

Roadmap

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Oracle Data Integrator
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1.1	13-2-2017	Frank Kuijpers	Revision after pilot and review
1.2	26-3-2017	Frank Kuijpers	Definitive version of the document

Reference documents:

Name
Standards & Guidelines – Powerpack for ODI
Reference Guide – Powerpack for ODI
Overview - Powerpack for ODI
Installation Guide – Powerpack for ODI

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1 INTRODUCTION

This document describes the steps to be executed to set up a DataWareHouse (DWH) with 'Powerpack for ODI'.

The 'Roadmap – Powerpack for ODI' contains 2 parts:

- ✓ *'SRC to ODS – Roadmap'*;

This describes in detail how a source cluster (SRC) can be added to your DWH. The SRC-, STG- and ODS-area are supplemented with metadata from the added source system.

- ✓ *'ODS to DM – Roadmap'*;

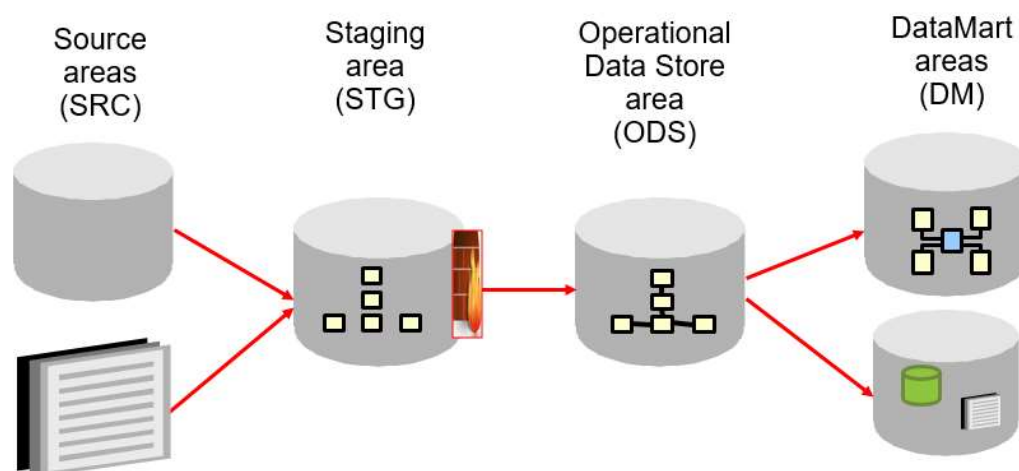
This describes in detail how a new DM (Datamart) can be added based on the DWH data in the ODS area.

The DWH will be completed with the desired model, in the DM-area, conform the wishes of the information end-user.

This can be an end-user who is making reports based on a dimensional model or a data delivery to another party.

1.1 DWH overview

The design of the DWH (DataWareHouse) is based on a four-layer structure.

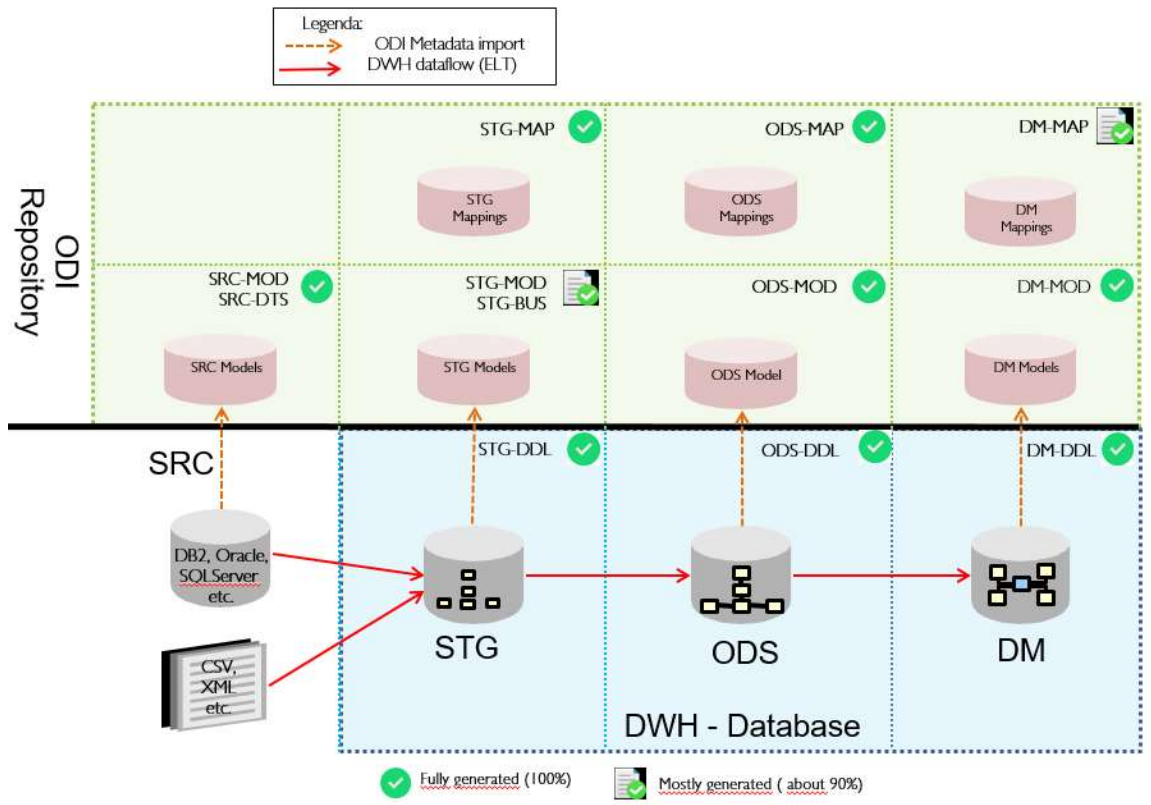


DataWareHouse Overview

1.2 'Powerpack for ODI' overview

'Powerpack for ODI' helps the designer and developer of a DWH to implement it on a uniform, consistent, efficient and time saving way.

