RogueWave SOFTWARE

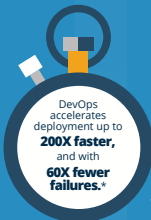# THE STATE OF PHP
IN 2017

PHP CONTINUES ITS DOMINANCE

Over 1,200 developers took part in our 2016 Developer Pulse survey. Here we present their data and our insights on what's happening with PHP 7, application security, DevOps maturity, and plans for making applications better.

⭐ DEVELOPERS ARE FASTER THAN EVER BEFORE

67% deploy code into production more than once a week

24% almost never encounter issues when deploying to production

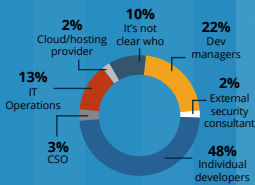The rest still have deployment challenges, so consider implementing DevOps strategies to reduce risks.

85% spend at least half their time delivering new functionalities

The rest spend most of their time resolving problems - we need to get better.

DevOps accelerates deployment up to **200X faster,** and with **60X fewer failures.***

*Puppet Labs

⭐ SECURITY IS BEING TREATED AS A FIRST-CLASS CITIZEN

Who is responsible for security?

- 2% Cloud/hosting provider
- 10% It's not clear who
- 22% Dev managers
- 13% IT Operations
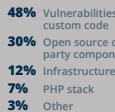- 2% External security consultant
- 3% CSO
- 48% Individual developers

48% of developers think they're responsible for code security

Adopting PHP 7, training, and testing gets you on a more secure path.

Security is a
TOP 3
concern for CIOs in 2017*
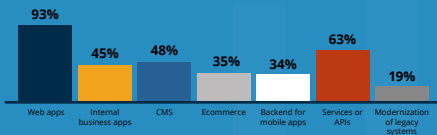*Forbes.com

Biggest security concern with PHP applications

- 48% Vulnerabilities in custom code
- 30% Open source or 3rd party components
- 12% Infrastructure
- 7% PHP stack
- 3% Other

⭐ TYPES OF APPS BEING BUILT

Despite the growth of JavaScript and new ways to use PHP (gaming, AI, POC), building web apps still dominates the PHP landscape.

- 93% Web apps
- 45% Internal business apps
- 48% CMS
- 35% Ecommerce
- 34% Backend for mobile apps
- 63% Services or APIs
- 19% Modernization of legacy systems

82% websites using **php***

*W3Tech stat

⭐ PHP 7 IS MOVING AT WARP SPEED

52% are planning to move to PHP 7 within 1 year

20% have already started to see the benefits of moving to PHP 7

b Badoo saved $1M dollars

t Tumblr reduced latency and CPU load by half

dailymotion Dailymotion handles 2X more traffic
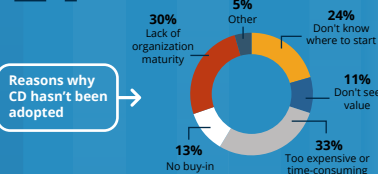
BENCHMARKS

MEMORY USAGE

PHP 5.6	PHP 7
428 MB	33 MB

EXECUTION TIME

PHP 5.6	PHP 7
.49 sec	.06 sec

⭐ CONTINUOUS DELIVERY IS WITHIN EASIER REACH

21% have implemented continuous delivery practices already

Reasons why CD hasn't been adopted

- 30% Lack of organization maturity
- 5% Other
- 24% Don't know where to start
- 11% Don't see value
- 33% Too expensive or time-consuming
- 13% No buy-in

⭐ WHAT ARE PHP DEVELOPERS READING?

69% Covet computer and technology books and guides

11% Can't do without their fiction and non-fiction favorites

4% Asked what are books? They've gone digital everything

The most popular author was Robert "Uncle Bob" Martin

WHAT **1,278** DEVELOPERS THINK ABOUT **php**