

# Modern WordPress Development Environment

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@Fitehal





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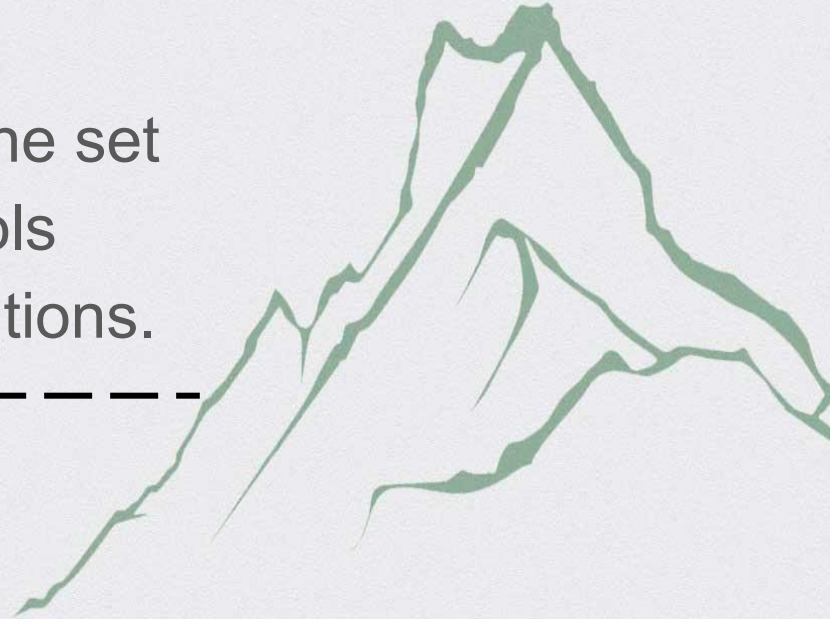
# What is a WordPress Development Environment?





The development environment is the set of processes and programming tools used to create the WordPress solutions.

