



DESCRIPTION

The course is aimed at learning how to extend and customize Intershop Commerce Management. Firstly, you will learn how to add programmatic resources to an ICM project via Cartridges and Application Types. You will get familiar with basic concepts on accessing and provisioning of data via POs, BOs and REST services. You will learn how to use and display data in the backoffice via the usage and creation of pipelets, pipelines, webforms and queries. Code execution is controlled via the ICM extension framework.

We will turn our attention to storefront enhancement. You will become familiar with the modelling pages, page includes, slots and components and how data is gathered through the PWA. The course focuses heavily on modern software development paradigms, prefers the use of extension mechanisms and the use of the Managed Service framework to ensure migratability. In an optional section we offer the demonstration of a wide range of advanced features like basket re-calculation, dynamic customer segmentation, microservice development or widget programming.

WHAT YOU WILL LEARN

- ICM project development
- ICM cartridges Application Types and Applications
- Modeling of Persistent Objects to store data in the database
- DBInit and Database Preparers
- Development of Business and Resource Objects and a REST service
- Pipelet and Pipeline Development
- Automated Testing, Query Framework
- Managed Services, Authorization, Localization
- Content Management System
- Extension Framework, optional tasks, advanced features

PRE-REQUISITES

- Basic Java knowledge
- Basic knowledge of Web Services
- Familiarity with internet technology and web design

DURATION

5 days

TARGET AUDIENCE

- Frontend Developers
- Backend Developers

PRACTICAL EXERCISES

75%

SOFTWARE / TOOLS

- ICM / PWA / VS Code
- Course Files

BOOKS

Training Manual – Tasks