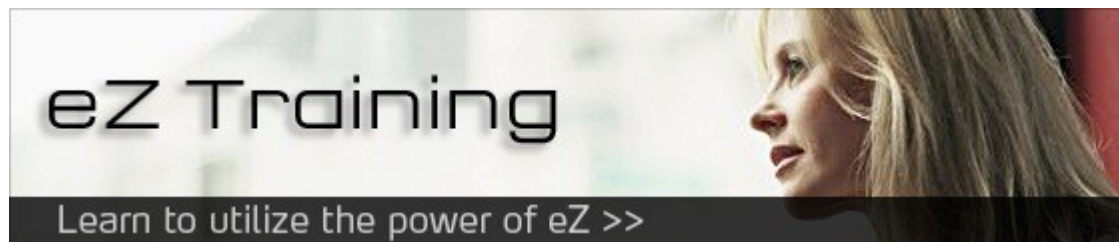


# eZ Publish **Developer Basics**

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## Course outline

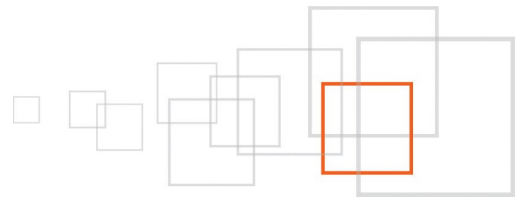


Created : 12/03/2007

Modified : 07/05/09

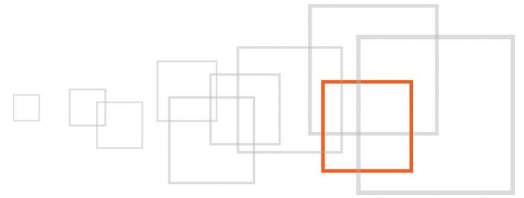
Version : 1.0

Translated from French outline



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## 1 Overview

This technical training course describes the architecture and technical components of eZ Publish. It will equip you with the necessary knowledge to customize and develop sites running on eZ Publish.

## 2 Objectives

- Learn and apply eZ Publish concepts and the underlying methodology
- Learn how to configure an eZ Publish site
- Learn how to add to eZ Publish's functionality through the extension system

## 3 Target audience

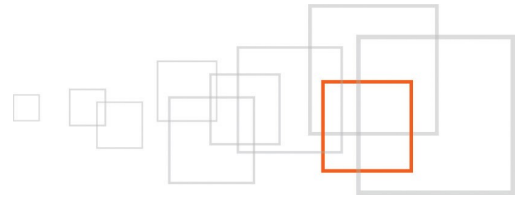
- Developers
- Advanced content managers
- Site administrators

## 4 Pre-requisites

- Some programming knowledge (familiarity with PHP is preferred)
- HTML knowledge
- You should first familiarize yourself with the eZ Publish Administration Interface. Download and install your own test eZ Publish site or explore the demo site at <http://admindevel.ezpublish.no/>. Try to create content objects and experiment with eZ Publish's different features.

## 5 Duration

- 4 days
- The training course starts at 10h and ends at about 17h/17h30, depending on the training pace for the day.



## 6 Schedule

### 6.1 Day 1

- Features of the Administration Interface
- Hand-on installation and configuration, followed by practical exercises
- Introduction to the template system (time permitting)

*Focus: Installing and configuring eZ Publish sites*

*Learn how to set up, configure, and customize an eZ Publish site. This includes database configuration, sections, and using the siteaccess mechanism to host multiple sites on one eZ Publish installation.*

### 6.2 Day 2

- Templates

*Focus: Templates*

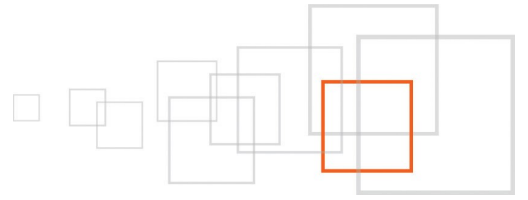
*Learn in-depth details on the template system, which enables you to implement your own design with lists, menus, interactive elements, content from various parts of the system, and more.*

### 6.3 Day 3

- Templates (continued)

### 6.4 Day 4

- Creating extensions
- New datatypes
- New workflow events
- Divers



***Focus: Creating extensions***

*Learn the methods and concepts for creating simple extensions. However, the only limit to the creativity and complexity of your extensions is how well you know PHP.*

***Focus: Datatypes***

*Learn to create your own datatypes with validation rules to hold content specific to your site.*

***Focus: Workflow events***

*Learn to extend the integrated workflow system to create workflows that suit your site's needs.*

***Focus: Template operators***

*Learn to create your own template operators and functions to make simple and complex site customizations.*

**Note:** The course schedule serves as a guide, but is often adapted to suit the needs of the participants. Regarding the template training, we cover technical solutions for displaying site content, as opposed to graphical design principles.