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| REVISION HISTORY | | | | | |
| Ver. | Description of Change | Author | Date | Approved | |
| Name | Effective Date |
| 1.0 | Initial status | [Kiryl Bucha](mailto:Kiryl_Bucha@epam.com) | 12-JAN-2012 |  |  |
| 2.0 | Updated in accordance with renewed content | [Elias Nema](mailto:Elias_Nema@epam.com) | 20-JAN-2014 |  |  |
| 3.0 | Report | Aksana Kuratnik | 07-DEC-2017 |  |  |

Contents

[1. Create Packages for Reload Dimension from DW to SAL 3](#_Toc383506013)

[2. Task Results 3](#_Toc383506014)

# Create package to load the Fact Table into the staging (3NF) layer

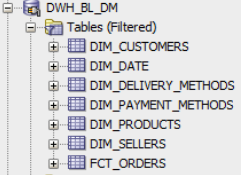
The Main Task is to create independent package[s] to load your fact table to the ST layer, according to your DWH concept that was developed on Module 6 Introduction to DWH.

# Task Results

Create required objects:

* Create all required fact table objects on ST Layer (T\_...).
* Grant all required privileges to ST\_CL (Cleansing Layer).
* Create packages to load fact data (one package = one fact table) on ST\_CL.
* Prepare document with description of your load and screenshot of data in the Fact Table.
* Test Procedure for Repeatable execution (it should produce same consistent results each time on a same source data).

All required tables were created. The scripts are in the project folder.



STAR Shema:

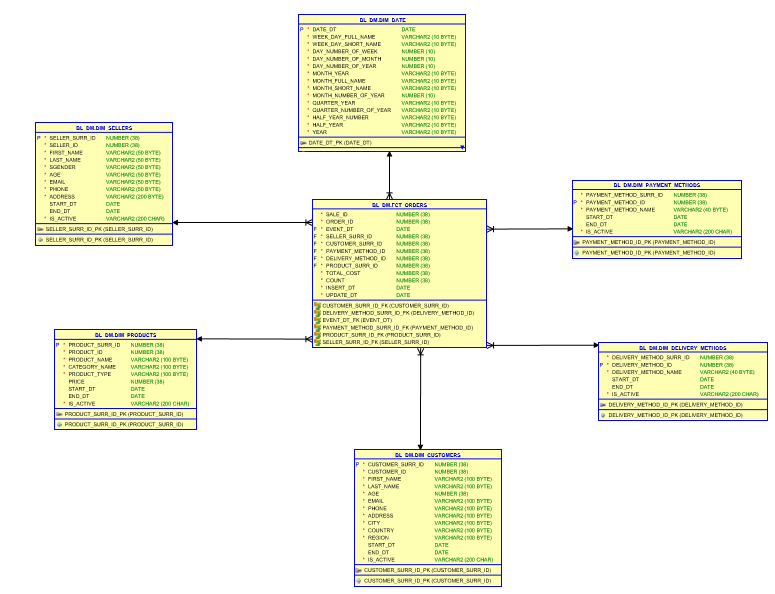
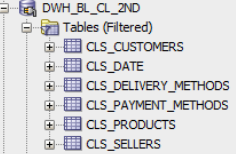


Table on 2ND BL\_CL layer were created:



Package to insert bl\_cl\_2nd from bl\_3nf:

CREATE OR REPLACE PACKAGE pkg\_etl\_insert\_payment\_methods

AUTHID CURRENT\_USER

AS

PROCEDURE insert\_cls\_payment\_methods;

END pkg\_etl\_insert\_payment\_methods;

/

CREATE OR REPLACE PACKAGE BODY pkg\_etl\_insert\_payment\_methods

AS

PROCEDURE insert\_cls\_payment\_methods

IS

BEGIN

EXECUTE IMMEDIATE ('TRUNCATE TABLE cls\_payment\_methods');

INSERT INTO cls\_payment\_methods

SELECT DISTINCT

payment\_method\_id AS payment\_method\_surr\_id,

payment\_method\_srcid AS payment\_method\_id,

payment\_method\_desc,

start\_dt,

end\_dt,

is\_active

FROM bl\_3nf.ce\_payment\_methods;

COMMIT;

EXCEPTION

WHEN OTHERS THEN

RAISE;

END insert\_cls\_payment\_methods;

END pkg\_etl\_insert\_payment\_methods;

/

