

LinuxDays Fall 2016 Spotlight Course

Developer's Toolkit - or things I wish someone had told me earlier...

In this repository, you can find the presentation and all the files for the demonstrations we did during the presentation.

To try out our build chain for the presentation, run `./build.sh`. You need `pandoc` and `pdflatex` for it to work.

The Demonstrations can be found in the `./resources/` folder.

How to Install LaTeX and pandoc

Ubuntu

```
apt-get install texlive-full pandoc
```

Further resources

(Most of these are clickable links!)

Vim

Vim “Tutorial”

- Just type `vimtutor` in your command line!

Youtube videos

- Thoughtbot (Channel)
 - “Improving Vim Speed” by Thoughtbot
- “Write code faster: Expert level vim” by Ben Orenstein
- vimcasts
- vimawesome
- Steve Losh: Well-known author of vim books
 - Practical Vim
 - Learn Vimscript the Hard Way

Themes

- vimcolors.com

Git

Youtube videos

- Git for ages 4 and up

Books

- Pro Git Book by Scott Chacon and Ben Straub

Recommended Tools

- tig
- git-cola

Buildtools

Java

- Apache Ant
- Apache Maven
- Gradle

C/C++

- cmake
- Makefiles
- autoconf
- For debugging: gdb, valgrind

Python

- setuptools

Unit Testing

Java

- JUnit

Python

- Python Nose Tests

Google Testing Suite

- <https://github.com/google/googletest>

Continuos Integration

- Jenkins
- Travis-CI