SensioLabs
Créateur de *sf* Symfony

Advancing in Symfony 7

Duration : 14 hours / 2 days
Code : SF7ADVANCED
Public : Développer PHP
Prerequisites : Good knowledge of PHP and object oriented programming. Mastery of Symfony 7 fundamentals. See the SF7-START training.

Price

1 290 € per person

Qualiopi
processus certifié
RÉPUBLIQUE FRANÇAISE

Quality certification has been awarded for the following training category: training activities.

Goals : During these 2 days of training, the objective of this training is to take control of the framework to master its different cogs. You will learn the principle of dependency injection and learn how to use the service registry appropriately and effectively. You will also learn how to interact with the functioning of Symfony via events, and you will learn how to configure an access rights policy on the application. Finally, for a practical approach to Symfony, you will create your own commands to make your developer's life easier.

Teaching and technical methods

Our curriculum is designed according to the following principles:

· Distribution of learning time between 40% theory and 60% practice.
· Practical application through exercises.
· Regular exchanges with the trainer and participants.

Teaching materials: the trainer will share the course materials. For remote sessions, the training courses will be recorded and the videos will be available on a revision platform for one month.

Teaching materials: provision of all collaborative materials.

Technology: For distance learning courses, a Google Meet link is used to display the training material and support practical exercises.If you are a learner with a disability, we are here to help you identify the most suitable adjustments to the teaching methods and materials or the relevant human assistance.For more information, please contact **our disability advisor**: laurent.vaquette@sensiolabs.com / 01 86 65 72 25

Assessment methods: A multiple-choice test is conducted during and at the end of the training course.
This allows participants to validate their knowledge and revisit any points they have not fully understood.
A certificate of completion is issued to the learner.
A copy of the attendance sheet is sent to the sponsor.

Teaching resources

SensioLabs has designed a unique Symfony training experience combining classroom learning and e-learning. In addition to the training, access to the SensioLabs University Platform is provided for one month. This access allows participants to continue reviewing concepts, track their progress, and stay in touch with the trainer.

Registration procedures

Orders must be placed using the registration form on our website, by emailing Training training@sensiolabs.com or by telephone.Registration will be finalised upon receipt of the signed quote and full payment or an agreement from an OPCO (joint commission for collective training) to cover the costs, before the start of the training course.

Take a classroom-based or remote training course with Symfony-certified trainers and the SensioLabs University e-learning platform.

A platform accessible at any time

Course materials that can be viewed and downloaded directly

Additional resources: exercises, videos, tests, etc.

Online chat with the trainer

Day 1

Obtaining data remotely

- Introduction to the HttpClient component
- Preparing requests using ScopedClients

Organising your code

- Environments in Symfony
- Introduction to dependency injection and Symfony services
- Using the best way to determine available services
- Using autowiring to inject dependencies into a constructor, setter or attribute
- Completing a service using decoration

Decouple your code

- Introduction to events and how to propagate them in a Symfony project
- Creating subscribers and listeners
- List of important events to be aware of in a Symfony application

DAY 2

Secure your application

- Introduction to authorisation in a Symfony project
- Checking your users' roles to give them access to certain application resources
- Creating custom voteurs to handle rare situations that require special checking in PHP

Serializing your data

- Introduction to the Serializer component
- Serialization contexts and groups
- Normalizing complex data
- Creating a customized normalizer

Online revision platform

DAILY TESTS

VCS Files

Symfony > Components > Finder

By default, the Finder ignores popular VCS files, what is the method to use them ?

Choices

○ `$finder->ignoreVCS(false);`

○ `$finder->enableVCS();`

○ `$finder->ignoreFiles(array('vcs' => false));`

○ `$finder->enableVCSFiles();`

○ `$finder->useTypes(array('vcs' => true));`

Submit answer

Symfony 4 Fullstack

Daily test

Question 1 / 20

Started **22 days ago**

- Test yourself once a day with a 20-question multiple-choice quiz.

- Find a database of over 1,200 questions on PHP, object-oriented programming, Doctrine, Twig, and more.

SKILLS MATRIX

- Track your level on each Symfony theme and component.

- Find the results of your skills on each test in matrix form.

- Visualise the areas in which you still need to improve.