Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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InfoSphere MDM Architecture V11

CODE:	LENGTH:	PRICE:
ZZ820G	24 Hours (3 days)	$2,445.00

Description

This course is designed for anyone who wants to get an understanding of the InfoSphere MDM Architecture (including the Virtual and Physical Hubs). This course walks you through the major components of the InfoSphere MDM and how each component interacts. You will learn how InfoSphere MDM responds once a service is invoked and the various configuration and extension points of a service. The course is used as an introduction to various components that make up the MDM Architecture and prepares you to identify how MDM will fit into their organization and what pieces may be customized to fit their business requirements.
The next courses that may be of interest to you include:

- Data Model and Service Mapping for the InfoSphere MDM Advanced Edition V10 (ZZ610)
- Customizing the InfoSphere MDM Advanced Edition V10 (ZZ640)
- IBM InfoSphere MDM Server Service Customization for MDM Server 9 (ZZ340)
- InfoSphere MDM Server User Interface Generator (DC560)

Objectives

- Understand the InfoSphere MDM Architecture and how a service on the Virtual and Physical Hub are handled
- Understand the Configuration Points of the InfoSphere MDM
- Understand the Core Data Entities of the Physical Hub and their relationship to each other
- Understand the Tables of the virtual Hub
- Understand the Extension Points of the InfoSphere MDM Physical Hub
- Understand the Configuration Points of the InfoSphere MDM Virtual Hub
- Understand the Common components and services of the Physical and Virtual Hubs

Audience

This intermediate course is designed for the following participants who want to get an understanding of the InfoSphere MDM Architecture (including the Virtual and Physical Hubs):

- Infrastructure Specialist
- Senior Technical Specialist
- Technical Specialist
- Support Engineers
- System Architects

Prerequisites

It is recommended you have:

- Working knowledge Java EE architecture

Programme

Unit 1: MDM and the Enterprise

- Physical, Virtual and Hybrid Hubs

- Working with Physical Hub
- Working with Virtual Hub
- Working with Hybrid Hub

Unit 2: Architecture

- Big Picture
- How InfoSphere MDM Works
- Architecture Overview

Unit 3: MDM Physical Model

- Party Domain
- Account Domain
- Product Domain
- Metadata
- Common Domain

Unit 4: MDM Virtual Model

- Member Tables
- Dictionary Tables
- Entity and Relationship Tables
- Audit Tables

Unit 5: How InfoSphere MDM services are Invoked

- InfoSphere MDM Consumers
- How Services are invoked
- How Services are Handled

Unit 6: How Services are implemented

- Handing Physical Hub Services
- Handing Virtual Hub Services

Unit 7: Linking and Duplicates

- Probabalistic Matching Engine
- Algorithms
- Bucketing
- Standardization
- Comparison Functions
- Weights
- Physical Hub Suspect Processing
- Virtual Hub Linking

Unit 8: How Services are Extended (Physical Hub)

- Types of Extensions
- Data Extension
- Data Additions
- Specs
- Behavior Extensions
- Composite Services

Unit 9: How Services are Configured (Virtual)

- Data Model Customizations
- Algorithms
- Handlers
- Events
- Composite Views

Unit 10: Common Services

- External Rules
- Validation
- Rules of Visibility
- Configuration
- Standardization

- Logging and Servicibility
- Multi-Timezone
- Search Framework

Unit 11: Integration

- Information Server
- BPM
- Identity Insight

Agenda :Day 1

- Unit 1: MDM and the Enterprise
- Unit 2: Architecture
- Unit 3: MDM Physical Model
- Unit 4: MDM Virtual Model

Day 2

- Unit 5: How InfoSphere MDM services are Invoked
- Unit 6: How Services are implemented
- Unit 7: Linking and Duplicates
- Unit 8: How Services are Extended (Physical Hub)

Day 3

- Unit 9: How Services are Configured (Virtual)
- Unit 10: Common Services
- Unit 11: Integration

Session Dates

On request. Please Contact Us

Additional Information

This training is also available as onsite training. Please contact us to find out more.