

## Hybris – SAP Integration (At 1 Look)

- ✓ Business needs of Integration
- ✓ Integration Target Customers
- ✓ SAP – Hybris Integration App.
- ✓ Data Hub (DH) Introduction
- ✓ DH Role in Hybris – SAP Inte.
- ✓ DH Business Benefits
- ✓ Software Requirements
- ✓ Hybris – SAP Inte. Data Map.
- ✓ Data Hub Architecture
- ✓ How Data Hub Works
- ✓ SAP ERP ECC & CRM
- ✓ Different ways to share Info.
- ✓ Integration Scenarios
- ✓ Ways to connect external Sys
- ✓ Spring Inte. Role in DH.
- ✓ Item Type DH Contains
- ✓ Integration Interfaces List
- ✓ Async / Sync for “Pricing, CPQ, Stock, Order Submit.
- ✓ HY – SAP Config in hMC/BO
- ✓ Org. Structure in SAP SD.
- ✓ SAP Partner Functions
- ✓ Master Data Core Elements
- ✓ Interfaces = ALE, EDI & IDOC
- ✓ DH Transformation Flow
- ✓ Data Feeds & Pools
- ✓ Explain Adapters
- ✓ DH User Interfaces
- ✓ Modularity through DH Ext.
- ✓ 3 Required Maven Artifacts
- ✓ Explain Configurations
- ✓ How to Deploy Extensions
- ✓ DH Config. Properties
- ✓ Manage DH Performance
- ✓ Explain Authentication
- ✓ Debugging your Ext.
- ✓ Logging Configuration
- ✓ Shutdown DH

## Installation / Setup DH

- ✓ Download & Maven Setup
- ✓ Hybris Installation
- ✓ Data Hub Setup & Test
- ✓ Create Custom Module
- ✓ Setup Tomcat Server
- ✓ Deploy DH Web App.
- ✓ Creating Encryption Key
- ✓ Attributes Masking / Secure.

## Config. Hybris – DH (Customer Data)

- ✓ Identifying DH related Ext.
- ✓ DH Testing in Backoffice
- ✓ Configure DH Properties
- ✓ Configure Hybris & SAP Prop.
- ✓ Start & Stop HY /DH Servers
- ✓ Setup 3 JAR files 4 Customer
- ✓ Test IDOC from SAP

## Hybris DH Workflow – Loading

- ✓ Raw Items
- ✓ Data Loading Events
- ✓ User Interfaces
- ✓ REST API – Data Feeds
- ✓ SAP Config. In Backoffice

## Hybris DH Workflow – Composition

- ✓ Canonical Data Models
- ✓ Grouping / Composition
- ✓ Composition Phase
- ✓ Item Status & Life Cycle
- ✓ User Interfaces
- ✓ Events & Data Cleaning

## Hybris DH Workflow – Publication (P)

- ✓ Data Publication
- ✓ Target System Definition
- ✓ Dereferencing during Public.
- ✓ Items Status & Life Cycle
- ✓ P. Grouping Handlers
- ✓ DH SDK & Events
- ✓ Deletion Publication
- ✓ Dynamic Publication Process
- ✓ User Interfaces

## DH Adapters

- ✓ Data Publication
- ✓ Adapter Services
- ✓ Core Adapter Services
- ✓ Adapter Ext. & Contributors
- ✓ Troubleshooting
- ✓ Writing Custom Adapters

## Extending an Extension

- ✓ Why to extend an Ext.
- ✓ Creating an Extension
- ✓ Dynamic Extensions

## DH Best Practices

- ✓ Send only necessary Data
- ✓ Manage load set Size
- ✓ Maintain DH Volume
- ✓ Tune the Operations Q's

## Performance (P.) Configuration

- ✓ Runtime ENV. Config.
- ✓ P. Related Config Properties
- ✓ Caching Config. Properties
- ✓ Config SqEL Resolve() Results
- ✓ Override Resolve() caching
- ✓ Data Base Tuning
- ✓ Hardware Guidelines

## Troubleshooting (T.)?

- ✓ T. Data Loading
- ✓ T. Composition
- ✓ T. Publication

## SpEL Expressions

- ✓ Expressions in Canonical
- ✓ Expressions in Target
- ✓ Translators & Decorators
- ✓ Custom Translator & Handler

## End – End Scenarios: -

- ✓ Hybris Data Hub DB – Tables
- ✓ Inte. Develop Workbench
- ✓ DH Custom Ext. Develop.
- ✓ Custom Ext. Customization
- ✓ DH Product Ext. Customize
- ✓ Item Status & Life Cycle
- ✓ Data Feeds & Pools Creation
- ✓ DH Order Management
- ✓ Order Outbound Customize
- ✓ Order Inbound Customize
- ✓ IDoc Integration Customize
- ✓ Business Process Engine
- ✓ DH - Data Hub Tables
- ✓ Composition & P. Handlers
- ✓ DH – CronJobs & Listeners
- ✓ Customer Master IDoc Fields

## Course Highlights: -

- ✓ E2E – Solid Class Notes
- ✓ 50 Hrs Training with FAQ's