



SAP Commerce Cloud Developer

Training – Part I and Part II

Instructor-Led Hands-On

- The exercises for this class are based on the SAP Commerce Accelerator
- You will extend the OOTB Accelerator-based shops
- The labs instructions are high-level. You will develop the design provided by referring to the lectures and documentation.
- Are you stuck in a lab?
 - Please ask the instructor during the class



Training Requirements

- Laptop or personal computer
- 64-bit Windows, Linux or Mac-OS X
- Minimum 8 GB of RAM available
- Administrator Rights
- JDK 11 ([SapMachine](#))
- An IDE
 - we provide a pre-configured Eclipse instance
- A proper extracting/unzipping tool for Windows
 - For instance, the free 7-Zip and PeaZip, or the commercial software WinZip and WinRAR



**Avoid spaces in your installation path
(having them breaks Solr)**



Working Hours – Day 1



Day 1

9:00

1. Introduction to Ecommerce
 - 1.1. Overview of Hybris framework
2. Setting up Local Hybris with installation

Exercise – Setup

12:30



Lunch

13:30

Exercise – Setup

3. Emails in OOB Hybris & Email to be sent out of Hybris (OOTB)

17:00

Exercise – Email Configuration

Working Hours – Day 2



Day 2

9:00

4. Importing Hybris projects to eclipse

5. Knowing Hybris build and server

Exercise – Development Machine setup

12:30



Lunch

13:30

Overview of hybris extension

7. Custom extension and its configuration

17:00

Exercise – Modulegen and Extgen

Working Hours – Day 3



Day 3



9:00

8. Backoffice overview

Exercise – Backoffice Extension generation

9. Localization of types in Back office

12:30

Exercise – Localization in Backoffice

Lunch

13:30

Exercise – Localization in Backoffice

17:00

10. Different OOTB extensions and its use

Working Hours – Day 4



Day 4

9:00

11. Data Modelling Overview
12. Type Systems , Collections and Enums

Exercise – Data Modelling

12:30



Lunch

13:30

Exercise – Data Modelling

13. Type system & Relations

~17:00

Working Hours – Day 5



Day 4



9:00

Exercise – Type system & Relations

14. Dynamic Attributes

12:30

Exercise – Dynamic Attributes

Lunch

13:30

15. Sites and Store Overview

Exercise – Demo on Sites and Store

~17:00

16. Site and Store Impex walkthrough

Working Hours – Day 6



Day 4

9:00

17. SOLR Overview

Exercise – SOLR setup and Demo

12:30



Lunch

13:30

18. Overview on value provider and implementation

Exercise – Creating custom value provider

~17:00

Working Hours – Day 7



Day 4

9:00

19. HAC overview and different options in it

Exercise – Demo on HAC

12:30



Lunch

13:30

20. Overview of Impex

21. Understanding in details

~17:00

Exercise – Impex Samples

Working Hours – Day 8



Day 4

9:00

22. Flexible search overview

Exercise – Flexible search samples

12:30



Lunch

13:30

23. Understanding flexible search query in detail

Exercise – Flexible Search Customisation

~17:00

Working Hours – Day 9



Day 4

9:00

24. Cron job overview & Cron job samples
25. Understanding Cron job in detail

12:30



Lunch

13:30

Exercise – Creating cronjob

~17:00

Working Hours – Day 10



Day 4

9:00

26. Catalogs overview
27. Understanding content catalog and product catalog

12:30



Lunch

13:30

Exercise – Creating Product and Content Catalog

~17:00

Working Hours – Day 11



Day 4

9:00

28. User types and user groups

Exercise – Extending User types and Creating User groups

12:30



Lunch

13:30

29. Backoffice customisation overview

Exercise – Backoffice customisation

~17:00

Working Hours – Day 12



Day 4

9:00

Exercise – Backoffice Customisation

12:30



Lunch

13:30

30. CMS overview

~17:00

31. Various CMS components and their relation

Working Hours – Day 13



Day 4

9:00

Exercise – CMS Components Creation

12:30



Lunch

13:30

32. Flow of all layers in Hybris

~17:00

33. Populators and converters

Working Hours – Day 14



Day 4

9:00

Exercise – Populators and converters

12:30



Lunch

13:30

34. DTO, Façade

~17:00

35. Service and DAO layer

Working Hours – Day 15



Day 4

9:00

Exercise – Controller, Facade

Exercise – Service and DAO

12:30



Lunch

13:30

36. Overview of Interceptors

~17:00

37. Lifecycle of Interceptors

Working Hours – Day 16



Day 4

9:00

Exercise – Creating new Interceptors

12:30

Exercise – Customizing Interceptors



Lunch

13:30

38. Hot folders Architecture

~17:00

39. Cloud Hot folders Overview

Working Hours – Day 17



Day 4

9:00

Exercise – WCMS

12:30

Exercise – Security



Lunch

13:30

40. Hot Folders

~17:00

41. Cloud Hot folders

Working Hours – Day 18



Day 4

9:00

Exercise – Hot folders

12:30



Lunch

13:30

Exercise – Cloud Hot Folders

~17:00

Working Hours – Day 19



Day 4

9:00

42. Promotions Engine and Rule Engine

43. Coupons and Voucher

12:30



Lunch

13:30

Exercise – Promotion Customisation

~17:00

Working Hours – Day 20



Day 4

9:00

44. Payment Module and Integrations

Exercise – Payment Integration Mock Demo

12:30



Lunch

13:30

45. CPI integration

Exercise – CPI Integration Mock Demo

~17:00

Working Hours – Day 21



Day 4

9:00

46. OCC

Exercise – OCC OOTB Demo

12:30

47. Overview of CCV2



Lunch

13:30

48. Overview of Spartacus

Exercise – Working Demo

~17:00

Thank you.

