

B2C COMMERCE DEVELOPER WITH SFRA (CCD102)



OVERVIEW

B2C Commerce Developer with SFRA is a comprehensive and hands-on course that introduces the core programming concepts, relevant files, and scripting language for Salesforce B2C Commerce. It is a must for developers new to Salesforce B2C Commerce and experienced developers looking to ramp up on Storefront Reference Architecture.

Using real-world scenarios, this course covers how to customize the Storefront Reference Architecture and modify a B2C Commerce Cloud storefront.

WHO SHOULD TAKE THIS COURSE?

Developers who have :

- At least two years of experience with Java or JavaScript programming
- Familiarity with the jQuery library and JSON syntax

WHEN YOU COMPLETE THIS COURSE, YOU WILL BE ABLE TO:

- Create cartridges to add reusable functionality to a site.
- Use JavaScript controllers to add business logic to a site.
- Create reusable code using ISML templates.
- Use content slots and page designer to improve the appearance and flexibility of a site.
- Use B2C Commerce Script in ISML templates and script files.
- Use the Forms Framework to control the validation, rendering, and storing of consumer-entered values.
- Create hooks to configure functionality that is called a specific event.
- Use Open Commerce API to access resources using HTTP requests and responses.
- Create jobs to automate tasks and processes.
- Measure and ensure site performance.
- Install and use SFRA command line tools to perform testing.

PREWORK

Please complete the following trailmix before attending our expert-led class:

[Trailmix, Trailhead Academy](#)

IMPORTANT : Before taking this course, please install:

- [Visual Studio Code](#)
- [Node.js](#)
- [Java JDK](#)
- [Postman](#)

CERTIFICATION

CCD102 is recommended to prepare Salesforce Certified B2C Commerce Developer exam. Other courses and self-study materials are recommended for this exam. The complete list of prerequisites is provided by Salesforce in the [Exam Guide](#).



DURATION
4 days

DELIVERY FORMAT
- Classroom
- Virtual

LANGUAGE
Course in English /
Materials in English

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LESSONS & TOPICS

Overview of B2C Commerce

- Salesforce B2C Commerce overview
- Storefront Reference Architecture overview
- Business Manager organization

Getting started

- Accessing Storefront Reference Architecture
- Creating a workspace
- Creating a server connection
- Navigating Cartridges

Cartridges

- Cartridge types
- Cartridge Path
- Working with Plugin Cartridges
- Using a custom Storefront Cartridge

Controllers

- Introduction to JavaScript Controllers
- Creating a JavaScript Controller
- Script & JavaScript Controller Debugging
- Middleware functions
- B2C Commerce Script API

Models

- Introduction to models
- Extending models

ISML

- ISML Tags and Expressions
- Reusing code in templates
- Conditional statements & loops
- Resource API & Resource Bundles

Content Slots

- Creating & configuring Content Slots
- Content Link functions

Page Designer

- Introduction to Page Designer
- Business & Developer tasks
- Creating custom Components

Forms Framework

- Custom & system objects
- XML Metadata File
- Server-Side Validation Script
- ISML Form Template
- Custom logging
- Client-Side Validation Script

Hooks

- Hook definition
- Creating custom hooks

Open Commerce API (OCAPI)

- Shop API
- Data API
- Meta API
- OCAPI URL syntax
- Configuring OCAPI settings
- Using API Explorer
- Making an OCAPI call

Jobs

- Job flows
- Job steps
- Job parameters
- Creating a job

Site maintenance

- Site and page caching
- Site performance

Storefront Reference Architecture Tools

- GitHub
- NPM Tools
- Functional and unit tests