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# WordPress Requirements



Apache or Nginx

Required

- PHP 5.2.4+
- MySQL 5.0+

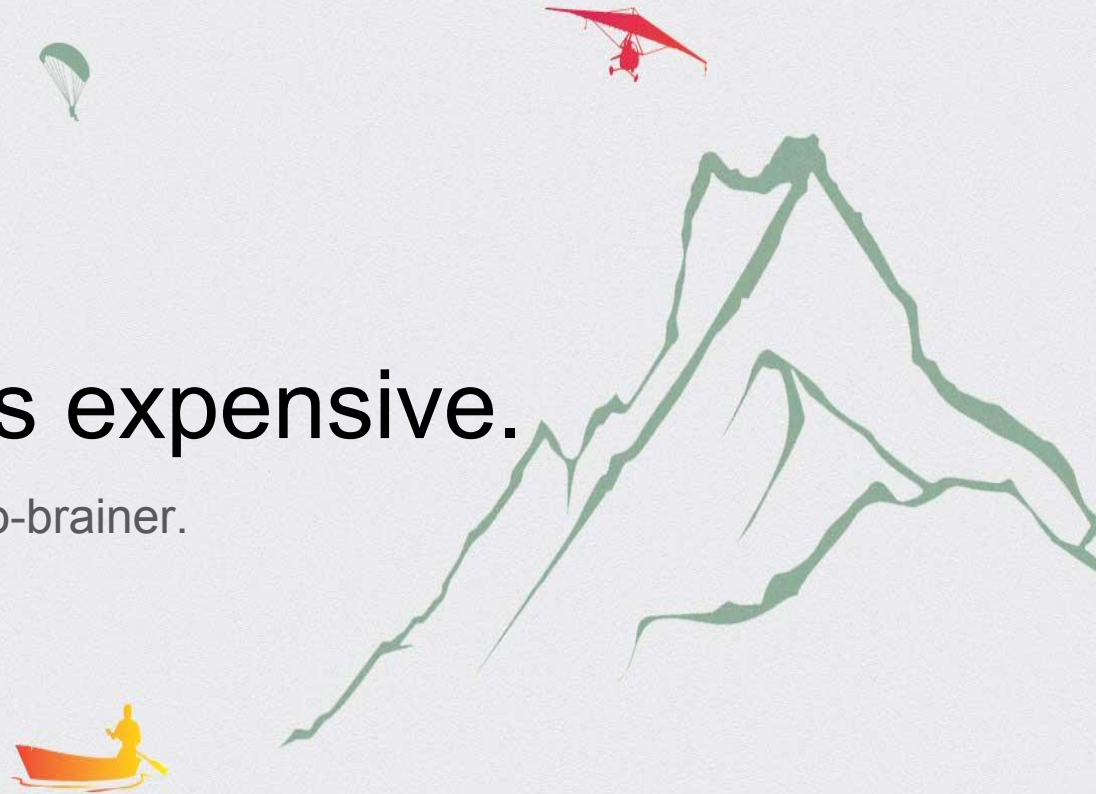
Recommended

- PHP 7.2+
- MySQL 5.6+ or MariaDB 10.0+



# Developer time is expensive.

Making it more productive is a no-brainer.





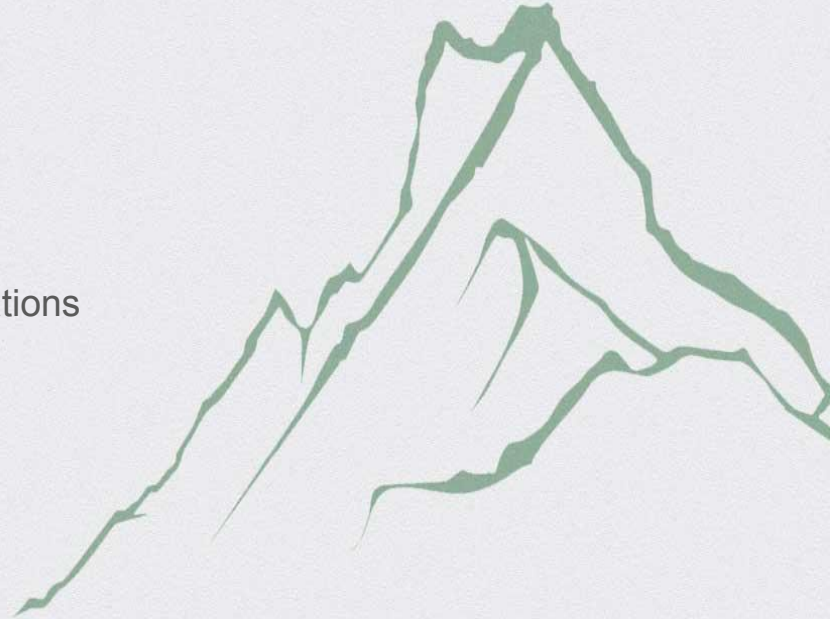
# How WordPress Developers spend their time?

Hint: It's not Coding



# Common Task

- Downloading WordPress & Extracting into Folder
- Setting up Database
- Running Famous 5 minute Install
- Downloading Desired Plugins / Themes
- Creating Pages / Linking Menu & Widgets & Customizations
- Images Optimization
- Code Linting
- CSS Processing
- Maintaining Various Version of Your Code
- Deploying to Staging Server



# Tools for Server Stack

- Laragon (Windows)
- Local by Flywheel (Win, OSX)
- Laravel Valet (OSX)
- EasyEngine (Linux)
- Ansipress (Linux)





