

Appendices -Additional exercises

Add03 Hierarchical files



Related articles in Stambia.org

- http://stambia.org/doc/130-technologies/file/multirecord-files/237-getting-started-with-hierarchical-files
- http://stambia.org/doc/130-technologies/file/multirecord-files/196-loading-data-when-source-and-target-are-hierarchical-files
- http://stambia.org/doc/130-technologies/file/multirecord-files/186using-computed-fields
- http://stambia.org/doc/130-technologies/file/multirecord-files/166- ordering-data-when-loading-a-hierarchical-file

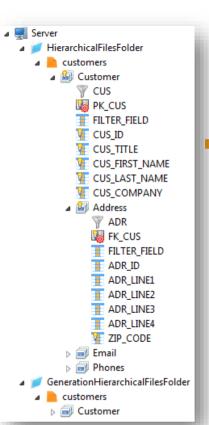


Hierarchical files - 1/6

Context

- The objective is to manipulate hierarchical files in 3 different ways/exercices
 - Hierarchical file Replication in RDBMS (process)
 - Read hierarchical file and load the data in tables (mapping)
 - Generate multiple hierarchical files (mapping)
- To allow this, we will use the following metadata, corresponding to the following file:

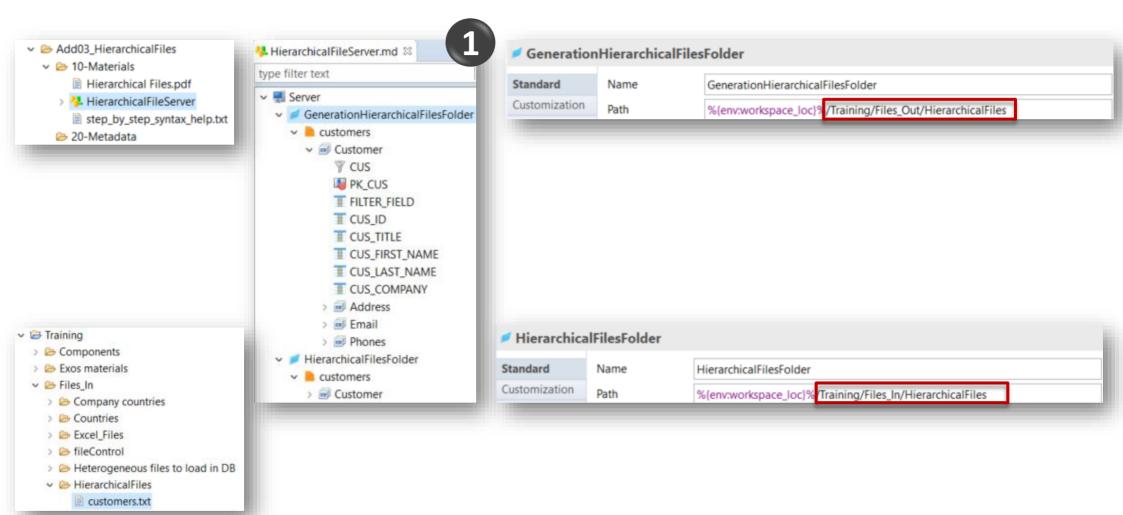






Hierarchical files - 2/6

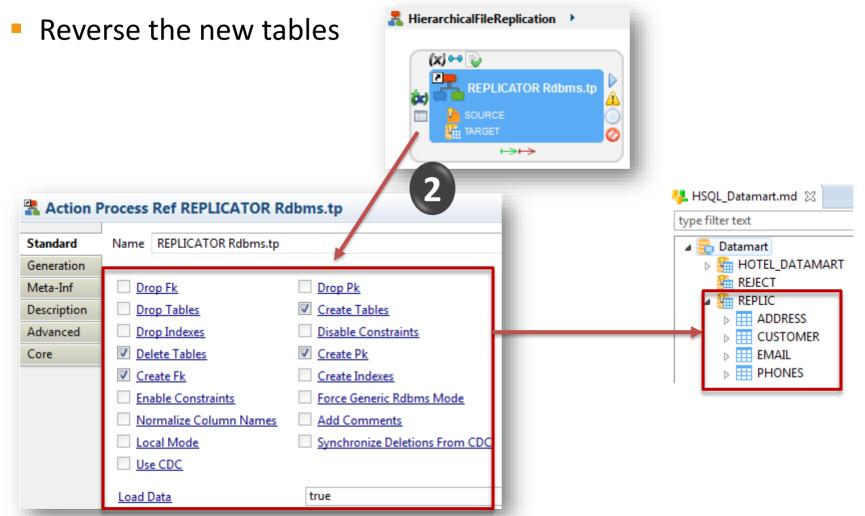
1 – In the Materials folder, a hierarchical (HierarchicalFileServer.md) metadata file is available to manage the hierarchical files





