

# SAP Hybris

## Training

### Course Content



- ❖ **Introduction to e-commerce and SAP Hybris**
  - E-commerce concepts
  - Why SAP Hybris for commerce solutions.
  - Hybris Platform
  - Hybris Accelerators
  - Architecture of the Platform
  
- ❖ **Installing Accelerator**
  - System Requirements
  - Build Framework - Why Build hybris Commerce Suite
  - Set Up Apache Ant
  - Perform Build Procedure for hybris Commerce
  - Extension Concept
  - Basic Configuration
  - Hybris Server
  - HAC, Initialization, & Update
  - Spring in hybris
  
- ❖ **Sample Store Front (B2B or B2C)**
  - Hybris 5.7 recipes
  - Sample Installer
  - Setting up sample store front
  
- ❖ **Data Modeling**
  - Introduction to the Type System
  - Collections and Relations
  - Deployment

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- Type System Localization
- ❖ **Product Modeling**
  - Product Content Management (PCM)
  - Product Modeling (Classification)
- ❖ **ImpEx**
  - Overview
  - Syntax & Examples
  - Invoking
- ❖ **Hot Folder**
  - Overview
  - Configuration
- ❖ **Web Content Management System (WCMS)**
  - Overview
  - Architecture
  - Data Models (PageTemplates, Pages, CMS Components, ...)
  - CMS Models
  - Request Flow
- ❖ **Commerce Services and Facades**
  - Data model services
  - Data Objects (beans)
  - Populators and Converters
- ❖ **Service Layer and Services**
  - Architecture of the Service Layer
  - Models
  - Interceptors
  - Beans Generation
- ❖ **Flexible Search**
  - Overview
  - Syntax
  - API examples
  - Flexible Search Alternatives
- ❖ **One Hour Assessment Test for certification preparation and Assessment Report Discussion**
- ❖ **Cron Jobs**
  - Configuring CronJobs

- CronJob Scripting
- ❖ **Search and Navigation**
  - Indexing
  - Search Life Cycle
  - Commerce Search
  - Server Setup
- ❖ **AddOns**
  - JSP Structure
  - Accelerator AddOn
  - AddOn Architecture
- ❖ **Pricing**
  - Price Factory
  - Price Calculation
  - Tax Calculation
  - Discount Calculation
- ❖ **Vouchers and Promotions**
  - Vouchers
  - Single Code
  - Multi Code
  - Voucher Restrictions
  - Promotions
  - Product Level
  - Order Level
  - Promotion Restrictions
- ❖ **Payment**
  - Architecture
  - Integration
  - Command Factory
  - Commerce Infrastructure Services (CIS)
- ❖ **Order Management**
  - Order Management
  - Order Management Module (OMM)
  - Order Management Service (OMS)
  - Order Flow (Payment Check, Fraud Detection, Order Splitting, ...)
  - Warehouse Integration

- Customer Services

#### ❖ **Security**

- Basics
- Type-Based Access Rights
- Restrictions
- Spring security
- Custom Access Rights

#### ❖ **Process & Task Engines**

- Architecture & Features
- Creating a Process
- Scripting Support
- Task Extension

#### ❖ **Workflows**

- Overview
- Data Model
- Working with Workflows
- Automated Steps

#### ❖ **Backoffice (Cockpit NG)**

- Overview
- Application Orchestrator
- Custom Backoffice Extensions
- Widget Development
- Backoffice Configuration
- Actions & Editors

#### ❖ **Web Services**

- Basic Overview

#### ❖ **One Hour Assessment Test for certification preparation and Assessment Report Discussion**

#### ❖ **Certification related study and assistance**

**Note: This training will be conducted both theoretically and practically by customizing and enhancing the sample storefront.**

**During the training, two Assessment Tests will be conducted.**

**At the end of the training, trainees will be provided with certification dumps and other hybris related content so that certifications can be passed with least difficulty.**

**Prerequisites:**

1. Minimum 8 GB RAM and I-5 Processor
2. Good knowledge of Java, J2EE and Spring Framework

**Time Duration: 48 Hours**



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