External Table Creation Guide

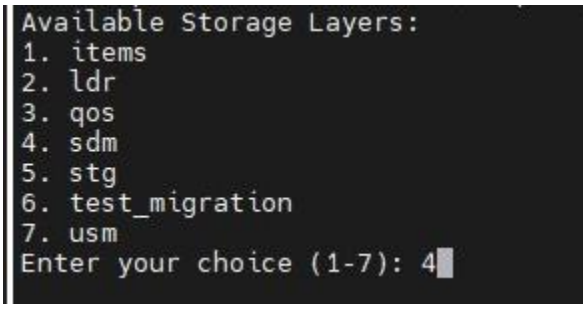
Please follow these simple steps to create external table on top of HDFS parquet data.

1. **Run below script**

   /opt/jobs/CEM/hdfs_platform/monitoring/scripts/manual/create_external_table.sh

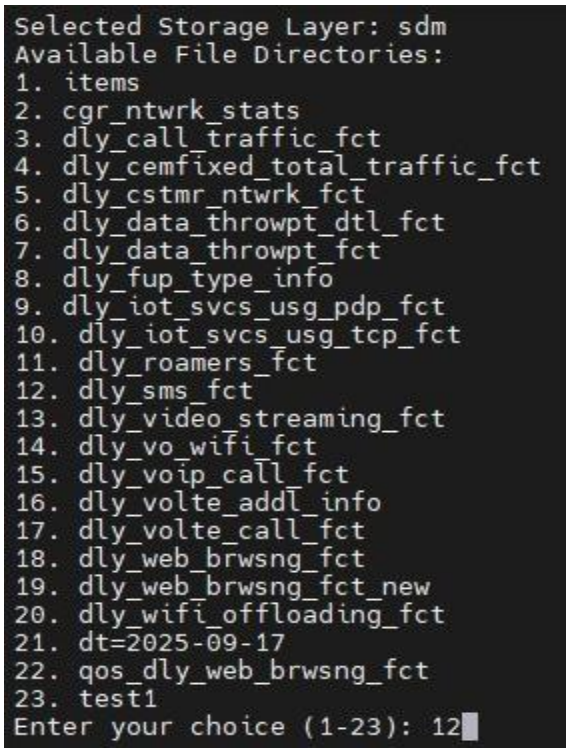
2. **Select Storage Layer**

   Display all available storage layers from hdfs. Choose appropriate one by entering number.



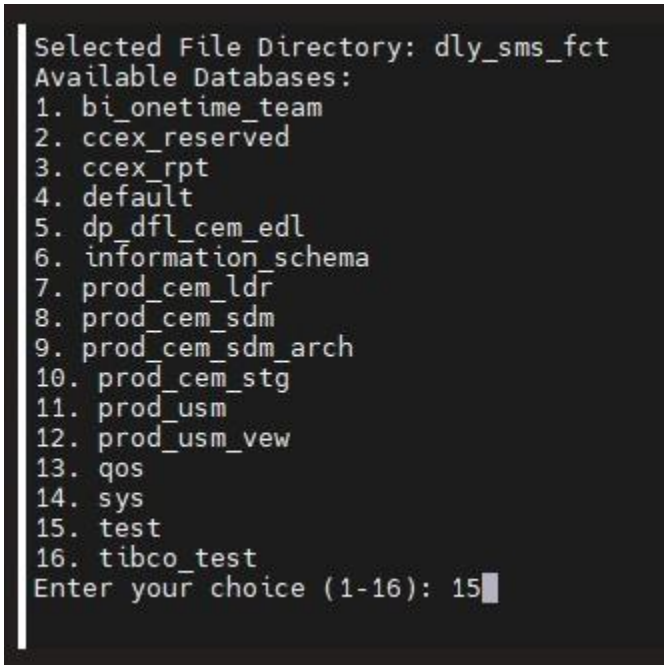
3. **Select File Directory**

   Choose folder containing the parquet files you want to register as an external table.



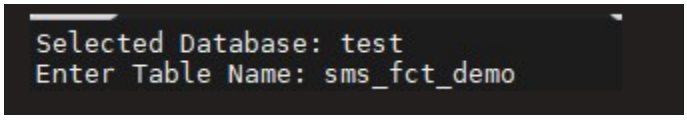
4. **Choose Hive Database**

   Lists all hive databases. Pick your target schema for the table.



5. **Enter Table Name**

   Provide a name for new table.



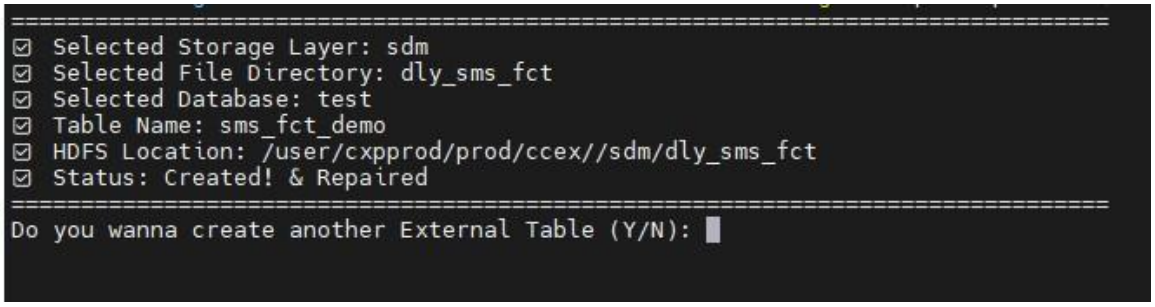
6. **Schema Auto-Detection**

   Tool will do the following steps automatically:

   - Find latest parquet file
   - Extract schema and partition columns
   - Generate external table DDL

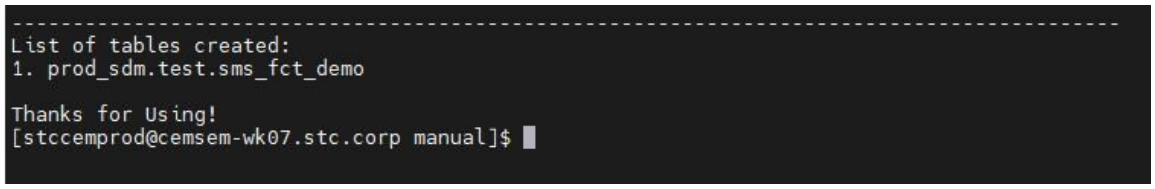
7. **Table Created & Repaired Successfully**

External table has been created and partitions successfully repaired. If you wanna create another table then press **Y** otherwise **N**.



8. **Exit the Process**

If you wish to exit external table creation process, simply press **N**



Tool Outputs

As shown in the following screenshots, table has been created and partitions have been successfully repaired.