**Task 6 by Dzmitry Shautsou**

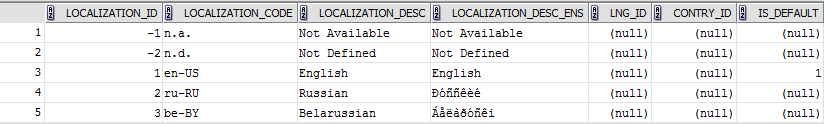
# OLTP – Load External References – Normalization of Data

**Task Results:**

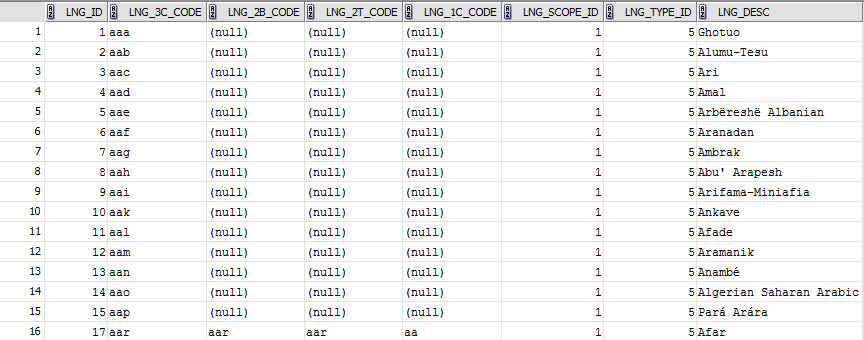
* Create sql scripts to show All created Tables and Views – Screenshot
* Create DataFlow: Sketch Diagram of loading external References (MS Visio, MS Paint, MS Word, etc.)
* Create sql: Showing result of data on next objects:
  + t\_localizations
  + cu\_languages
  + w\_lng\_links
  + cu\_lng\_scopes
  + cu\_lng\_types

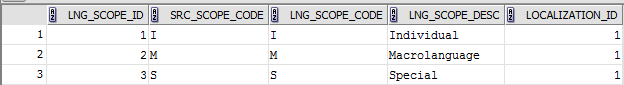
(User u\_dw\_references)

select \* from t\_localizations;

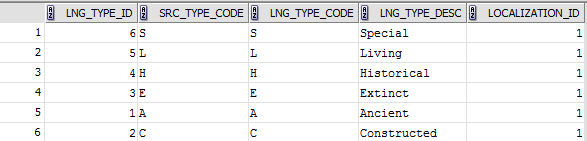


select \* from cu\_languages;

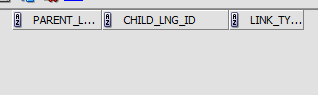


select \* from cu\_lng\_scopes;

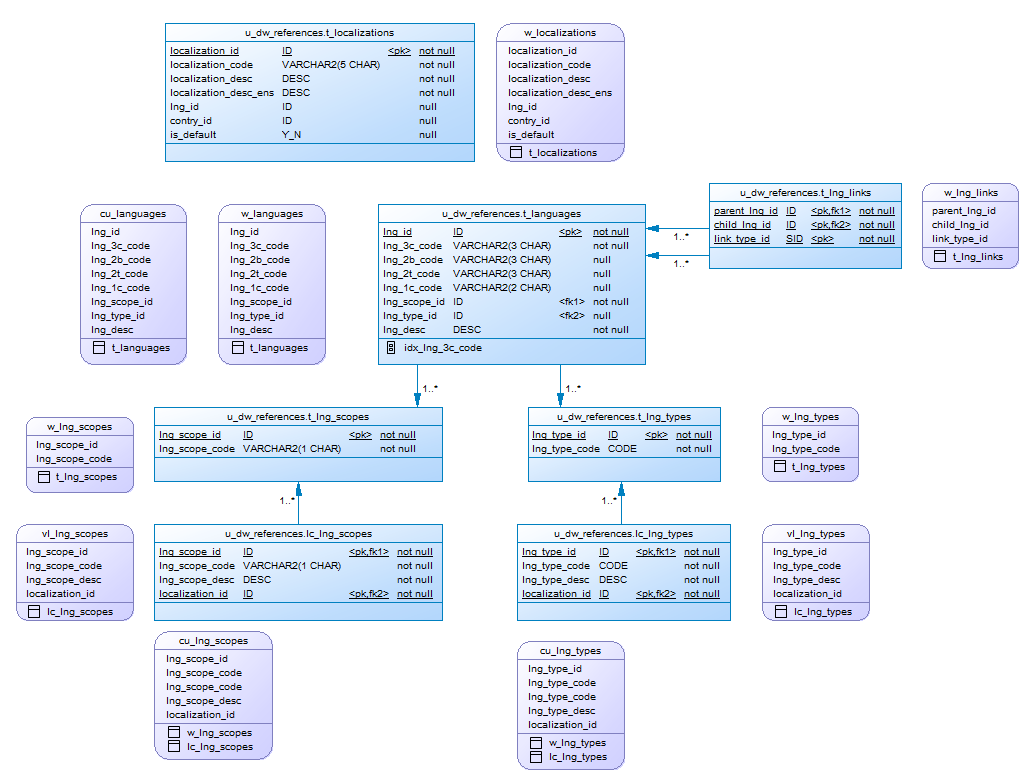
select \* from cu\_lng\_types;

