

# Clover-for-IDEA Installation Guide

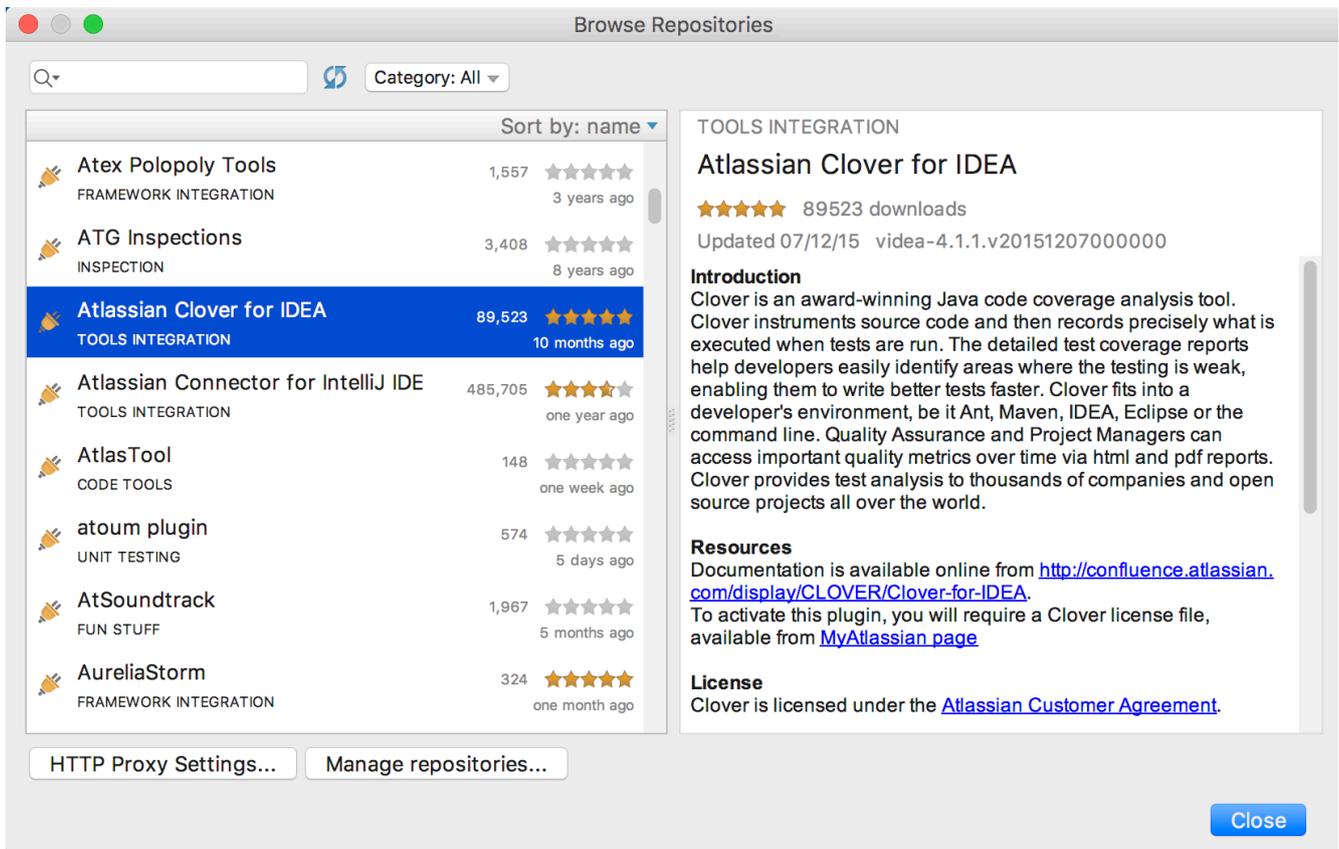
## Installing the plug-in from IDEA (recommended)

The easiest way to install Clover-for-IDEA is to select it from IDEA's plug-in menu.

