THE MODERN ERA OF PHP

PHIL BETLEY

@JPBETLEY
GITHUB.COM/JPBETLEY
PHIL@PHPROC.COM

MY STORY

HOW DID WE GET HERE?

RASMUS LERDORF
php

zend™
The PHP Company

PHP 5

PHP 5 FEATURES

- Standard PHP Library
- Type hinting
- Exception Classes
- PDO

PHP 5 OBJECT MODEL

- Classes (abstract) and interfaces
- Static Methods
- Magic Methods
- Autoload Method
- Zend Engine 2

PHP 5.1

- Date library overhaul
- Performance improvements (carries with each version)
- PDO enabled by default

PHP 5.2

- Better memory management
- JSON support
- Zip extension
- Input filtering
- File upload progress tracking

PHP 5.3

- Namespaces
- Late static binding
- Lambda and closure support
- True OOP
- Syntax additions

PHP 5.4

- Traits
- New array syntax
- Built-in web server
- Closures support `$this`

PHP 5.5

- Zend OPCache
- Password hashing API
- Generators
- `finally` keyword

OBJECT ORIENTED PROGRAMMING

DESIGN PATTERNS

- Factory
- Iterator
- Decorator
- Front Controller
- Model-View-Controller

AUTOLOADING

`__autoload()` CHANGED EVERYTHING

PAGE CONTROLLER PATTERN

FRONT CONTROLLER PATTERN

BECAUSE OF THIS BETTER STRUCTURE, WE CAME UPON...

THE RISE OF THE FRAMEWORKS

FRAMEWORKS

- Zend
- Codeigniter
- CakePHP
- FuelPHP
- Symfony

FRAMEWORKS

- Laravel
- Aura
- Kohana
- Many more!

CMS PLATFORMS

- Wordpress
- Joomla
- Drupal

PROBLEM

PHP FRAMEWORK INTEROPERABILITY GROUP

THE PSRS

- PSR-0: Namespacing and autoloading conventions
- PSR-1: Coding Standard
- PSR-2: Coding Style Guide
- PSR-3: Logging Interface
- PSR-4: Autoloading Enhancements

THE PHP RENAISSANCE

COMPOSER AND PACKAGIST

PACKAGE PROLIFERATION

- Guzzle
- Monolog
- Dingo/API
- Twig
- Doctrine
- The PHP League of Extraordinary Packages

TOOLS TOO!

NOT JUST PHP

VAGRANT

DISPOSABLE VMS

PUPPET
CHEF
ANSIBLE
VAPROBASH

VERSION CONTROL

- Git
- Mercurial
- Subversion

GITHUB AND BITBUCKET

NEW RUNTIME WITH HHVM AND HACK

LEARNING AND GROWING

TESTING

- PHPUnit
- PHPSpec
- Behat
- Codeception
- Phake
- Mockery
- SimpleTest

ADVANCED DESIGN PATTERNS AND ARCHITECTURE

- Action-Domain-Responder
- Command-bus Architecture
- Domain Driven Design
- CQRS
- Event Sourcing
- SOLID Principles

LOOKING TOWARDS PHP'S FUTURE

INTERNALS ALWAYS NEEDS HELP

HELP WITH PACKAGES (OR PUBLISH YOUR OWN)

HELP GROW THE COMMUNITY

HELP WITH NEWCOMERS

HTTP://PHPMENTORING.ORG/

KEEP LEARNING

- TutsPlus
- PHP The Right Way
- Laracasts
- Other Community Devs

KEEP CREATING AWESOME STUFF!

THANKS!

IF ANYTHING IN THIS PRESENTATION INTERESTS YOU AND YOU'D LIKE TO LEARN MORE, OR YOU WOULD LIKE TO GIVE A PRESENTATION AT OUR NEXT MEETING, COME TALK TO ME!

CREDITS

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