

# How to build plugin

## How to build JetGroovy sources from command line

- Check out the Groovy project from <http://svn.jetbrains.org/idea/Trunk/bundled/groovy/>
- Update to a new EAP of IntelliJ IDEA
- Make sure Ant is installed. This is tested with 1.7.1
- Make sure java and javac for 1.6 are in your path
- From the project root, copy the groovy.properties.prototype file to groovy.properties
- In the properties file, specify your Groovy Home, IDEA install home, and JDK Home
- From the command line, run: `ant -f packagePlugin.xml*` Your project directory should have a Groovy.zip file after the build is done

## How to set-up JetGroovy sources environment

- Check out the Groovy project from <http://svn.jetbrains.org/idea/Trunk/bundled/groovy/>
- Update to a new EAP of IntelliJ IDEA
- Open the Groovy.ipr file with IDEA
- You'll receive a warning about undefined GROOVY\_SDK\_PATH path variable. Make it point to your Groovy distribution directory.
- Open the Project Structure settings (Ctrl+Alt+Shift+S):
  - You will need to configure 2 JDKs:
    - "JetGroovy Runtime JDK": A JDK of version 1.3
    - "JetGroovy IDEA SDK": New IntelliJ IDEA SDK pointing to the last IDEA EAP with some 1.5 JDK as internal Java platform
      - Add IDEA\_HOME/lib/idea.jar to SDK classpath
      - Add IDEA\_HOME/plugins/JavaScriptLanguage/lib/JavascriptLanguage.jar to SDK classpath
      - Add IDEA\_HOME/plugins/CSS/lib/css.jar and css-openapi.jar to SDK classpath
      - Add IDEA\_HOME/plugins/peroperties/lib/properties.jar and css-openapi.jar to SDK classpath
      - Add IDEA\_HOME/plugins/JavaEE/lib/javaee-impl.jar to SDK classpath
      - Add IDEA\_HOME/plugins/Spring/lib/spring.jar to SDK classpath
      - Add tools.jar (for Windows) or classes.jar (for Mac) from your internal Java SDK directory to the current IntelliJ IDEA SDK classpath
- Run the make project command from IDEA's Build menu
- Now you can run/debug the plugin using 'JetGroovy' run configuration

## How to deploy the plugin

- Update groovy.properties as described in How to build JetGroovy sources from the command line
- Use Ant to run the default target in the build file packagePlugin.xml or from IDEA (Ant toolwindow, Build menu)
- A zip file will be generated in the project directory. Exit IDEA and unzip it to the IDEA\_HOME/plugins directory
- Restart IDEA