



IBM TRAINING

Ibm Curam Spm For Developers Ade 7 X

Master IBM Curam SPM for Developers (ADE 7.X) and build robust social program management solutions.

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 course, "IBM Cúram SPM for Developers ADE 7.X", is meticulously designed to equip aspiring and experienced developers with the essential skills to customize, extend, and build robust solutions on the IBM Cúram Social Program Management (SPM) platform, specifically utilizing the Application Development Environment (ADE) version 7.X. Participants will dive deep into the core technologies and methodologies required to develop scalable and maintainable social welfare applications, gaining proficiency in both server-side and client-side development within the Cúram framework. The course focuses on practical, hands-on application, ensuring learners can immediately apply their knowledge to real-world scenarios.

Throughout the program, you will explore Cúram's sophisticated data model, master the User Interface Metadata (UIM) for dynamic front-end development, and learn to implement complex business logic using Cúram's powerful APIs. Key benefits include understanding the Cúram component architecture, leveraging its workflow engine, and effectively debugging and deploying Cúram solutions. This specialization is critical for those looking to contribute to vital government and non-profit initiatives, making a tangible impact on social program delivery.

By successfully completing this course, you will not only enhance your technical development capabilities but also position yourself as a sought-after expert in the specialized field of social program management technology. This expertise is invaluable for organizations globally that rely on IBM Cúram to manage critical social services, offering a clear pathway to high-impact roles in public sector IT and specialized consulting.

Level	Intermediate
Vendor	IBM

COURSE CURRICULUM

01 Module 1: Introduction to IBM Cúram SPM and ADE 7.X

- Overview of IBM Cúram Social Program Management (SPM)
- Understanding Cúram Architecture and Components
- Introduction to the Cúram Application Development Environment (ADE) 7.X
- Setting up the Cúram Development Environment (Eclipse-based)
- Cúram Build and Deployment Process Overview

02 Module 2: Cúram Data Model and Persistence

- Exploring the Cúram Data Model Concepts (Entities, Attributes, Relationships)
- Extending the Cúram Data Model using ADE
- Working with Cúram Persistence Layer (SDA, SDO)
- Introduction to Cúram Data Access Objects (DAOs)
- SQL and Database Interaction within Cúram

03 Module 3: Cúram User Interface Development (UIM)

- Fundamentals of Cúram User Interface Metadata (UIM) Language
- Designing and Implementing Cúram Pages (Lists, Details, Workflows)
- Building Conditional UI Elements and Dynamic Content
- Client-Side Validation and Custom Widgets
- Internationalization and Accessibility in Cúram UI

04 Module 4: Server-Side Development and Business Logic

- Cúram Server-Side Development Principles (Process Classes, Facades)
- Implementing Custom Business Logic using Cúram APIs
- Extending and Customizing Cúram Business Processes
- Cúram Exception Handling and Logging Mechanisms
- Introduction to Business Process Objects (BPOs)

05 Module 5: Cúram Workflow, Events, and Batch Processing

- Designing and Implementing Cúram Workflows
- Cúram Event Handling and Listeners
- Developing Batch Processes for Cúram SPM
- Scheduling and Monitoring Cúram Batch Jobs
- Overview of Cúram Integration Patterns (Web Services)

06 Module 6: Advanced Topics and Best Practices

- Debugging Cúram Applications in ADE
- Performance Considerations and Tuning within Cúram
- Configuration Management and Customization Best Practices
- Security Aspects in Cúram Development
- Cúram Testing Strategies and Tools (Introduction)

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **IBM Cúram SPM Technical Consultant**
- > **Social Program Management Application Developer (Cúram Specialist)**
- > **Public Sector Software Engineer (Cúram Solutions Lead)**

FREQUENTLY ASKED QUESTIONS

Q: What prior technical experience is recommended to succeed in the IBM Cúram SPM for Developers ADE 7.X course?

To get the most out of this intermediate-level course, participants should possess a strong foundation in Java programming, including object-oriented principles. Familiarity with relational databases and basic SQL queries is essential, along with a working understanding of XML. Prior experience with an Integrated Development Environment (IDE) like Eclipse will also be beneficial, as Cúram ADE is built upon Eclipse.

Q: How does mastering IBM Cúram ADE 7.X enhance my career prospects in social program management?

Mastering Cúram ADE 7.X significantly elevates your career prospects by positioning you as a specialist in a high-demand, niche technology. Organizations, particularly in the public sector and social services, heavily rely on Cúram for critical welfare and health programs. Your proficiency will unlock opportunities for specialized roles such as Cúram Technical Consultant, Lead Cúram Developer, or Solution Architect, where your ability to customize and extend the platform directly contributes to the efficient delivery of vital social services.

Q: Will this course cover integrating Cúram SPM 7.X solutions with other enterprise systems?

While the primary focus of this course is on development *within* the Cúram ADE 7.X platform, it will introduce foundational concepts related to integration. Specifically, you will learn about Cúram's Business Process Objects (BPOs) and gain an overview of how Cúram interacts with external systems through mechanisms like web services. This will provide you with the necessary understanding to approach future integration challenges, though in-depth integration with specific third-party platforms would typically be covered in more advanced Cúram integration courses.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

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

10,000+

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READY TO ENROL?

Take the next step in your technology career.

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