of the location where you had installed your Android SDK, click next
6. Now you should have Android manager show up, download api version 8 (2.2) later versions will work as well. No need to download samples, but make sure everything is checked off under the API version

**Step 5: Import Project-** go to <https://github.com/oddshocks/hivemind>

1. If you do not have a github account then you can just download the zip to the titanium workspace.
2. Go back into Titanium Studio and choose import → Titanium → Existing titanium project
3. locate hivemind
4. And you are set for environment setup

## Running Hivemind app

Now you should have the environment is all set up, click the play button located on the left panel, and choose whichever platform is most convenient for you.

\*you maybe prompted to enter run configurations, if so make sure the android API 2.2 is selected, or whichever version you had decided to install (2.2 or later)

\*Titanium is known for being a little buggy when running builds so you might have to try a couple times on an emulator