

TRAINING BRIEF

Duration

2 days

Audience

PHP Developers & SysAdmins -
intermediate and advanced level

Prerequisites

Intermediate level in PHP,
basic SysAdmin knowledge,
a minimum proficiency in
automated testing could be a plus

Learning objectives

Acquire in-depth knowledge
of the tool and methodology in
order to guarantee application
stability.

Methodology

The approach of this course gives a
real-world, hands-on experience with
the tools used during the training, in
order to allow their daily use that will
increase productivity and better meet
business requirements.

Training material provided

Access to the continuousphp
platform. Training manual given to
every trainee.

Optional support

Possibility to perform an in-depth
analysis of the existing methodologies
and tools, in order to adapt the course
to your development needs. Moreover,
continuousphp can coach your team
members after the training so that they
implement all the best practices they
learned during the training sessions.

TRAINING COURSE (available in French and English)

Continuous Deployment & Delivery for PHP Projects

DESCRIPTION

Setting up automated testing and deployment tools is the best and only way to ensure a consistent quality for your apps. It will detect and prevent application regression and improve end user experience. Combining these tools with Continuous Delivery and Deployment practices will allow you to update applications much faster and more frequently. This training will give you solid foundations on how to implement these tools and practices.

TRAINING PLAN

- I. **Practices**
 - 1.1. Definitions
 - 1.2. Comparison
 - 1.3. Limit Case
- II. **Workflow**
 - 2.1. Branching Model
 - 2.2. Semantic Versioning
 - 2.3. The Tool: Git-Flow
- III. **Builds**
 - 3.1. The Build Goals
 - 3.2. Building Dependencies
- IV. **Tests**
 - 4.1. Acceptance Testing
 - 4.2. Unit Testing
 - 4.3. Test Pyramid
 - 4.4. Test Toolbox Glossary
- V. **Deployment**
 - 5.1. Packaging
 - 5.2. Dependency migration
 - 5.3. Roll-Back
- VI. **Automation**
 - 6.1. Deployment Pipeline
 - 6.2. Tools