

# Course : Drupal, advanced development

Optional Drupal Expert certification

*Practical course - 1d - 7h00 - Ref. UPO*

*Price : 870 CHF E.T.*

This course will help you master Composer for managing source code, understand the benefits of Git, master its basic commands, set up a workflow and use CLI tools such as Drush and Drupal Console.

## Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Use Composer to manage project source code
- ✓ Understand the benefits of a code versioning system like Git
- ✓ Know how to use Git by learning the basic commands
- ✓ Setting up a workflow
- ✓ Know how to use command-line administration (CLI) tools : Drush and Drupal Console

## Intended audience

Développeurs Drupal front et back end souhaitant optimiser leur métrologie de développement, chefs de projet technique souhaitant mettre en place une méthodologie de travail efficace.

## Prerequisites

To have followed or have knowledge equivalent to the training course "Drupal, developer" (ref.UPD).

## Practical details

### Exercise

Cette formation repose sur une pratique intensive de la philosophie générale Drupal.

### Teaching methods

Inductive and interactive teaching methods.

## Course schedule

### PARTICIPANTS

Développeurs Drupal front et back end souhaitant optimiser leur métrologie de développement, chefs de projet technique souhaitant mettre en place une méthodologie de travail efficace.

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### TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

### ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more.

Participants also complete a placement test before and after the course to measure the skills they've developed.

## 1 Using Composer

- The roles and principles of Composer
- Overview of the libraries managed by Composer in a Drupal project
- The composer.json, composer.lock and autoload.php files
- Basic Composer commands
- Choosing the extension for using Composer in a Drupal project

## 2 Using Git

- What is Git?
- Essential controls
- Manage branches
- Creating patches with Git
- Tag creation
- Workflow: Git branch model
- What should be versioned in the project source repository?

## 3 Using the Drush and Console tools

- What are Drush and Console?
- Essential controls
- Deployment use cases
- Command-line code generation

## Options

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La certification repose sur les acquis de la formation et la mise en pratique intensive à 6 mois. L'examen de certification est un QCM de 60 questions qui se déroule sur 90 minutes. Il est à planifier après la fin de la formation, en ligne et à distance. Les formations "Drupal Déploiement et industrialisation" (réf.UPI) et "Drupal sécurité et performance" (réf.UPP) sont des compléments nécessaires pour optimiser le passage de la certification Drupal Expert.

### Certification : 310€ HT

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## Dates and locations

### REMOTE CLASS

2026 : 12 June, 23 Sep., 15 Dec.

### TEACHING AIDS AND TECHNICAL RESOURCES

- The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
- At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
- A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

### TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

### ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at psh-accueil@orsys.fr to review your request and its feasibility.