1. Launch IntelliJ IDEA.
2. In IDEA 14 or newer go to the '**File > Settings > Plugins > Browse repositories**' (Linux, Windows) or '**I  
DEA > Preferences > Plugins > Brows repositories**' (OS X). In IDEA 13 or older go to the '**File >  
Settings > IDE Settings > Plugins > Browse repositories**'.
3. Select 'Atlassian Clover for IDEA' and click 'Install plugin'.
4. Close and re-start IDEA.

You can now begin using [Clover for IDEA](#).

Screen shot: *installing Clover from the IDEA plugin menu*



## Installing the plug-in manually

You can download the Clover-for-IDEA plug-in from [Atlassian Downloads](#) and install it manually as follows:

1. Shut down any running instances of IDEA.
2. Remove any previous versions of the the Clover-for-IDEA plug-in .jar file from the following plug-in installation locations:
  - a. IDEA\_HOME/plugins (all platforms)
  - b. IDEA\_HOME/config/plugins (all platforms excepting Mac OS X)
  - c. USER\_HOME/Library/Application/Support/IntelliJIDEA70 (Mac OS X only)
3. Copy the downloaded .jar file into the relevant location for your operating system:
  - a. IDEA\_HOME/plugins (all platforms)
  - b. IDEA\_HOME/config/plugins (all platforms excepting Mac OS X)
  - c. USER\_HOME/Library/Application/Support/IntelliJIDEA70 (Mac OS X only - create the directory if it

doesn't exist)

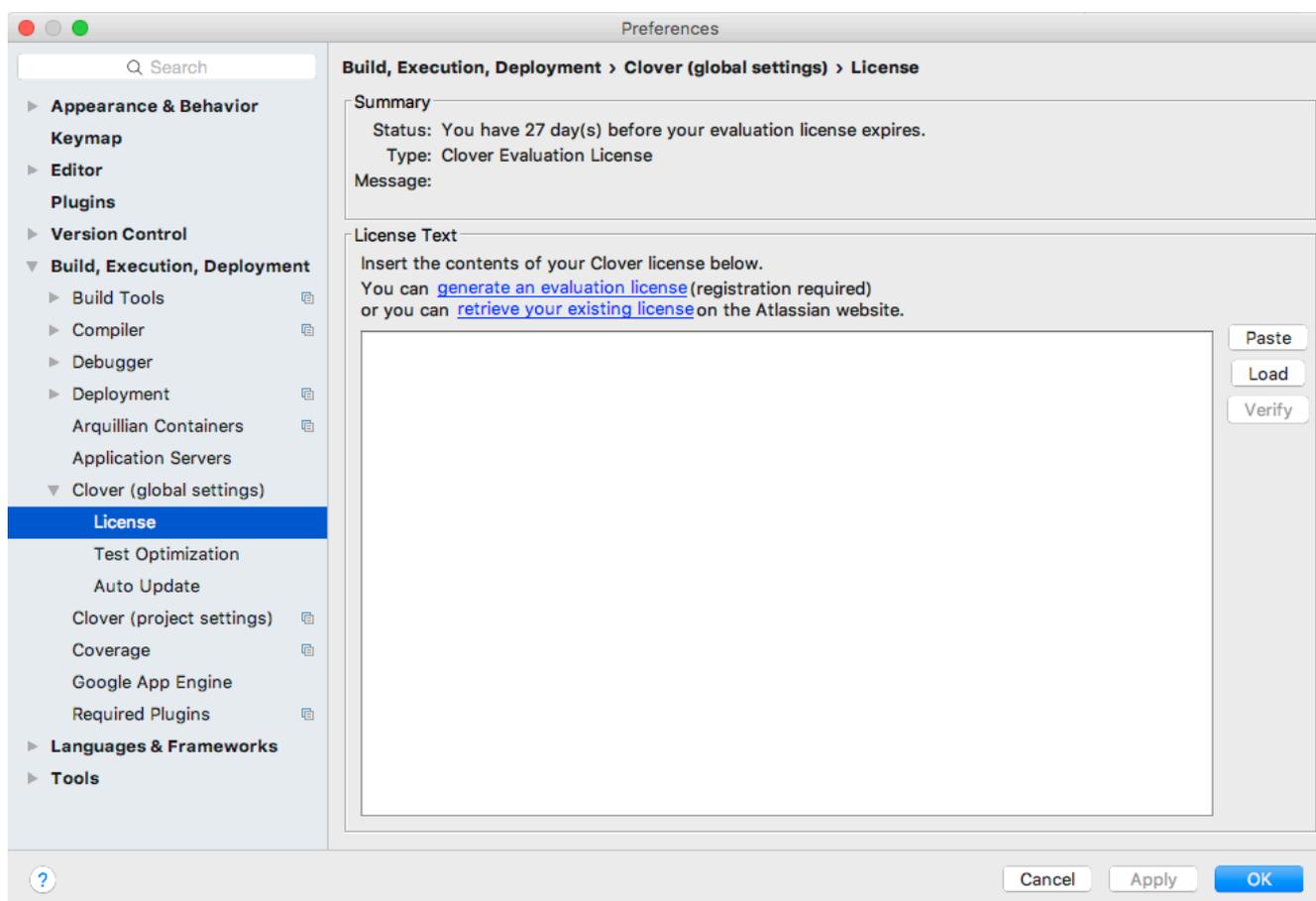
#### 4. Re-start IDEA.

