

Python Editors & IDEs

Sublime Text 3
&
PyCharm

757Python Meetup
12 May 2016
Joel Kirch

Editors

- Many to choose from:
 - IDLE (Default with Python)
 - Operating System Defaults
 - Windows: Notepad, Wordpad
 - Mac:TextEdit, VI
 - Linux: VI, nano, pluma (graphical), and many more
 - 3rd Party
 - Too many to choose from:
<https://wiki.python.org/moin/PythonEditors>

Sublime Text 3

- Download: <https://www.sublimetext.com/3>
- Cross Platform
- Demo
 - Colors / Fonts
 - Tabs
 - Split Editing
 - Multiple Selections
 - Batch Edits
 - Command Palette (*Ctrl-Shift-P*) `set sp`
 - Goto Anything (*Ctrl-P*)
 - Easy to enhance with plugins: <https://packagecontrol.io/>

Package Control

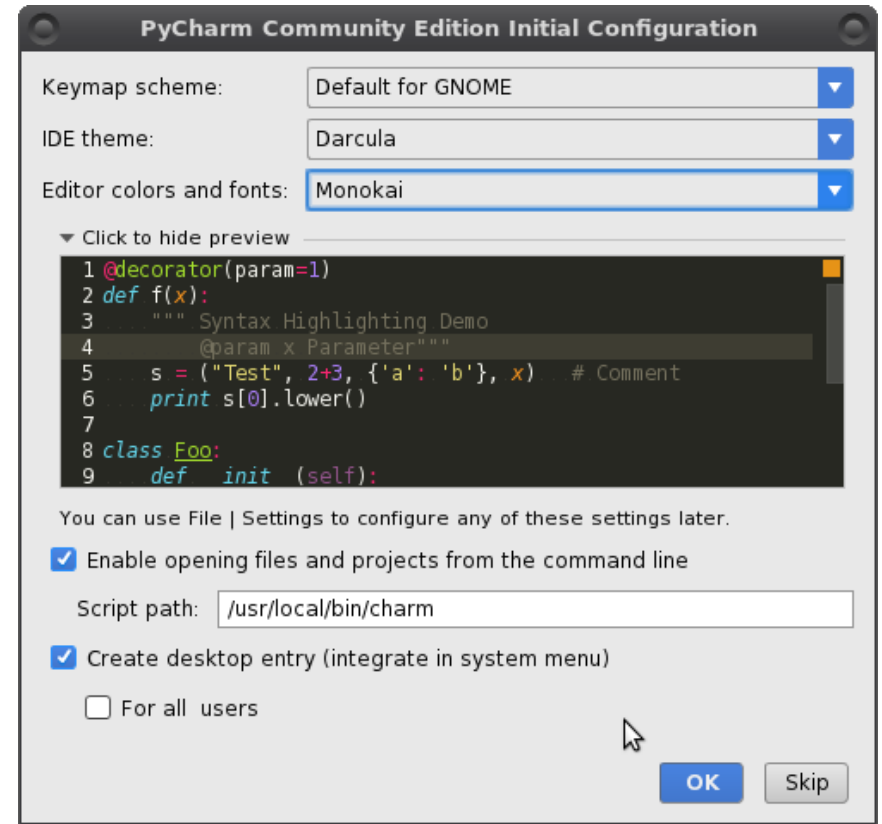
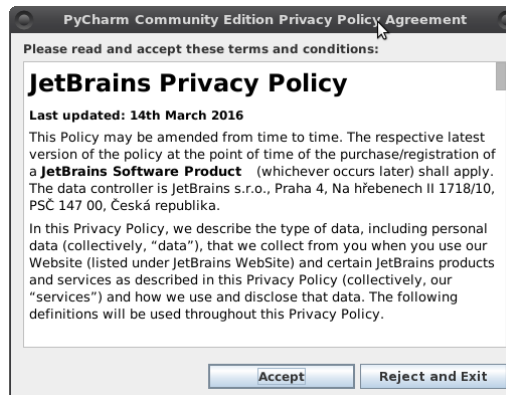
- Install
 - <https://packagecontrol.io/installation#st3>
 - Ctrl+` (yes, that's a backtick, it's above the Tab key)
 - Sublime Text console
 - You will need to close and restart the ST3 a couple of times to install the dependencies.
- Install a plugin (Ctrl-Shift-P) PCI
 - Compare Side-By-Side
- Demo

Integrated Development Environments (IDE)

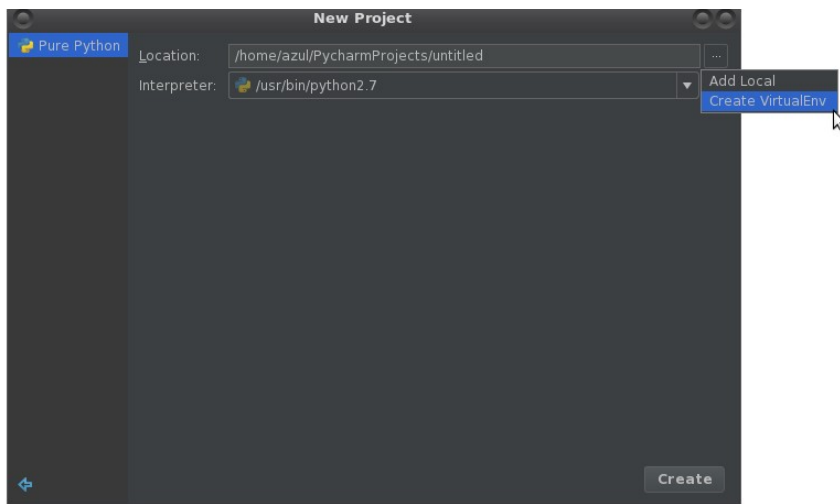
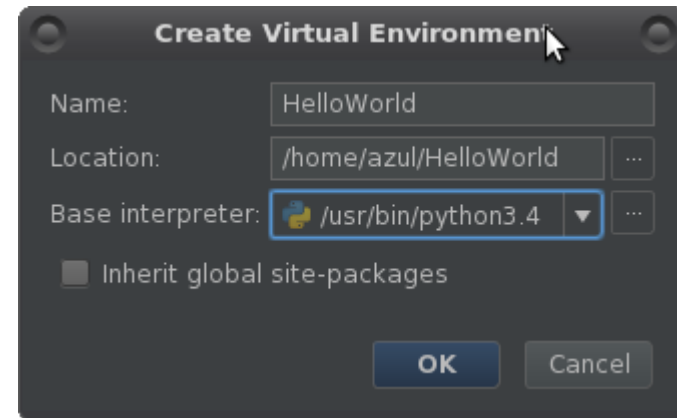
- Many to choose from:
 - No default from Python
 - No default from Operating Systems
 - Again, too many to choose from:
 - <https://wiki.python.org/moin/IntegratedDevelopmentEnvironments>

PyCharm

- Download: <https://www.jetbrains.com/pycharm/>
- Cross Platform
- Install
 - Accept User Agreement
 - Edit Settings
 - Restart application



PyCharm Demo



PyCharm Keyboard Shortcuts

- Mac
 - https://resources.jetbrains.com/assets/products/pycharm/PyCharm_ReferenceCard_mac.pdf
- Linux / Windows
 - https://resources.jetbrains.com/assets/products/pycharm/PyCharm_ReferenceCard.pdf