**Task 6 by Dzmitry Shautsou**

# OLTP – Load External References – Normalization of Data

## Task 01 – Install and expand load of external references T\_Languages

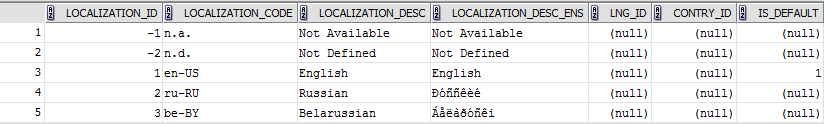
**The Main Task** is to running preparing SQL scripts and install needed objects for load external reference T\_Languages.

**Task Results:**

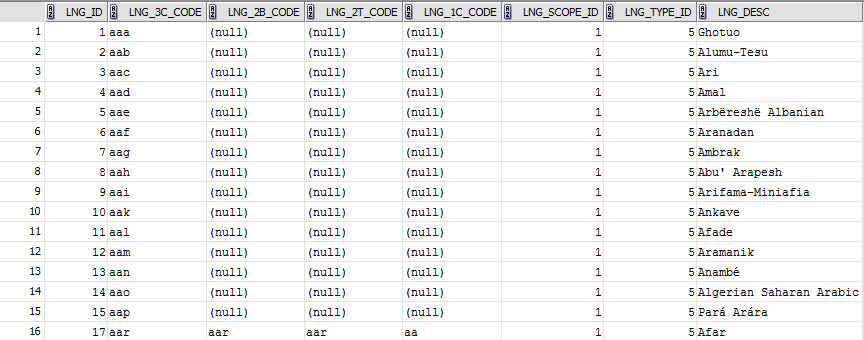
* Create sql scripts to show All created Tables and Views – Screenshot
* Create DataFlow: Sketch Diagram of loading external References (MS Visio, MS Paint, MS Word, etc.)
* Create sql: Showing result of data on next objects:
  + t\_localizations
  + cu\_languages
  + w\_lng\_links
  + cu\_lng\_scopes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

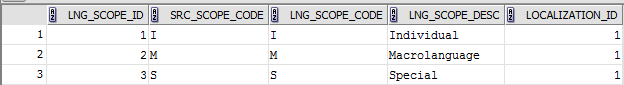
(User u\_dw\_references)

select \* from t\_localizations;

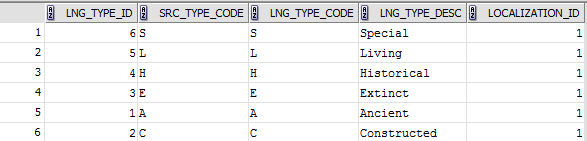


select \* from cu\_languages;

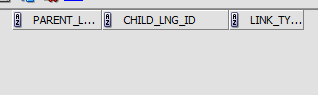


select \* from cu\_lng\_scopes;

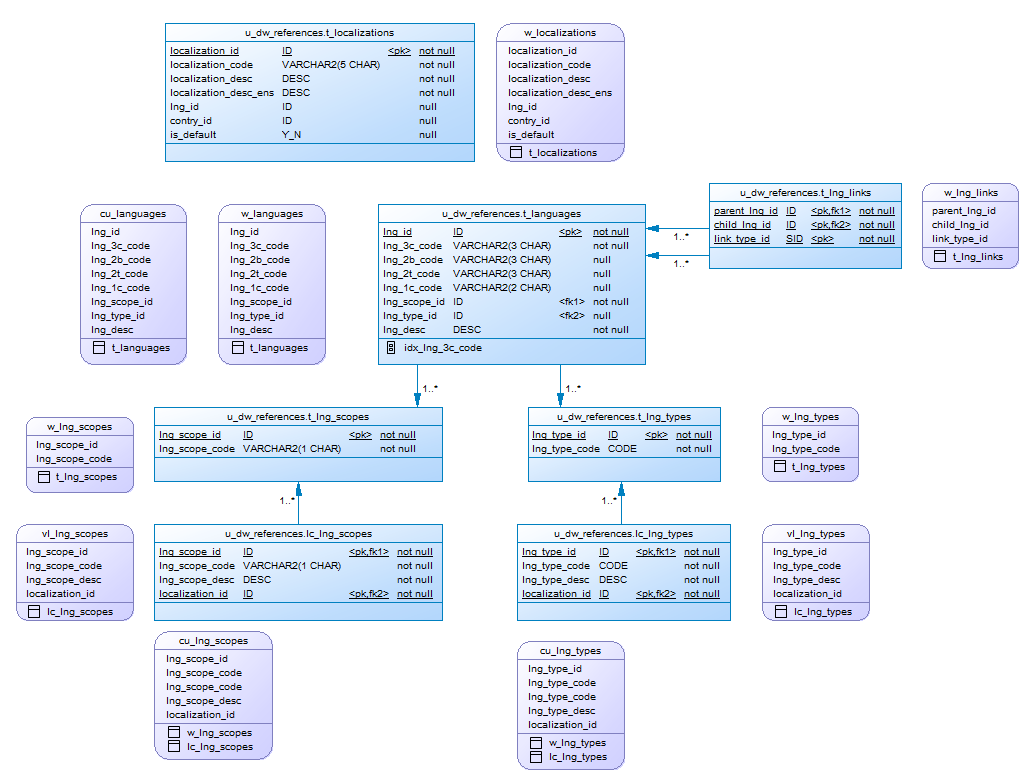
select \* from cu\_lng\_types;

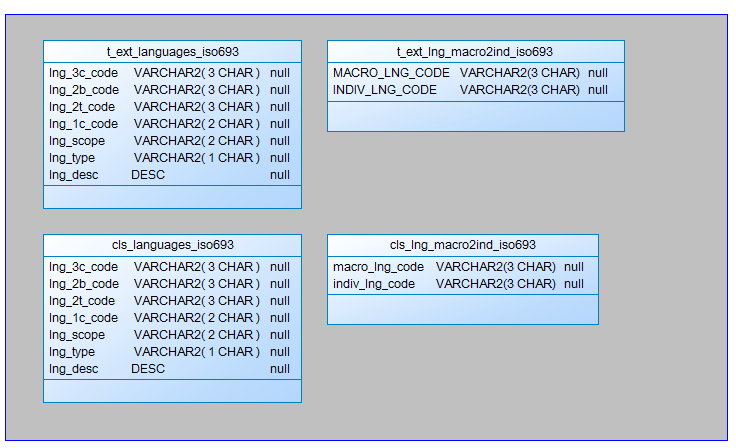


select \* from t\_lng\_links;



The Physical Diagram of T\_Languages below:





## Task 04 – 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

**Star**

**Logical**



**Physical**



## Task 05 – 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
* **Snowflake**

**Logical**



**Physical**

