

SAP BODS TRAINING

Data Services Training Content

Data services Fundamentals

History of BODS and Origin

EIM relation to BODS

Different Versions of BODS (3.0, 4.0, 4.1, 4.2) &

Major differences Architecture

Purpose of DS

Basics and understandings

BODS' look and feel

Understanding BODS jargon

Setting up the Environment (making system Project ready) (Admin)

Creating Local repository (Admin)

Creating Job Servers / Using the Existing servers (Admin)

Creating CMC and MMC Connections (Admin)

Connecting to the external systems (Sources & Targets)

View Data and extracting the data

Importing Metadata

Data Staging

Dataservices Design Interface

Datastores

File Format

XML Data

Batch Job

Data Flow

Job Execution

Creation of Single and Multi User Instance (Central repository)

Creating Central repository (Non- Secure)(Admin)

How to Use Central repository

Upgrading to a secure Central repository (Secure) (Admin)

Upgrading the CMC (Admin)

Creating Users and Groups (Admin and tester) (Admin)

Assigning privileges to Users (Admin)

Login to Central repo with Admin privileges and

Tester Privileges Maintaining History, labelling in

Central repository

Giving permissions to (Testers) users from central repo (Admin Login) (Admin)

Code comparison between repositories.

Usage of Central repository

Data store Configurations for Single User instance

Check in/ Check out/ Get latest / Labelling etc

Real time scenarios on how and where we use the Single and Multi User Instances

Training will be given on the latest Version of BODS

Built in Transformations

Platform Transformations

Case Transformation

Map Operation Transformation

Merge Transformation

Query Transformation

Row Generation Transformation

SQL Transformation

Validation Transformation

XML Map

Integrator Transformations

Data Transfer Transformation

Data Generation Transformation

Effective Date Transformation

Hierarchy Flattering Transformation

History Preserving Transformation

Table comparison Transformation

Pivot & Reverse Pivot Transformations

Key Generation Transformation

XML Pipeline Transformation

Data Quality Transformations

Match Transformation

Best record Strategy

Built in Functions

All built in system functions

Designing Jobs

Creating a job Using Conditions, Scripts and Global Variables (AIO/ BPDM)

Validation Tracing and Debugging Batch job

Applying Filters on the Data level

Built in Transformations (Platform, Data Integrator, Data Quality)

Data services Scripting language and Variables

Capturing changes in data (Initial / Deltaload)

Handling Errors and auditing

Migrating Projects

Administration

Profiling

Managing Metadata

Connecting to SAP Applications

ABAP data Flow processing Using Data services

IDoc interface connectivity Using Data services

SAP Application table source in real jobs using Data services

Executing Batch jobs that contain ABAP Data flows

Connecting to SAP Net weaver Business warehouse

Using Data services in SAP NW BW environments

Defining SAP Net Weaver BW Datastores Using Dataservices

Loading into SAP NW BW Using Dataservices

Loading the data to SAP HANA

Intro to SAP HANA Studio

Datastore and System Configs

Real Time Jobs

Introduction to Real time Jobs

Manipulating the XML Doc using BODS

Testing the Real time Jobs

Executing the Real time Jobs

Creating the WSDL as an output

Invoking and provoking a WSDL using BODS

SAP AIO Methodology for DS (Version 3.0/3.2) &

SAP BPDM (1.4x)

Introduction

Versions of AIO / BPDM

Project End - End

Building the project

AIO-Mapping sheets

Using / Customizing the Standard AIO templates

Profiling

Connectivity

Extracting and scoping the data

Using SQL as Database repository

Building the job

Managing and scheduling the jobs

Lookup jobs and requirement

Various errors you encounter

XML/IDOC/LSMW output formats.

Troubleshooting project

Project Maintenance

Project Architecture

Code Documentation (Annotations, Properties & Comments)

Reviews (Code and Annotations)

Description about Dev, QUAL, UAT, DST, MOCK & PROD Instances.

Code deployment Using

Central repository (real time while in Multi User Instance)

ATLs

XML

Code Direct Push

Performance Optimization

Support Activities

