

Advanced Application Development Training for MindSphere

Gain in-depth knowledge of MindSphere's application development environment

Description

This three-day training, the follow-up to the Basic Application Development Training for MindSphere, focuses on the MindSphere API. During the hands-on exercises, you will become familiar with the architecture and security features of MindSphere. Also included in this training are different development targets such as Java Spring and Node.js. You will also create and test your own Java or Node.js microservices, ready to deploy locally while learning how to debug your application.

Objectives

This training enables you to:

- Write, debug and unit test microservices used for development of applications
- Push them locally while analyzing their behavior and health in the cloud
- Use the MindSphere API for advanced application development

Content

- MindSphere architecture
- Microservices architecture
- MindSphere API in depth
- MindSphere security concepts
- MindSphere request routing internal/ external
- MindSphere analytics
- Usage of MindSphere Backing Services

Target groups

- Developers
- Software architects
- R&D managers

Prerequisites

- Cloud Foundry know-how
- Development experience with:
 - Node.js (JavaScript)
 - HTML

Training methods

- Interactive lectures
- Hands-on MVC (Model View Controller) app development
- Hands-on application development for MindSphere

Duration

- 3 days

