# Creating a new Plugin

1. Create a new repository on [GitHub](https://github.com/new).
2. Set up the plugin in Eclipse.
   1. Create a new Maven project in Eclipse.
      1. Open the file menu and select ‘New -> Other…’.
         1. Select the ‘Maven Project’ wizard and click ‘Next >’.
         2. Make sure the ‘Create a simple project (skip archetype selection)’ box is checked.
         3. Un-check the ‘use default Workspace location’ box and create the project in the GitHub workspace location instead (D:\Development\Github Workspace\).
         4. Click ‘Next ->’.
         5. Enter the following info:
            1. Artifact

Group Id: com.hackquest.shenlong55

Artifact Id: The plugin name in all lower case.

Version: 0.0.1

Packaging: jar

Name: The plugin name.

Description: A description of the plugin.

* + - * 1. Parent

Group Id: com.hackquest.shenlong55

Artifact Id: ddparent

Version: 0.0.1

* 1. Cleanup the pom file and add the DDCore project as a dependency and the maven-dependency-plugin as a plugin.
  2. Create a new Run Configuration.
     1. Set the name to ‘Deploy -pluginName-’.
     2. Choose the new project from the workspace as the base directory.
     3. In the ‘Goals:’ textbox enter ‘clean package’.
     4. Click ‘Apply’ and ‘Close’.
  3. Share the project to GitHub.
     1. Right-click the new project and select the ‘Team -> Share Project…’ option.
     2. Check the ‘Use or create repository in parent folder of project’ box.
     3. Click the ‘Create Repository’ button.
     4. Click the ‘Finish’ button.
     5. Commit the ‘pom.xml’ and ‘.gitignore’ files after ignoring the eclipse configuration files.
     6. Right-click on the repository and select the ‘Push Branch ‘master’…’ option.
     7. Enter the URI of the repository created in step 1 in the ‘URI:’ textbox and click ‘Next >’.
     8. Click ‘Next >’ and then ‘Finish’