## Entering a license key

Clover-for-IDEA comes with a bundled 30-day evaluation key. In case you wish to extend your evaluation period or you have purchased a license, you need to enter a new license key:

- Download license (or generate new one) from <http://my.atlassian.com>.
- Open the Clover license dialog in IDEA.
  - Open the **File > Settings** (Linux, Windows) or **IDEA > Preferences** (OS X) dialog.
  - Open the **Clover (global settings) > License** page - you can find it in:
    - the **Build, Execution, Deployment group** (IDEA 14 or newer and Clover 4.1.2)
    - the **Other settings** group (IDEA 14 or newer and Clover 4.1.1 or older)
    - the **IDE Settings** section (IDEA 13 or older)
- Click the '**Load**' button and select the 'clover.license' file you just downloaded.

Screen shot: the Clover license dialog in IDEA.



## Showing Clover tool bar

IDEA 13 and later hides the tool bar by default. Click "View -> Toolbar" from main menu to show Clover's buttons.



## Configuring compiler settings

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### IntelliJ IDEA 12

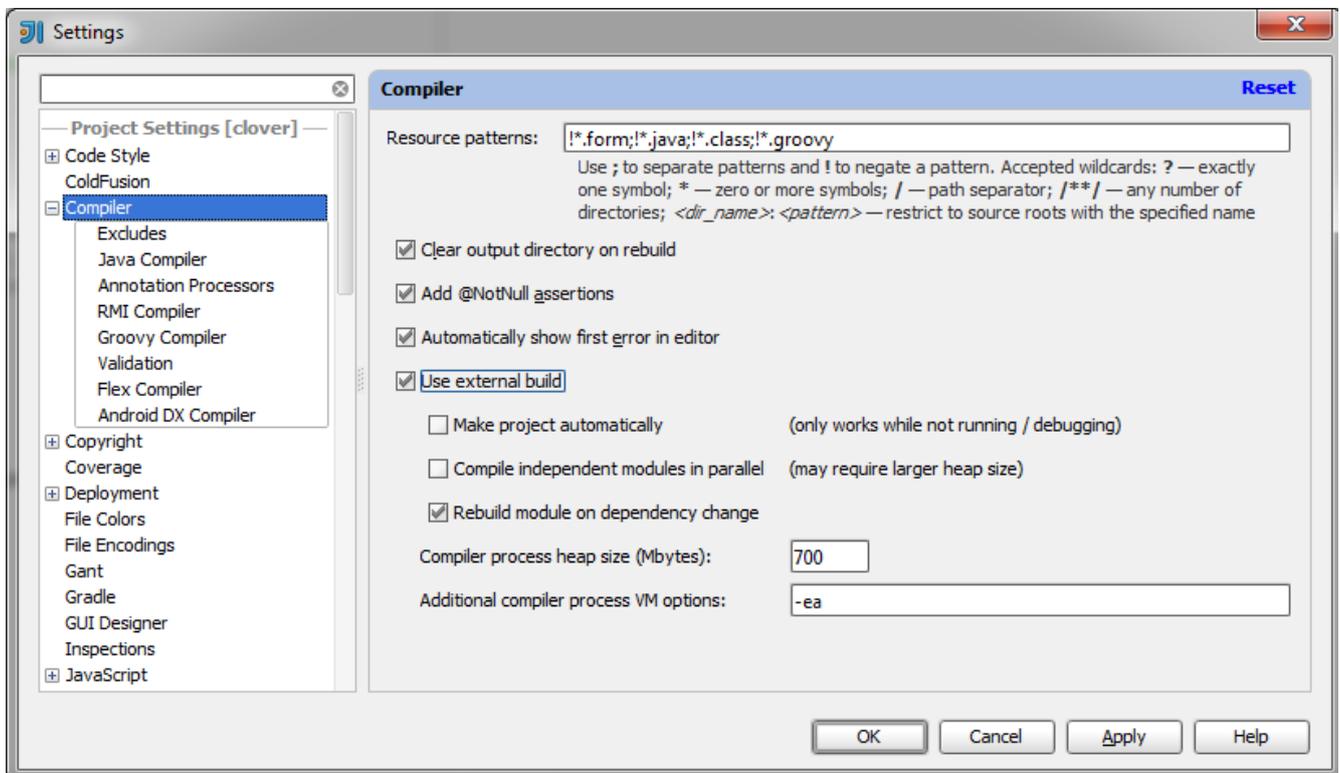
JetBrains IDEA **12.0** has a new compiler feature named "external build", which is enabled by default in project settings (*File > Settings > Project Settings > Compiler > "Use external build" toggle*). The IDEA 12 is supported since Clover version 3.1.8, however the support for "external build" feature is available since Clover version **3.1.12** and IDEA **12.1.1**. For older versions, i.e. the combination of Clover 3.1.8-3.1.12 and IDEA 12.0.0-12.1.0 please keep the "external build" feature disabled.

