

Master Data Management (MDM) using i2 Agile Business Process Platform (ABPP) Data Services

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The Supply Chain Company™

Summary

Solution Type:	PLAT
Industry:	General
Product(s):	i2 Agile Business Process Platform
Target Audience:	Solution Architects / Technical Implementers (Super User / Application Engineer) Integration (Integration Specialist) Maintenance (Systems Expert /Customer Support)
Delivery Method:	Instructor-Led Training
Training Approach:	Lecture & Hands-on
Duration:	4 days
Version:	6.2.6

Description

This course is designed to introduce you to the i2 Agile Business Process Platform (ABPP) solution. The course will provide the audience with a functional overview and a detailed technical explanation of Master Data Management (MDM) using i2 Agile Business Process Platform (ABPP) Data Services. The course will provide the detailed technical explanation of the i2 ABPP Studio which is the Visual tool for building composite applications using the ABPP framework. Data modeling, Schema Generation, Table Editors and Workflows in ABPP will be covered. Hands-on exercises with the ABPP Studio and ABPP Data Services (Master Data Management) will be covered. Also, the benefits of the new i2 Agile Business Process Platform will be discussed.

Content

This course is composed of the following parts and modules:

ABPP Data Services (Master Data Management)

- Overview of i2 ABPP Data Service functionality and Technical Architecture
- ABPP Data Service Table Editors, Hierarchies, Security and the Pre-packaged Workflows
- Introduction to ABPP Studio
- Data Modeling in ABPP Studio
- Process Modeling in ABPP Studio
- Running Services and Workflows
- Managing ABPP Models using Studio
- Audit Trail and Document Upload Features
- Data Validation and Error Correction Workflows
- ABPP Final Project

Prerequisites

- Basic PC knowledge and skills, including MS Windows™
- Practical understanding of Relational Databases and Data Management
- Basic understanding of technical integration and business applications

Course Objectives

Upon the completion of this course, you will be able to:

- Develop data models and business process workflows using i2 ABPP Studio
- Configure ABPP data models and develop ABPP workflow
- Work effectively with ABPP Data Services (Master Data Management)

Day by Day Agenda

Day 1

1. Overview of Master Data Management (MDM) using i2 Agile Business Process Platform (ABPP) Data Services
2. i2 ABPP Data Services Functional Overview and Technical Architecture
3. ABPP Data Services Web User Interface and Table Editors including Hands on Exercises on the Table Editors
 - Hands on exercises
4. Audit Trail & Export to MS Excel
 - Hands on exercises
5. Upload Documents
 - Hands on exercises
6. Hierarchy Meta Data (Demand Management and Retail applications)
 - Hands on exercises

Day 2

ABPP studio

1. Introduction and Data Modeling in studio
2. ABPP Server and Services
3. Process Modeling in Studio
4. Understanding basic ABPP programming syntax
 - ADD DOCUMENT
 - GET DOCUMENT
 - MODIFY DOCUMENT
 - FOR EACH and IF TEST
 - Writing and Invoking Rules from within a workflow
5. Getting Familiar with PGL
 - Simple PGL
 - Using xpath to control

Adding Navigation

Day 3

1. Introduction to ABPP Studio
 - Hands on exercises
2. Customizing Data Modeling in ABPP Studio
 - Hands on exercises
3. MDM Data Validation
 - Process Modeling in ABPP Studio
 - Creating a Server Definition
 - Creating a Service Definition
 - Deploying the models in Oracle
 - ABPP Schema Generation
 - Creating validation rules
 - Applying validation rules
 - Data Validation and Error Correction Workflows

Day 4

1. Applying modifications to data model
 - Schema Generation
2. ABPP Security
 - Hands on exercises
3. ABPP Final Project which includes
 - Customizing the ABPP Datamodel
 - Generating ABPP Schema
 - Loading Data
 - Developing, Debugging and Deploying Safety Stock Calculation Workflow