

Data Management

APP 241 - Course outline

AUTHOR: Stibo Systems MDM Academy

CONFIDENTIALITY LEVEL:

Public



Target Group

This course is targeted towards application consultants, customers or other roles responsible for transforming the conceptual design of a STEP solution into a functional configuration.



Pre-Requisites for Participation

- Stibo Systems Academy Courses (or the knowledge taught in this course acquired in other ways)
 - MDM 101 - MDM Solution Fundamentals
 - APP 240 - Data Modelling
- Some knowledge of XML and preferably knowledge of JavaScript will be helpful.
- At least one year of application consultancy experience and/or system implementation.



Course Duration

- The in-person course duration is 4 days.
- For the online version of this training, we would recommend planning an effective duration of 3.0 days.



Training Delivery Method

- ☒ In person classroom
- ☐ Virtual classroom
- ☒ Self-paced online

The course activities will be a combination of lectures, case studies in teams, problem solving exercises and presentations by the trainees.



Course Purpose

In this course, you will be equipped with the knowledge and skills to configure STEP to onboard, maintain and publish data throughout the complete information life cycle.



Course Objectives

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

1. Control data output for down-stream systems.
2. Build configurations for import and validation of data from multiple sources.
3. Explain the life cycle of an object in terms of versioning management, history and audit control.
4. Perform configuration of user access based on the business roles.
5. Explain options available for translation management.
6. Explain options available for searching data and utilizing search results.
7. Perform configuration of automated asset import



Learning Objectives

The objectives below describe precisely what is taught during the training: (please note that the learning objectives can belong to more than one course objective).



Course Objective 1 - Control data output for down-stream systems.

Learning objectives:

- Perform configurations of output templates for products, assets and classification object types for the STEP XML output format.
- Perform configuration of event trigger definitions for outbound integration endpoint (OIEP).
- Apply pre-scripted business rules for event filtering and derived events for OIEP.
- Implement configuration of message batching in OIEP.
- Perform configuration of asset push event queue.
- Fill in configuration of asset push configurations for predefined conversion options.
- Execute manual asset push initiation.
- Fill in an image pipeline to resize an existing image.
- Perform configuration of export manager to export using Generic XML output format in accordance with pre-defined specification.
- Perform configuration of export manager to export using Excel format in accordance with predefined specification.
- Perform configuration of export manager to export using STEP XML output format.
- Implement configuration of event delivery in OIEP.

> **Course Objective 2 - Build configurations for import and validation of data from multiple sources.**

Learning objectives:

- Implement inbound integration endpoint hot folder receiver plugin.
- Explain how and where to configure the inbound integration endpoint error reporter.
- Define schedule inbound integration endpoint.
- Perform configuration of inbound integration endpoint background processes queue settings.
- Perform configuration of inbound integration endpoint background processes transactional settings.
- Fill in configuration value for the inbound integration endpoint background processes retention period.
- Apply the STEP import manger as processing engine.
- Implement configuration of STEP inbound integration endpoint for Generic XML import.
- Implement configuration of STEP import manager for Excel import.
- Implement configuration of STEP inbound integration endpoint for STEP XML import.
- Implement configuration of STEP import manager transformations including concatenations.
- Give examples for use of look-up tables in import configurations.
- Tell how the deletion of attribute values and references / links can be handled via the STEP import manager.
- Apply pre-scripted business rules in STEP import manager.

> **Course Objective 3 - Explain the life-cycle of an object in terms of versioning management, history and audit control.**

Learning objectives:

- Explain versioning and approval flow.
- Explain the processes of deleting objects

> **Course Objective 4 - Perform configuration of user access based on the business roles.**

Learning objectives:

- Construct dedicated action sets to specific predefined roles.
- Establish user groups based on predetermined roles and apply privileges.

➤ **Course Objective 5 - Explain options available for translation management.**

Learning objectives:

- Demonstrate structured translation of product attribute data.

➤ **Course Objective 6 - Explain options available for searching data and utilizing search results.**

Learning objectives:

- Demonstrate available search options in order to find specified object types, references and values and create a collection from result.
- Execute a bulk update based on a collection.

➤ **Course Objective 7 - Perform configuration of automated asset import**

Learning objectives:

- Implement configuration of asset import parameters
- Implement configuration of STEP inbound integration endpoint for image import



BETTER DATA.
BETTER BUSINESS.
BETTER WORLD.

About Stibo Systems

Stibo Systems is a leading enabler of trustworthy data through AI-powered master data management. Built on a robust and flexible platform, our SaaS solutions empower enterprises around the globe to deliver superior customer and product experiences. Our trusted data foundation enhances operational efficiency, drives growth and transformation, supports sustainability initiatives and bolsters AI success. Headquartered in Aarhus, Denmark, Stibo Systems is a privately held subsidiary of Stibo Software Group, which guarantees the long-term perspective of the business through foundational ownership. More at www.stibosystems.com.