

Programming Essentials for IBM WebSphere Commerce V7 Customization (6T225G)

ID 6T225G Preis auf Anfrage Dauer 5 Tage

Zielgruppe

This course is designed for Java or Java 2 Platform, Enterprise Edition (Java EE) developers who have experience in JavaScript, Hypertext Markup Language (HTML), Extensible Markup Language (XML), and SQL. Students must also be familiar with the IBM WebSphere Commerce V7 solution architecture and programming environment, as detailed in course IBM WebSphere Commerce V7 Foundation (6S221) (6S220) (WC700) (VC700) (ZC700).

Voraussetzungen

You should have:

- Java or Java EE application development skills
- JSP development and deployment skills
- Java servlet development and deployment skills
- JavaServer Pages Standard Tag Library (JSTL) skills
- Hypertext Markup Language (HTML) skills
- SQL skills
- Extensible Markup Language (XML) skills
- Knowledge of Rational Application Developer V7

A thorough knowledge of IBM WebSphere Commerce V7 architecture, business models, data models, tools, and functionality as provided in course IBM WebSphere Commerce V7 Foundation (6S221) (6S220) (WC700) (VC700) (ZC700), or a strong knowledge of WebSphere Commerce V6.

Kursziele

In this 5-day instructor-led course, students build on the skills that were developed in course IBM WebSphere Commerce V7 Foundation (6S221) (6S220) (WC700) (VC700) (ZC700). Discuss the essential skills necessary to customize many of the key features of IBM WebSphere Commerce V7.

In-depth lectures cover the skills and knowledge students need to customize an IBM WebSphere Commerce V7 site. Lecture topics include an introduction to the integrated development environment for WebSphere Commerce, which is built upon Rational Application Developer V7. From that starting point, students develop and configure storefronts, both with and without Web 2.0 capabilities enabled. In addition, students learn how to build custom business logic and handling data through the command framework, business object document (BOD) processing framework, Enterprise JavaBeans (EJBs), and the data service layer.

Students are also introduced to many of the new features that are provided in WebSphere Commerce V7. The features include: how to develop for the presentation, business logic, data service layer, and persistence layer of WebSphere Commerce with related activities like configuring Search for WebSphere Commerce, promotions, Mobile Commerce, and Social Commerce. To complete the experience, students learn the basics of integrating WebSphere Commerce with other systems in a service-oriented architecture (SOA) and Web services.

Hands-on lab exercises are provided throughout the course to reinforce lecture content. They let students gain practical experience by designing and implementing customized WebSphere Commerce solutions. Students practice their newly developed

WebSphere Commerce skills by performing tasks. For example, creating new views and commands, extending WebSphere Commerce capabilities by building custom projects in the persistence layer, deploying Web services.

Kursinhalt

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For information about other related WebSphere Commerce courses, visit the WebSphere Commerce Education Training Paths website:

<http://www-304.ibm.com/jct03001c/services/learning/ites.wss/zz/en?pageType=page&c=V862294Y52691V31>

Detaillierter Kursinhalt

- Course introduction
- Unit 1. WebSphere Commerce architecture
- Exercise 1. Introduction to the WebSphere Commerce development environment
- Unit 2. Developing and customizing storefront pages
- Exercise 2. Customizing storefront pages
- Unit 3. Developing and customizing store business logic
- Exercise 3. Customizing store business logic
- Unit 4. Developing and customizing the persistence layer
- Exercise 4. Creating an Enterprise JavaBean in WebSphere Commerce
- Unit 5. Developing and customizing the Web 2.0 presentation layer
- Exercise 5. Customizing a Web 2.0 storefront
- Unit 6. BOD command processing and the data service layer
- Exercise 6. BOD command processing and the data service layer
- Unit 7. IBM Management Center Precision Marketing, and Promotions
- Unit 8. Web Services and Messaging
- Exercise 7. Configuring Social Commerce and Mobile Commerce
- Unit 9. Best Practices
- Exercise 8. Implementing a Web service in WebSphere Commerce
- Exercise 9. Build and Deployment using the WebSphere Commerce Build Deployment tool (WCBD)

- Unit 10. Course summary