

# Data Warehouse Workbench

Executed using Transation RSA1  
The DWWB is the central tool for the BI Professional

## DWWB Overview

### Functions Include

- Modeling
  - Database objects and transformations are created
- Administration
  - Load scheduling, monitoring, and data administration
- Transport Connection
  - Specialized BI transport tool set
- Documents
  - Central GUI for the maintenance of documents
- BI Content
  - Delivered content is activated for use
- Translation
  - BI object (queries, InfoCubes) descriptions are translated for multiple language support
- Metadata Repository
  - Power users and functional experts can find details on delivered and custom content object

HTML-enabled repository for managing BI meta objects and links  
Search function enables you to quickly access the meta objects  
Exchanging metadata between different systems, exporting HTML pages and displaying graphics for objects

## Metadata Repository

For translating short and long texts belonging to BI objects  
Accessed from Translation option in the DWWB navigation dialog box  
NOT where descriptions for master data values are translated

## Translation

Provides preconfigured information models based on metadata  
Provides users with the information they need to properly perform tasks  
Access BI Content function area by transaction RSORBCT

## BI Content

Enables you to add, search, and create links between documents in various formats/versions/languages

## Documents

For managing metadata and configuration settings between development, testing, and production environments

Transport tools are enhanced with special functions to support the BI

Use the Transport Connection to collect objects that have recently been created or modified in BI system

Use the Change and Transport Organizer (CTO) to transport these objects into other BI systems

## Transport Connection

## Administration

Creation execution and monitoring of process chains

Monitoring tab enables you to monitor and control data-loading processes and any additional data processing

Access to all types of monitors

Monitors everything, including the extraction monitor for incoming data and the open hub monitor for data be sourced from BI to other systems

## Modeling

Context menus are used to access the relevant maintenance dialogs and functions

Used to create and maintain (meta) objects relevant to the data staging process

Displayed in a tree structure ordered according to hierarchical criteria

## Modeling the Enterprise Data Warehouse

- Metadata and Document Management
  - means creating objects, such as InfoCubes and DataStore objects
- Data Modeling
  - designing the links to load the data into the PSA of your BI system
- Data Acquisition
  - the design of cleansing and data manipulation programs
- Transformation
  - refers to setting up objects (InfoSpokes) to track and define the data sent out of your BI system to other systems
- Data Distribution

## Running the EDW

- User Management
  - Periodic tasks are performed with the goal of keeping a smoothly running BI box
- Administration and Monitoring
  - Loading of the data and cleaning up of old or inaccurate data
- Data Flow Control
  - The design of BI process chains that organize all the periodic tasks involved in running the warehouse, for example, loading and transforming data from many areas of your business, or executing queries in the middle of the night for offline distribution
- Performance Optimisation
  - the process of analyzing query and load performance and changing system parameters to improve this performance
- Information Lifecycle
  - the tasks surrounding your need to off-load older or less important data from the warehouse and the ability to retrieve it when necessary

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