

Training: Rogue Wave
ZF Advanced


FORM OF TRAINING	MATERIALS	PRICE	DURATION
Traditional	CTAB Tablet	1145 EUR	3 days

LOCATIONS

Krakow - 5 Tatarska Street, II floor, hours: 9:00 am - 4:00 pm

Warsaw - 17 Bielska Street, hours: 9:00 am - 4:00 pm

TRAINING GOALS:

Designed for proficient PHP programmers with practical experience and familiarity with Zend Framework (ZF), this course perfects your skillset and allows you to make better use of ZF by taking advantage of advanced features. The class applies best practices for building applications while ensuring scalability, interactivity, and high performance. The course is designed around a series of practical use cases, guiding the developer in how to use ZF to meet the challenges of each situation by making applications and APIs more robust, streamlined and secure.

What will I learn:

- You'll learn how to leverage the power of Zend Framework to build well-designed, scalable, and secure web applications quickly and competently.

You'll be introduced to the advanced concepts that make ZF such a powerful tool to create web applications that can be rapidly developed and easily deployed. And you'll learn the components that solve common problems so that you can concentrate on solving your business problems and not spend time re-inventing the wheel.

What will I be able to achieve?

By the end of this course you'll able to:

- Increase customer satisfaction by making your ZF app run faster with less redundancy
- Expand the reach of your web application by developing it into a REST-based API
- Prevent security breaches by implementing controlled access to website resources
- Add flexibility to your application by defining factory classes which can build objects where the exact classname is not yet known
- Foster reusability and application stability by defining listeners and attachments in one class
- Add authentication to your applications, storing passwords using the latest hashing technologies

- Perform secure file uploads with filtering and validation
- Create model classes which automatically trigger events before or after database modifications
- Quickly and easily define interactions between objects, forms and your database by making full use of ZF hydration features

Audience

- This course is designed for intermediate to advanced PHP developers familiar with object-oriented programming (OOP), who have been coding in Zend Framework for at least a year.

CONSPECT:

- Forms and hydration
 - Object hydration and extraction
 - Domain forms
 - Hydrating forms
 - Fieldsets and forms
 - File uploads
 - Form security
- Services
 - Service Manager review
 - Initializers
 - Abstract factories
 - Delegators
- Data modeling
 - Tables and model classes
 - Object hydration and database operations
 - Establishing relationships
- Events
 - Event Manager review
 - Shared EventManager
 - Listener aggregates
 - Database events
- Security
 - Authentication
 - Access control
 - Secure password storage
- View

- Navigation
- Pagination
- API Development
 - XML-RPC and SOAP vs. REST
 - AbstractRestfulController
 - Apigility
- Cross Cutting Concerns
 - Cross-cutting concerns overview
 - Caching
 - Zend Session
 - Zend Log
 - Zend Mail

REQUIREMENTS:

You should have developed at least one major Zend Framework project. Additionally, you should understand intermediate to advanced-level code examples and be ready to perform coding exercises.

Difficulty level



CERTIFICATE:

The participants will obtain certificates signed by Rogue Wave Zend.

This course is also intended to help participants prepare for the Zend Framework 2 Certified Architect exam ZFCA. ZFCA certification exams are offered at Pearson VUE test centers worldwide. More information about ZCE ZF certification on the <http://www.zend.com/en/services/certification/framework>

TRAINER:

Rogue Wave Zend Certified Trainer.