

CODE 102

Intro to Software Development

Class 2



Agenda

1. Review of previous class
 - Share your learning
-

2. Developer Tools
 - Text Editor
 - Terminal
 - Discussion Exercise
-

3. Installfest!
 - Operating Systems
 - Lab: Install and Configure
-

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<review>

What did you learn?

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Power Tools

“

I think one of the things that really separates us from the high primates is that we're tool builders. I read a study that measured the efficiency of locomotion for various species on the planet. The condor used the least energy to move a kilometer. Humans came in with a rather unimpressive showing, about a third of the way down the list. So, that didn't look so good. But, then somebody at Scientific American had the insight to test the efficiency of locomotion for a man on a bicycle. And a human on a bicycle blew the condor away, completely off the top of the charts.

And that's what a computer is to me. What a computer is to me is it's the most remarkable tool that we've ever come up with, and it's the equivalent of a bicycle for our minds.

—Steve Jobs, 1990

Text Editors

...There are many... Can you name some?

Word Processors

- Microsoft Word
- Google Docs
- Apple Pages
- WordPerfect?
- ...and many more

Code Editors

- GitHub's Atom
- Microsoft's VS Code, Visual Studio
- Notepad++
- Vim, Emacs, Nano, TextMate
- ...and many more

The Terminal

AKA: The Command Line Interface (cli)

File Explorer Tasks:

- Find files
- Change directories
- Move and copy files
- Open files
- Make new files / folders

Terminal Tasks:

- Find files, or file content
- Change directories
- Move and copy files
- Open files
- Make new files and folders
- ...and much much more

<demo>

<exercise>



Can you see why it matters?

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The Power of Abstraction

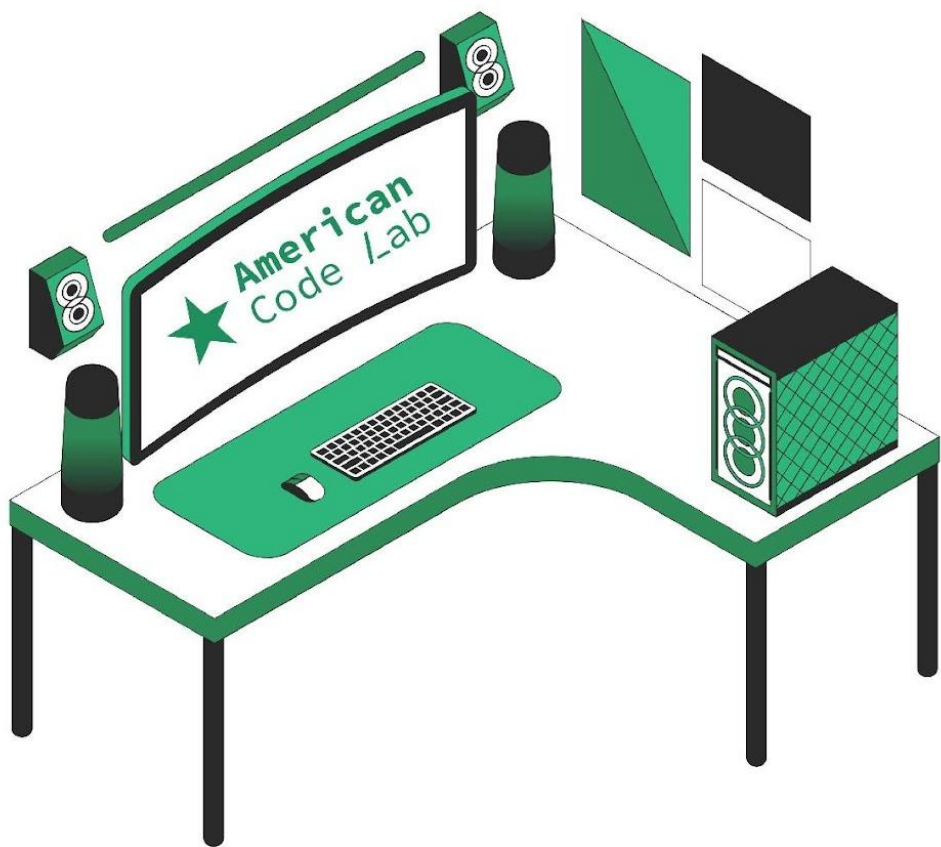


Ignore
Details
In
Layers
Above
And
Below

<exercise>



Installfest!



Thank you!