Hierarchical files - 3/6

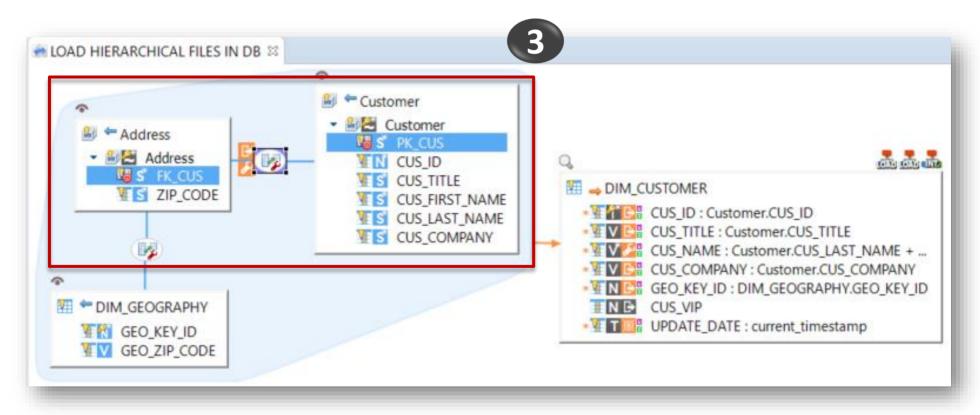
- 2 Exo1 : Create a replication process (Drag & drop replication template)
 - Drag & drop the hierarchical file and rename it SOURCE
 - Drag & drop a RDBMS schema and rename it TARGET (REPLIC in the sample)





Hierarchical files - 4/6

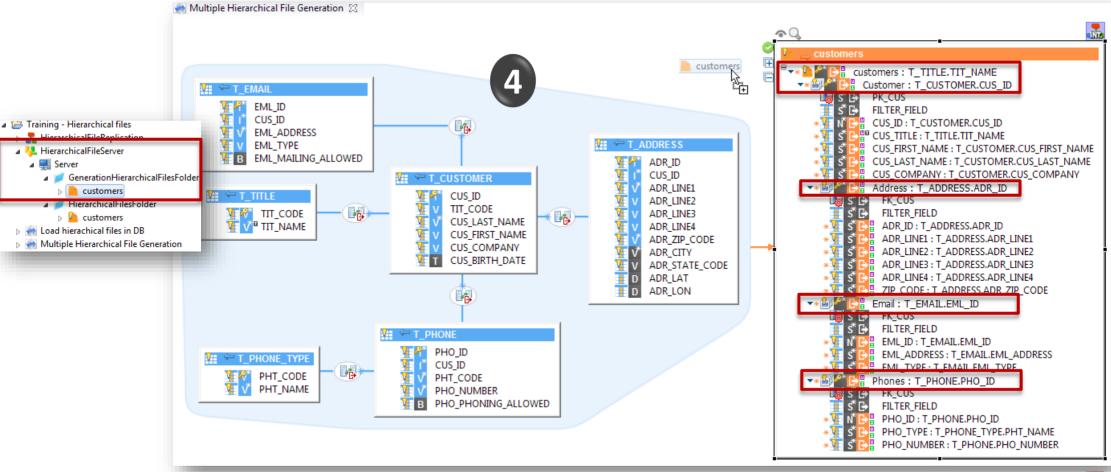
- 3 Exo2 : Create a mapping to use hierarchical file as a source
 - Drag & drop the first level of the hierarchical file named "Customer"
 - Drag & drop a second level of the hierarchical file named "Address"
 - Do a join between the FK_CUS and the PK_CUS
 - Drag & drop DIM_CUSTOMER table as target of the mapping





Hierarchical files - 5/6

- 4 Exo3 : Create a mapping to generate multiple hierarchical files
 - Drag & drop the file present in the GenerationHierarchicalFilesFolder
 - Drag & drop the required tables and define required joins (outer joins)
 - Complete the mapping (don't forget the repetition blocs)





Hierarchical files - 6/6

- 5 Define the integration template properties
 - Choose the Integration Hierarchical File template
 - Add TITLE_NAME on first level of the hierarchical file
 - Define a tag on TITLE and complete the Out_File_Mask

