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Course Flyer

Distribution Essentials

- **Introduction to practical development of distributed applications**
- **Typical mistakes & pitfalls and how to avoid these**
- **Practical examples**

Description

Today distributed applications are the norm rather than an exception. Many technologies exist to implement distribution, be it as a Web application, J2EE application, .Net application or SOA application. Regardless of the technology, there are a number of problems that occur in many distributed applications. This course addresses these key problems.

Goals

Participants know the key issues in the creation of distributed applications, they are able to identify and solve these issues in real-life distributed systems.

Participants

This course is targeted at software architects and advanced developers, who already have experience in the development of complex applications and want to further their knowledge of distributed system development.

Duration

2 days

Dates

On demand

Level

400 (Expert)

Content

- What is a distributed system?
- How does distribution affect non-functional requirements of an application
- Models for concise description of communication and state management
- Interfaces - design and models
- Error handling in synchronous and asynchronous distributed applications
- Versioned interfaces and coexistence of multiple versions
- The use and implementation of idempotence

Price

Upon request

Language

English

Organisation

The course can be delivered in any Zuhlke office or a mutually agreed location.

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