Master Data Harmonization

A scenario description

- Introduction
  - Stage1
  - Stage2
- Features
  - Loading of the Master Data
  - Consolidating the Master Data
  - Distribution of the Master Data
- Benefits

Introduction

The Master Data Harmonization is used for improving over all quality of the data through out the business landscape by doing:

1. Deduplication of data
2. Distribution of consolidated data to connected client systems.

Generally there are two stages of achieving Master Data Harmonization. As we know that master data is the data which is rarely updated like customer details, supplier details, vendor details and employee details.

Stage1

The first stage includes the procedures for periodic and interactive consolidation and distribution rather than frequent changes with automatic distribution of the data.

Stage2

At later stages we normally focus on Automated consolidation and Distribution Process

Features

Loading of the Master Data

Through the Import Manager first we load the master data into MDM Server from the various data sources like R/3, Flat files, may be from XI Server.

Consolidating the Master Data

This is a very crucial step during the Harmonization process. This process is mainly used to consolidate the loaded master data centrally. It identifies the duplicate records and removes those duplicate records (de-duplication process), or merges identical records into a single record. The work is done by the MDM Data Manager GUI.

Distribution of the Master Data

In a harmonization scenario, the previously de-duplicated data is sent back to its origin systems. The distribution of the Master data to specific targets is initiated by the MDM Syndicator that generates a data structure specific to the Target system. Exchange Infrastructure might be used to map the data and/or send the data from one application to another application.

Benefits

MDM Harmonization ensures that the data changes of one application are synchronized with all other applications in the landscape who depends on that data. This results in:
1. Improvement in the Master Data Quality,
2. Ensures the consolidated, single truth of the master data across all the business landscape.
3. Client Specific control on the Master Data
4. Automatic De-duplication and Distribution of the Master data.