

# ICM-550: Intershop 7 – Express Training

## Description

The course is aimed at learning how to extend and customize Intershop 7. Firstly, you will learn how to add programmatic resources to an Intershop7 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 Intershop7 extension framework. We will turn our attention to storefront enhancement. You will learn that an Intershop 7 storefront website is always composed out of pages, page variants, slots and components and how data is gathered. More enhanced features like page templates are used to speed up the development of storefront elements.

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, widget programming or the development of speech skills to access information from the webshop via voice command.

## What you will learn

- ▶ Intershop 7 cartridges Application Types and Applications
- ▶ Modeling of Persistent Objects for an ORM Implementation of Business Objects
- ▶ 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
- ▶ Intershop7 Content Management System
- ▶ Extension Framework Intershop 7 advanced features

## Pre-Requisites

- ▶ 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

- ▶ Intershop 7
- ▶ Course Files

## Books

Training Manual - Tasks