

SENSIO LABS

Discovering the Admin Generator

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INTRODUCTION

The **Discovering the Admin Generator** e-learning training helps you to discover in **two hours** how to setup and customize your first admin modules with the Admin Generator tool.

During three hours, 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 administration module. You will discover how to setup the data model and the backoffice application, how to configure and override the default look and feel. Finally you will learn how to extend the configuration and theming capabilities.

THE ADMIN GENERATOR TOOL

The Admin Generator is one of the most powerful symfony's features, which provides the following capabilities out of the box:

- CRUD operation on model objects
- Same features set with Propel and Doctrine
- Pagination
- Search filters
- YAML configuration
- Columns sorting
- ...

The admin generator 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 admin generator features like the pagination, the columns sorting, search filters, forms... It's an intermediate introduction to the admin generator 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 an only **two hours** online session.

The price for one participant is **30 euros (taxes not included)**.

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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 php very well as they worked with it on big companies' projects.

TRAINING CONDITIONS

The training takes place during one **two hours online** session, on an 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

INTRODUCTION TO BACKOFFICE

- ✓ Defining a Doctrine data model
- ✓ Generating a backoffice with the CLI
- ✓ Discovering the generator.yml file

CONFIGURING VIEWS

- ✓ Editing the page's title
- ✓ Reconfiguring displayed columns
- ✓ Switching to another columns sorting
- ✓ Changing date formats
- ✓ Changing fields' label
- ✓ Adding virtual columns
- ✓ Using the stacked layout
- ✓ Using partials
- ✓ Optimizing SQL queries
- ✓ Implementing new global actions
- ✓ Implementing new object actions
- ✓ Implementing new batch actions

CONFIGURING SEARCH FILTERS

- ✓ Removing search fields
- ✓ Adding new search fields
- ✓ Overriding default search filters

CONFIGURING FORMS

- ✓ **Removing filling fields**

- ✓ Changing default widgets and validators
- ✓ Adding widget to upload pictures
- ✓ Adding help boxes to help the form filling
- ✓ Overriding form's actions

ADVANCED CONFIGURATION PRACTICES

- ✓ Overriding default views
- ✓ Translating the backoffice interface
- ✓ Creating predefined list