

SAP Data Services

by Sudheer Sharma - Friday, December 12, 2008

<http://dwhnotes.com/etl-tools/sap-bo-data-services>

What do you think of this post?

- Awesome ()
- Interesting ()
- Useful ()

SAP Business Objects Data Services Overview

Data Services is a GUI based ETL tool from SAP Business Objects. It is a client server technology and an integrated tool-set for designing, running, monitoring, scheduling and administrating the ETL jobs.

Data Integrator/Data Services allows to develop data warehouse applications in both Batch and Real-Time job mode. It manages the data from heterogeneous and homogeneous sources and transforms the data according to business logic, integrates into single data source for analysis. It extracts the data from operational source systems and external source systems typically like RDBMS, Flat files, XML files, XML Messages, SAP IDoc's, PeopleSoft, Siebel etc. We can develop complex dataflow mappings using simple GUI, point & click techniques

Here I'm going to share some basic stuff in DI/DS, which is useful for beginners (novice).

Data Services Topics

- [Data Integrator Architecture](#)
- [Data Integrator Components](#)

Data Services Installation Steps

- [Repository Creation](#)

- [Repo Creation using Batch script](#)
- [Configuring repo with Jobserver](#)

Data Services Transformations

- [Case](#)
- [Date Generation](#)
- Data_Transfer
- Effective_Date
- Hierarchy_Flattening
- History_Preserving
- [Key Generation](#)
- Map_CDC_Operation
- [Map Operation](#)
- [Merge](#)
- [Pivot](#)
- [Query](#)
- [Reverse Pivot](#)
- [Row Generation](#)
- [SQL](#)
- Table_Comparison
- Validation
- [XML Pipeline](#)
- [Lookups](#)

Data Migration

- [Migration of Repositories \(Export/Import\)](#)
- [System Configuration – Multiple Datastore settings](#)
- [DI Central Repo vs IBM's Rational ClearCase \(Version Controlling\)](#)

[List of ETL Tools](#)

[ETL Tool Comparision Chart](#)

[DI/DS Naming Conventions](#)

Best Practices

- [Significance of Overflow option](#)
- [Flatfile Lookup](#)
- [Cummulative Measure](#)
- [Loading DI Log files\(Error, Trace, Monitor\) into a table](#)
- [Repo Password Encryption](#)
- [How to get job execution statistics using repository tables.](#)

- [How to import atl into repository using al engine](#)
 - [al engine parameters](#)

Tips & Tweaks

- [How to view more than 1000 records in View data section window](#)
- [How can I see complete Workflow/Dataflow names in the workspace](#)
- [Troubleshooting DI standard toolbar docking](#)
- [Importance of Annotations](#)
- [Compact Repository](#)
- [Pushdown Sql\(\)](#)

What's New in SAP BODI/DS

- Business Objects Data Integrator 6.1
- [Business Objects Data Integrator 6.5](#)
- [Business Objects Data Integrator 11.5 XI](#)
- [Business Objects Data Integrator 11.7 Accelerated](#)
- [SAP Business Objects Data Services 12.0](#)
- [SAP Business Objects Data Services 12.1](#)
- [SAP Business Objects Data Services 4.0 Vision & Roadmap](#)
- [SAP Business Objects Data Services 4.0](#)

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