

# 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 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