### IntelliJ IDEA 13

In the IDEA **13.0** the "external build" feature has become default setting and thus there's no 'Use external build' toggle available.

## Enabling the "external build" feature

Open the *File > Settings > Project Settings > Compiler* page.



Use the following state for toggles:

- *Use external build* - it can be either enabled (the new IDEA12 feature is used) or disabled (the "classic" IDEA build is used)
- *Make project automatically* - it's strongly recommended to disable this option; enabling it causes frequent compilation and faster growth of Clover database, which might affect performance
- *Compile independent modules in parallel* - it must be disabled; Clover does not support parallel build; follow the [CLOV-1293](#) for future updates

## Known Issues

- If you are using the Maven build tool, you should avoid using the same IntelliJ output directory as Maven does. As Maven uses the `target/classes` and `target/test-classes` directories, avoid specifying

these ones. The `clover.db` location for IntelliJ should also be distinct from that used by Maven.

## Uninstalling the Plugin

The easiest way to uninstall it is via '**File > Settings > Plugins**' (Linux, Windows) or '**IDEA > Preferences > Plugins**' (OS X). Just select the Clover IDEA Plugin from the list and click '**Uninstall Plugin**'. The removal will take place after you restart IDEA.

To uninstall Clover-for-IDEA manually:

1. Shut down any running instances of IDEA.
2. Delete the 'clover-idea.jar' file from its installation directory, either `IDEA_HOME/config/plugins` (all platforms), `IDEA_HOME/plugins` (all platforms except Mac OS X) or `USER_HOME/Library/Application Support/IntelliJIDEA70` (Mac OS X only)
3. Restart IDEA.