# Editors / IDE's

- Sublime
- Atom
- VSCode
- Netbeans
- PHPStorm
- and Many more



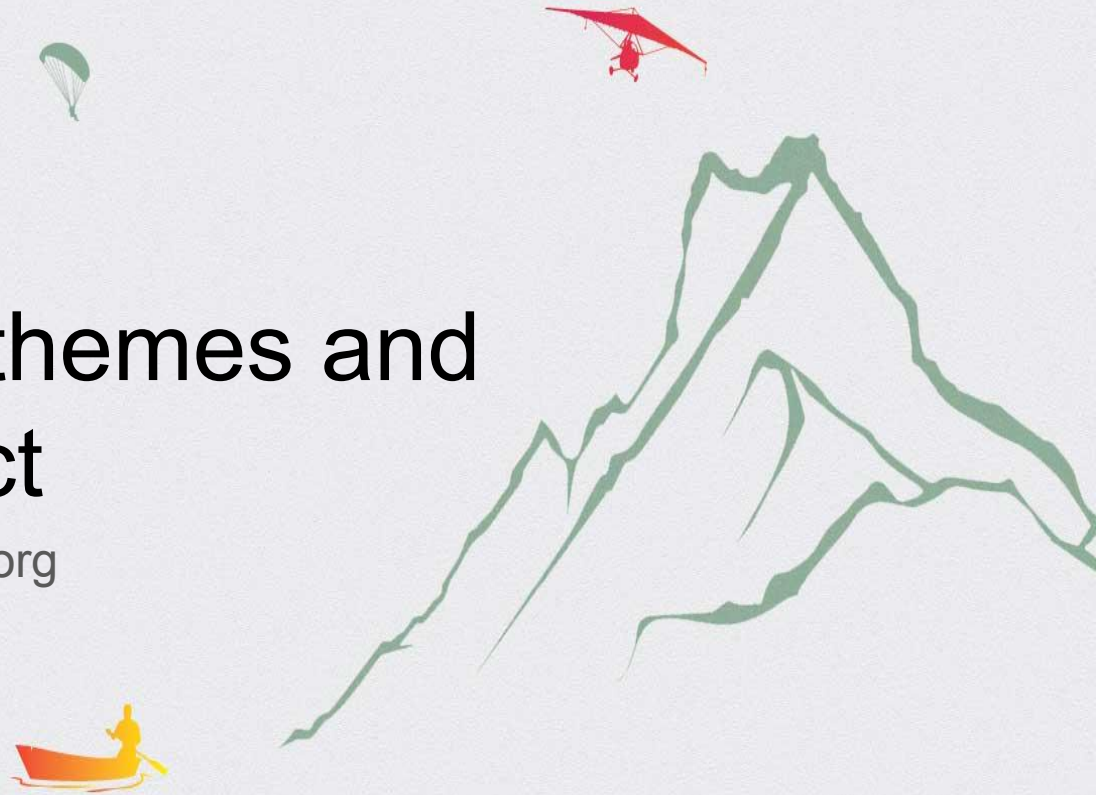
# WP-CLI

A Khukuri for WordPress Developers



# Adding Desired themes and Plugins to Project

Use Composer with [wpackagist.org](https://wpackagist.org)