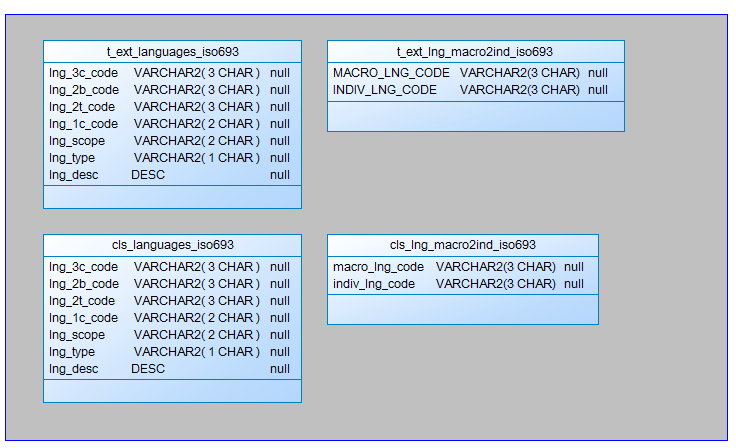


select \* from t\_lng\_links;



The Physical Diagram of T\_Languages below:





## Task 02 – Create load process for External references T\_Countries

**The Main Task** is to develop SQL scripts and install needed objects for load external reference T\_Countries.

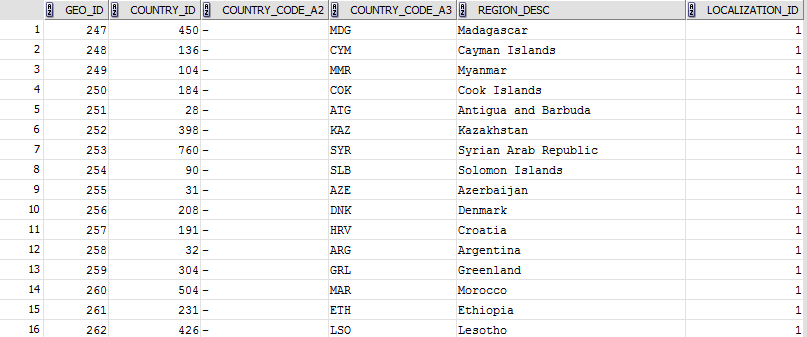
**Task Results:**

* Create SQL scripts to show All created Tables and Views – Screenshot
* Create DataFlow: Sketch Diagram of loading external References (MS Visio, MS Paint, MS Word, etc.)

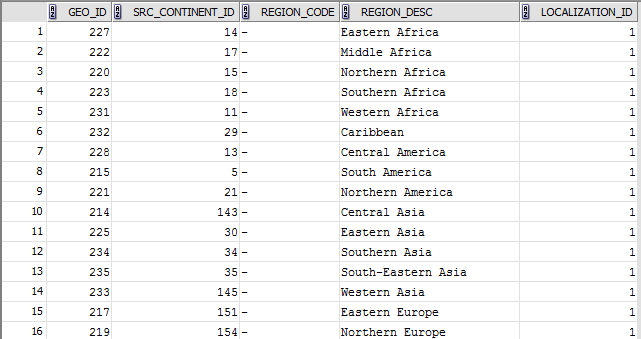


* Create SQL: Showing result of data on main objects:

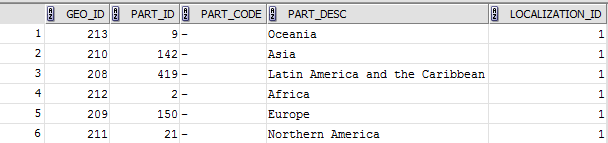
SELECT \* FROM CU\_COUNTRIES;

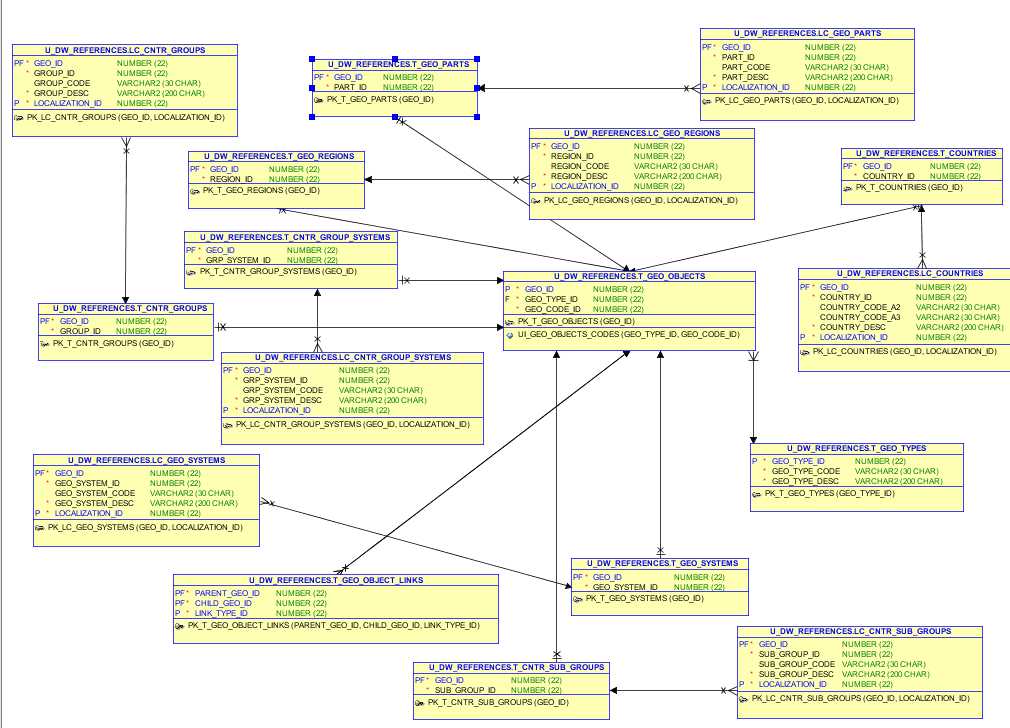


SELECT \* FROM CU\_GEO\_REGIONS;



SELECT \* FROM CU\_GEO\_PARTS;



* Prepare The Physical Diagram of T\_Countries

# OLAP – Business analyses task

Create any business analyses task for interesting for your business. The main idea is to use next main dimension:

* Time
* Geo-Location – T\_COUNTRIES

## Task 02 – Solution concept – Business background

**The Main Task** is to create Solution concept of yours any business analyses task. You should use Developing Model, that described on MTN.NIX.07.Oracle DB.DWH\_courseware06\_Star Schema Basics.docx.

**Task Results:**

Create Solution Concept document, which contained next chapters:

Overview

Business Background

Benefit

Requirements

Business Requirements

Technical Requirements

Solution Sketch

Source Tables structure

Summarize Data Plan

(Watch “BusinessProposal.docx” in the same folder)

# OLAP – Develop Star-Scheme and SnowFlake Scheme.

## Task 03 – Develop Star-Scheme physical diagram

**The Main Task** is to create Star Physical diagram and Logical diagram of solution.

**Task Results:**

Create document, which contained next chapters:

* + Physical diagram



* + Logical diagram



## Task 04 – Develop SnowFlake physical diagram

**The Main Task** is to create SnowFlake Physical diagram and Logical diagram of solution.

**Task Results:**

Create document, which contained next chapters:

* + Physical diagram
  + Logical diagram
* **Logical**



* **Physical**
* 