

Getting started with Symfony 6

This training is the best starting point to prepare you for the advanced tools and uses of the Symfony 6 framework with its creators. SensioLabs University has designed the best Symfony training experience by combining face-to-face and e-learning. In addition to face-to-face training, access to our online review platform for 1 month allows you to combine different learning practices, test your skills, follow your progress and stay in touch with your trainer on throughout the duration of the program. This course is not only designed to get you started with Symfony 6, it is also the ideal course for learning "Official Good Practices" and the best tips from Symfony experts.

Requirements: Mastering PHP essentials

Learning material

SensioLabs University has designed the best Symfony training experience by combining in-class sessions and eLearning. In addition to training sessions, access **our eLearning platform** for 1 month to mix various learning practices, validate your skills, track your progress and stay in touch with your trainer throughout the program.

The course materials will be available within the personal space of each participant. SensioLabs trainers are Symfony certified and practice continuous monitoring during face-to-face training. Computers are available to participants on request.

Learn Symfony with Symfony certified trainers and the SensioLabs University eLearning platform:



A platform available at any time



Read and download your course materials



Additional resources: exercises, videos, test...



Online chat with your trainer

Program

Introduction

- Overview of the Symfony project, including license, releases, roadmap, guidelines with Symfony framework and useful components as example of doable things.
- Work environment and Symfony command line tool.
- Installation of a Symfony project.

First steps with Symfony

- How to handle a Request - Response flow
- Create your first web page
- Fine-tune your application routes with parameters and requirements
- Best practises when using controllers and their helpers

Introduction to functional tests

- Explanations about automated tests and functional tests.
- Get ready with PHPUnit to run automated tests.
- Write your first test to check a status code over a web page.
- Use a data provider to provide URLs to be checked.

Templating with Twig

- Introduction to Twig
- Learn Twig's basic syntax
- Use the Dot syntax helper in your templates
- Use Twig to loop over data from a controller and test some conditions to design your web page
- Use layout techniques with inheritance and template inclusions to reduce your template
- Best solutions to get help with the Symfony console and the web profiler
- Create dynamic URLs in your templates to access another web page or link an asset

Web assets with Webpack Encore

- Short introduction to Webpack Encore and Yarn
- Installation and configuration of the required bundle
- Optimize your assets with Webpack Encore

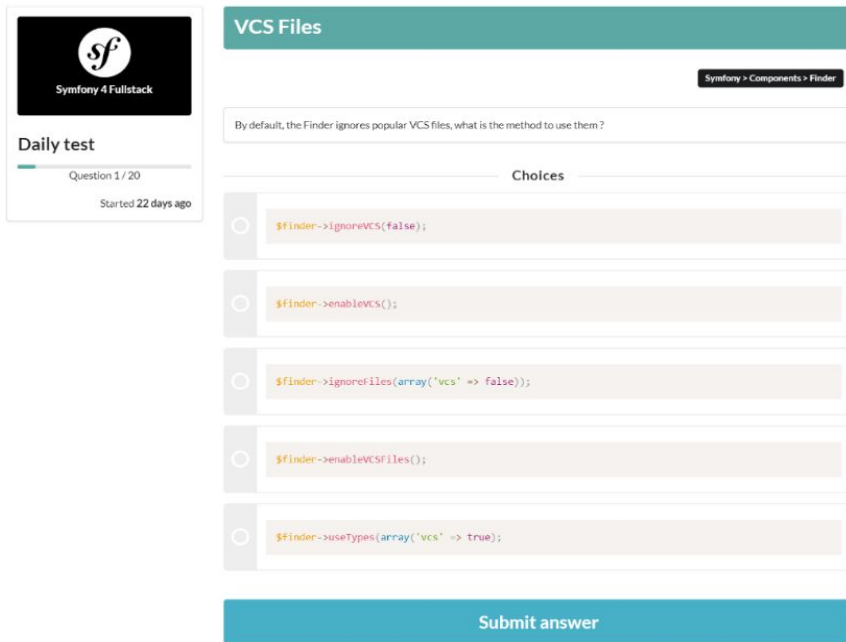
Introduction to Doctrine

- Introduction to the Doctrine ORM and configuration of your project to access the database
- Create your own entities and their mapping with the Symfony maker
- Create and apply migrations to manage the state of your database at anytime
- Handle relations between 2 entities
- Store data in the database by using a controller
- Retrieve data from the database by using built-in or custom queries.

Forms

- Introduction to Symfony forms
- Create your own form with custom types
- Handle submitted data
- Use Symfony built-in constraints to get validated data

eLearning platform



Symfony 4 Fullstack

Daily test

Question 1 / 20

Started 22 days ago

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));`

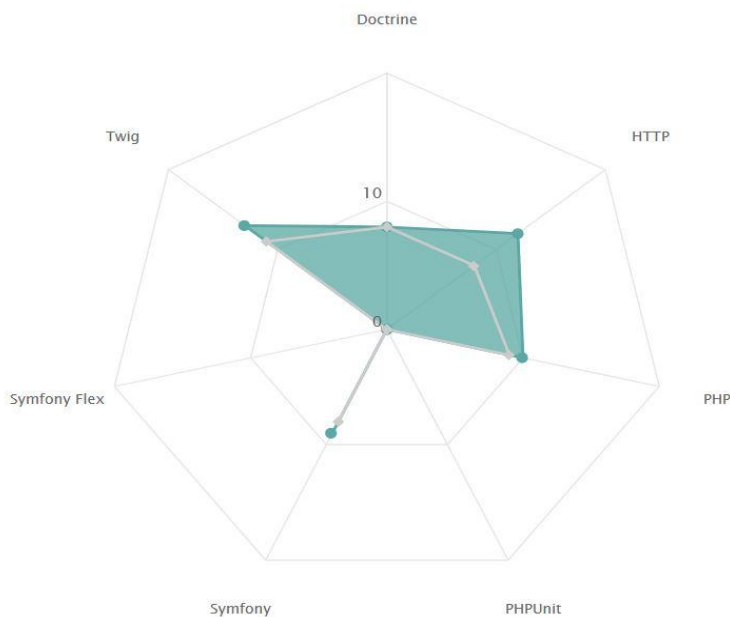
Submit answer

DAILY TESTS

- Test yourself once a day on a 20 question multiple choice quiz.
- Find a database of more than 1,200 questions on PHP, object-oriented programming, Doctrine, Twig...

SKILLS RADAR GRAPH

- Follow your level on each theme and component of Symfony.
- Find the results of your skills on each test in the form of a matrix
- Visualize the topics on which you still need to make progress.



Details

Sign up

New sessions are announced on training.sensiolabs.com/en/ or you can register by sending us an email at training@sensiolabs.com.