



IBM TRAINING

Ibm Curam Spm For Developers Customization 7 X

Customize IBM Cúram SPM 7.X solutions. Develop essential skills to enhance social program management applications.

DURATION

Flexible

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

This intermediate-level "IBM Cúram SPM for Developers Customization 7.x" course is meticulously designed for experienced Java developers aiming to master the intricacies of extending and tailoring the IBM Cúram Social Program Management (SPM) platform. Participants will gain deep insights into the Cúram 7.x architecture, focusing on practical customization techniques to meet specific business requirements for government and social services agencies. The curriculum dives into core technologies such as the Cúram framework, server-side and client-side extensions, Cúram Express Rules (CER), workflow management, and sophisticated UI modifications, ensuring a comprehensive understanding of the development lifecycle within a Cúram environment.

By the end of this course, developers will be proficient in customizing data models, building custom user interfaces, implementing complex business logic, and integrating Cúram with external systems. This expertise is crucial for deploying robust and highly adaptable social welfare solutions. Successfully completing this course not only enhances your technical skill set in a specialized, high-demand enterprise software but also positions you as a valuable asset capable of contributing to critical projects that impact community well-being and governmental efficiency, opening doors to advanced roles in the IBM Cúram ecosystem.

Level	Intermediate
Vendor	IBM

COURSE CURRICULUM

01 Module 1: Cúram SPM 7.x Development Environment & Architecture

- Introduction to Cúram SPM 7.x architecture and components
- Setting up the Cúram Development Environment (CDE)
- Understanding the Cúram data model and infrastructure overview
- Cúram application development best practices and coding standards

02 Module 2: Data Model and Server-Side Customization

- Extending the Cúram data model (VIM, DPM, SCM) for new entities
- Customizing server access beans and business objects
- Developing custom entity and structural relationships
- Implementing Cúram Server Plugins and Hooks for business logic

03 Module 3: User Interface (UI) Customization and Extension

- Understanding Cúram UI architecture (UIM, Widgets, Tabs)
- Creating and customizing Cúram pages and views
- Developing custom UIM pages and client-side widgets
- Implementing UI validation, client-side logic, and accessibility features

04 Module 4: Business Logic and Workflow Customization

- Mastering Cúram Express Rules (CER) for complex business logic implementation
- Customizing and extending Cúram Workflow processes and activities
- Implementing custom events, listeners, and notifications
- Developing custom batch processes and jobs for background operations

05 Module 5: Integration and Advanced Customization Topics

- Cúram Web Services and API integration techniques

- Customizing the Evidence Framework and managing evidence types
- Utilizing the Intelligent Evidence Gathering (IEG) framework for guided interviews
- Introduction to Cúram REST APIs and advanced extensibility patterns

06 Module 6: Deployment, Troubleshooting & Performance Tuning

- Packaging and deploying Cúram customizations to various environments
- Debugging and troubleshooting Cúram applications effectively
- Performance considerations and optimization techniques for Cúram solutions
- Best practices for Cúram customization, maintenance, and upgrades

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **IBM Cúram Technical Consultant**
- > **Social Program Management (SPM) Systems Integrator**
- > **Senior Cúram Application Developer**

FREQUENTLY ASKED QUESTIONS

Q: What prior IBM Cúram knowledge or development experience is recommended before enrolling in the "IBM Cúram SPM for Developers Customization 7.x" course?

This intermediate-level course assumes participants have a solid foundation in Java programming, J2EE concepts, XML, and SQL. Prior exposure to basic IBM Cúram SPM navigation and understanding of its core functionalities, perhaps from an introductory Cúram user or developer course, would be highly beneficial, though not strictly mandatory for experienced Java developers. Familiarity with the Cúram development environment (CDE) is a plus.

Q: How does customizing Cúram SPM version 7.x specifically differ from earlier major versions, and what are the key new features or approaches developers should be aware of in this release?

Cúram SPM 7.x introduces significant enhancements, particularly around cloud readiness, improved REST APIs, and a more modern user interface framework. Developers will learn how to leverage these advancements, focusing on new UI patterns, updated integration mechanisms, and optimized development workflows introduced in the 7.x series. The course highlights changes in the Cúram Modeler and infrastructure that streamline customization and deployment processes compared to previous versions.

Q: What types of real-world customization scenarios will developers be equipped to handle after completing this training, particularly within social program management contexts?

Upon completion, developers will be proficient in handling a wide range of real-world customization challenges. This includes extending the Cúram data model to capture unique program-specific information, creating custom user interfaces for specialized case management workflows, implementing complex eligibility rules using Cúram Express Rules (CER), integrating Cúram with external government databases or payment systems, and developing custom batch processes for large-scale data operations—all crucial for tailoring social welfare applications to specific jurisdictional needs.

ABOUT COMPUTER PRIDE



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With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

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Take the next step in your technology career.

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