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ZIO Training: Building robust backend and mobile applications

TRAINING IN ENGLISH

1 day (7 hours)

Presentation

In this course, you'll go from 0 to 100 with ZIO, from defining a ZIO workflow to building your own web application.

You'll discover ZIO's powerful operators for concurrency and resource security, and how they make it easy to create powerful, resilient applications.

Objectives

- Understand the use and benefits of an IO for Scala programming
- Design precise effects with competition, error management and resource security
- Experiment with web server and web client using ZIO
- Discover the tooling around the effect system for application management

Target audience

Developers.

Prerequisites

Experience with Scala.

Teaching methods

You will be able to attend this course remotely. Participants will receive a link to a remote meeting session the day before the event, during which you can watch and listen to the workshop, ask questions of the instructor and chat with other participants.

No preparation is required, just bring your laptop with a text editor, Scala and SBT installed.

Our ZIO Training Program: Building robust backend and mobile applications

ZIO Concurrence workflows

Resource security Web

servers

Middleware Web

Clients

Companies concerned

This course is aimed at companies, large or small, wishing to train their teams in a new, advanced computer technology.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Sanction

A certificate will be issued to each trainee who completes the course.