# Automating Repetitive Task

- Process CSS
- Minify JS / CSS
- Compress Images
- Code Linting



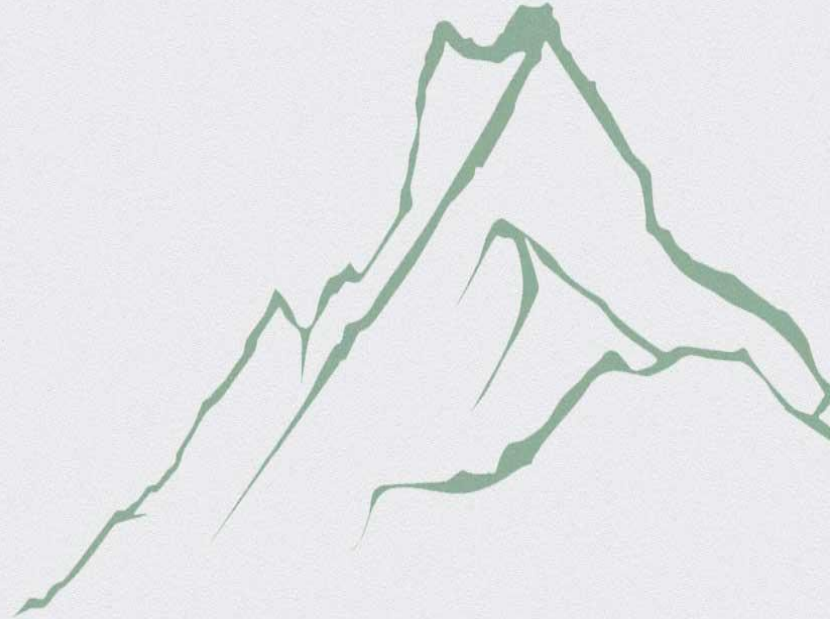
# Version Control



GitLab



**GitHub**



# ngrok

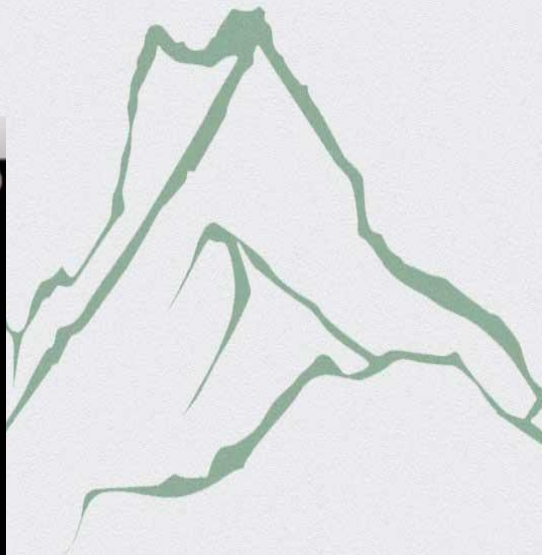
Let your client tunnel to your local Server



```
wpenv — valet share — valet — ngrok • valet share — 80x24
ngrok by @inconshreveable (Ctrl+C to quit)

Session Status      online
Account              (Plan: Free)
Version              2.2.8
Region               United States (us)
Web Interface        http://127.0.0.1:4040
Forwarding            http://57555428.ngrok.io -> wpenv.test:80
Forwarding            https://57555428.ngrok.io -> wpenv.test:80

Connections          ttl    opn    rt1    rt5    p50    p90
                   0      0      0.00   0.00   0.00   0.00
```

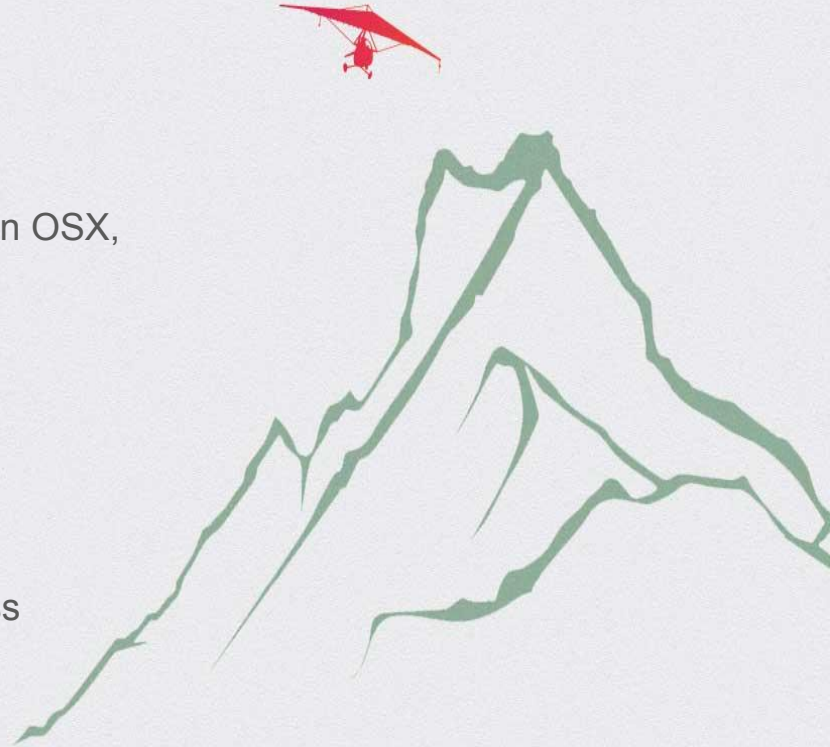




# Diving Deeper for Teams



- Docker / Vagrant - Virtualization based environments.
- Standardise you teams dev environments and tooling on OSX, Windows and Linux
- Easily Mimic your Production Environment locally
- WordPress Meta Environment - Vagrant Based  
<https://github.com/WordPress/meta-environment>
- Vagrant based development environment for WordPress plugins, themes or Website By Takayuki - [vccw.cc](http://vccw.cc)



# Thank you :)

If you have any doubt configuring / Choosing environment tools, Tweet me @Fitehal

These slides are available on Github

<https://github.com/deshabhishek007/presentations/>