In the figure below you can see an overview of the tasks needed for building a DWH and how 'Powerpack for ODI' can help you by generating the ODI- and Database-object for it.



'Powerpack for ODI' Overview

1.3 Operational guidelines

The operational guidelines for the 'Roadmap – Powerpack for ODI' are:

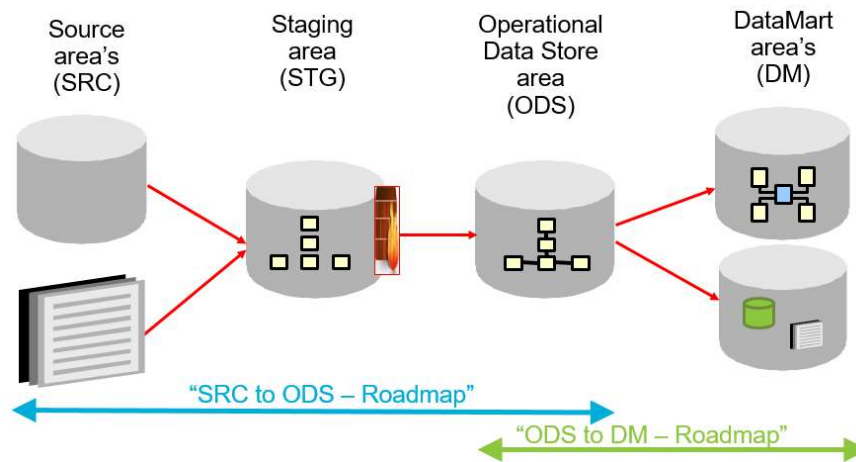
- ✓ Every **STEP** contains 3 parts (**Start, Execute and Control**);
Start => Describes the purpose of this step and the conditions for implementation;
Execute => Describes in detail the tasks to be executed in the appropriate step;
Control => Describes how to verify that the step was performed correctly;
- ✓ Perform the steps 1 by 1;
- ✓ Go only to the next step if the Control-part is carried out correctly;
- ✓ The name of each step contains 2 parts, <Step-area>-<Step-Part>. The <Step-area is the 3-letter abbreviation of the DWH area and <Step-Part> the 3-letter abbreviation of the step-part. e.g. STG-MAP.

See Appendix A 'Naming Convention Roadmap Steps'

2 ROADMAPS POWERPACK FOR ODI

Within 'Powerpack for ODI' there are 2 roadmaps that can be performed:

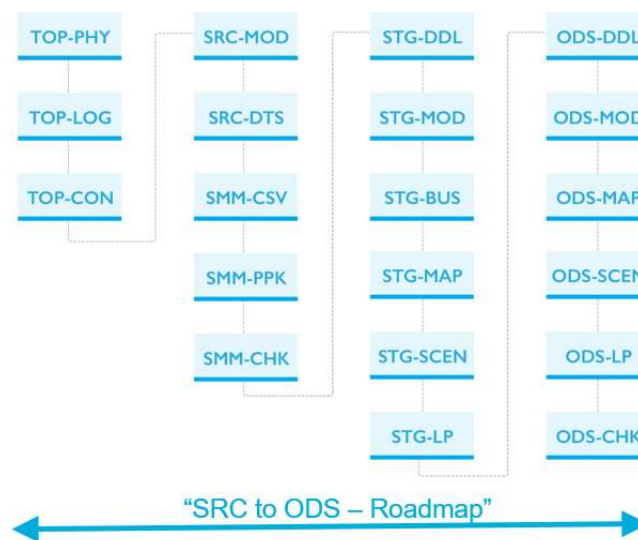
- ✓ 'SRC to ODS – Roadmap';
- ✓ 'ODS to DM – Roadmap';



Roadmaps 'Powerpack for ODI'

2.1 SRC to ODS - Roadmap

This describes how a Source cluster can be added to the DWH. The 'SRC to ODS – Roadmap' looks schematically as follows:



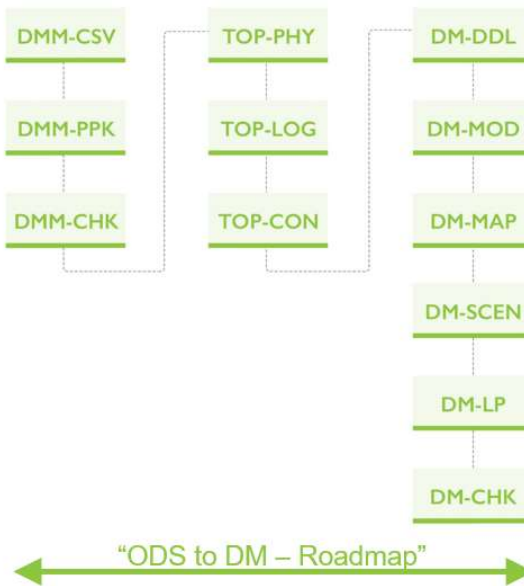
SRC to ODS Roadmap

2.2 ODS to DM - Roadmap

This describes how, based on the ODS-area of the DWH, a new DM (DataMart) for the end-user can be added.

The DM area can be a dimensional model or a delivery of data to the end-user.

The 'ODS to DM – Roadmap' looks schematically as follows:



ODS to DM Roadmap