

# Developing with Eclipse @ openSUSE 12.1

2o openSUSE Collaboration Summer Camp

Katerini July 2012

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# Welcome to Eclipse!



- Eclipse is a multi-language software development environment which provides an integrate development environment (IDE).
- It is written almost in Java.
- Work very well in the main platforms (Win , Linux , Mac)

# Eclipse main features



- Programming languages : *Ada , C/C++,Cobol,Haskel, Java ,Perl,PHP,Python,R,Ruby [and Ruby on Rails] ,Scala,Clojure,Groovy , Scheme*
- Control version systems : CVS,SVN, Git
- Issue tracker systems : Bugzilla, Trac, GoogleCode, Redmine
- Other features : Latex, Xwiki , UML Diagramms , Database Access
- Eclipse “App Store” for plugins : [Eclipse Marketplace](#)

# Eclipse's Releases

- First release at 21 June 2004 [version 3.0]. Since 2006 we have annual releases.  
(Callisto, Europa, Ganymede, Galileo, Helios, Indigo, Juno, Kepler)
- We will see the Indigo version because all the previous one versions do not support the Eclipse Marketplace.

# Installing Eclipse

- Visit the [Eclipse Indigo site](#) so as to download the bit version you wish (32 or 64 bit).
  - Download, browse and then extract the tar.gz file.
  - Launch the *KDE Menu Editor* (on KDE) or *Alacarte* (on Gnome 3.x) so as to add the Eclipse on the menus.
  - Then you can start Eclipse

# Installing Git

Install the following packages :

git, git-core , git-cvs , git-email, git-gui ,git-svn ,git-web, gitk

- After installing we follow the instructions given by Github [\[1\]](#) , [\[2\]](#) ,[\[3\]](#)
- In order to add an SSH Key into GitHub we go “*Account Settings*” → “*SSH Keys*” and then we add the key we created above (browse the *id\_rsa.pub* file)

# Questions



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