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Modern WordPress Development Environment

https://2018.ahmedabad.wordcamp.org/

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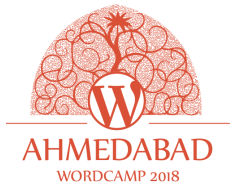
Yet another Developer from Non IT Background

What is a WordPress Development Environment?

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



WordPress Requirements

Apache or Nginx

Required

- PHP 5.2.4+
- MySQL 5.0+

Recommended

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

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Developer time is expensive.

Making it more productive is a no-brainer.

How WordPress Developers spend their time?

Hint: It's not Coding

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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 Swiss Knife for Developers

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Adding Desired themes and Plugins to Project

Use Composer with wpackagist.org

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Automating Repetitive Task

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

Version Control

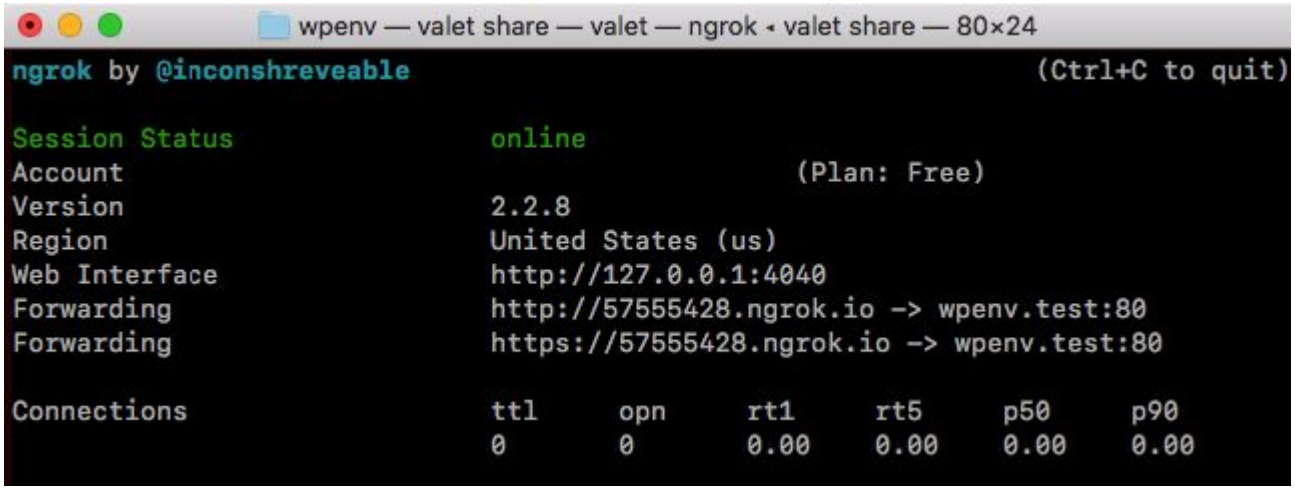
GitLab

Atlassian Bitbucket

GitHub

ngrok

Let your client tunnel to your local Server



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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
- Docker based dev environment for WordPress by Hardeep Asrani

  https://github.com/HardeepAsrani/pirate-brewery

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Thank you!

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