

SENSIO LABS

Discovering the Form Framework

Sensio

92-98 boulevard Victor Hugo

92115 Clichy Cédex



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INTRODUCTION

The “ **Discovering the Form Framework** ” e-learning training helps you to discover in **one hour** how to setup and customize your first forms with the Form Framework tool.

During one hour, you will be trained by a Sensio Labs consultant, who’s an expert in PHP 5 and symfony web development. He’ll lead you in the discovery of building your forms with symfony. You will discover how to setup a basic form class, how to configure and override the default look and feel. Finally you will learn how to extend the default configuration and couple your forms with a Doctrine model.

THE FORM FRAMEWORK TOOL

The Form Framework is one of the most powerful symfony’s features, which provides the following abilities out of the box:

- Forms definition and validation
- Integration with Propel and Doctrine
- Integration with the Admin Generator
- ...

The form framework is one of the tools that help developers to work faster and build better web applications.

TRAINING’S GOALS

The main goal of this training is to make attendees discover the form framework features like the form class definition, the form validation workflow, widgets, validators, rendering... It’s a beginner introduction to the form framework focused on best practices and configuration mechanisms. This training is played in a webinar mode.

AUDIENCE AND PREREQUISITES

This training is dedicated to web developers and managers, who know about how PHP works and who has already played a little with the symfony framework.

DURATION AND PRICE

The training will take place during a **one hour** online session.

The price for one participant is **50 euros (taxes not included)**.

Commercial contact : Nicolas BLIN – +33 1 40 99 81 09

Trainings manager : Hugo HAMON – +33 1 40 99 82 11

THE TRAINING COURSE

The training will be managed by a php expert. It's given online on a dedicated e-learning platform, on which attendees and trainer get connected from their web browser. This e-learning application allows the trainer to give his talk in the best conditions, including a white board on which training materials are displayed, sound, pictures, text messaging and video. Attendees can take part to the training with a "chat" and their microphones.

Training materials are displayed along the training on the application in order to allow attendees to follow the course and guide them between theory and practice.

Attendees will receive a convocation by email indicating the time and link to handle their connection on the e-learning platform. This convocation also indicates they have to setup their personal laptop with the following software:

- Java runtime activated
- Voice and sound activated (speakers or headphones)
- PHP 5.2.4 (or greater) with PDO
- An IDE (Eclipse, Netbeans...) or a simple text editor (Notepad++)
- MySQL 5

THE TRAINER

The trainer is a PHP expert. Our trainers are all consultants and know the PHP programming language very well as they worked with it on big companies' projects.

TRAINING CONDITIONS

The training takes place during a **one hour online** session, on our e-learning platform. This application is accessible from a web browser by clicking a personal link sent by email.

The virtual room offers attendees and trainers lots of tools to interact with each other. The trainer owns a virtual white board on which he can display training materials, a webcam and a microphone to speak during the training session.

Attendees own an instant text messaging system to allow them to chat with each other and the trainer. They also can chat by voice with the trainer if they own a microphone.

FULL PROGRAM

DISCOVERING THE FORM FRAMEWORK

- ✓ The sfForm object
- ✓ Widget objects
- ✓ Validator objects

BUILDING A NEW FORM

- ✓ Creating a form class
- ✓ Defining widgets and validators
- ✓ Passing options to the form
- ✓ Passing options to widgets and validators
- ✓ Overriding default error messages
- ✓ Automating forms rendering
- ✓ Rendering a form by hand
- ✓ Discovering built-in security features against CSRF threats
- ✓ Understanding the validation process
- ✓ Initializing a form with default values

DOCTRINE INTEGRATION

- ✓ Binding a form to a Doctrine model
- ✓ Generating Doctrine form classes
- ✓ Overriding the default generated forms' configuration