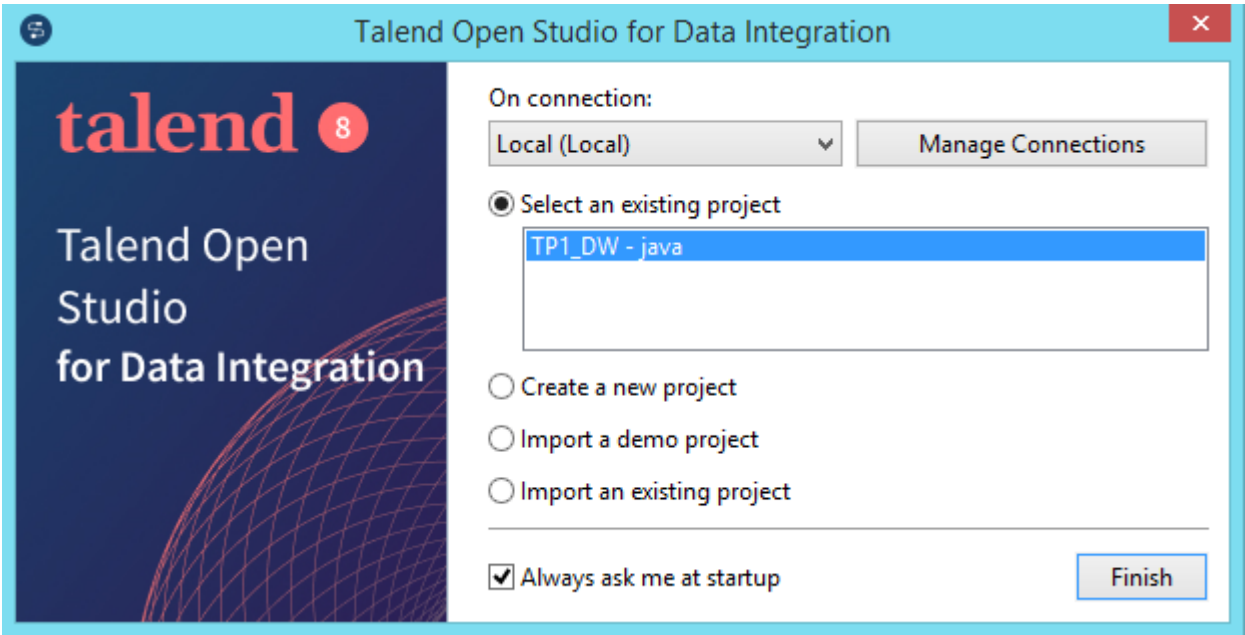
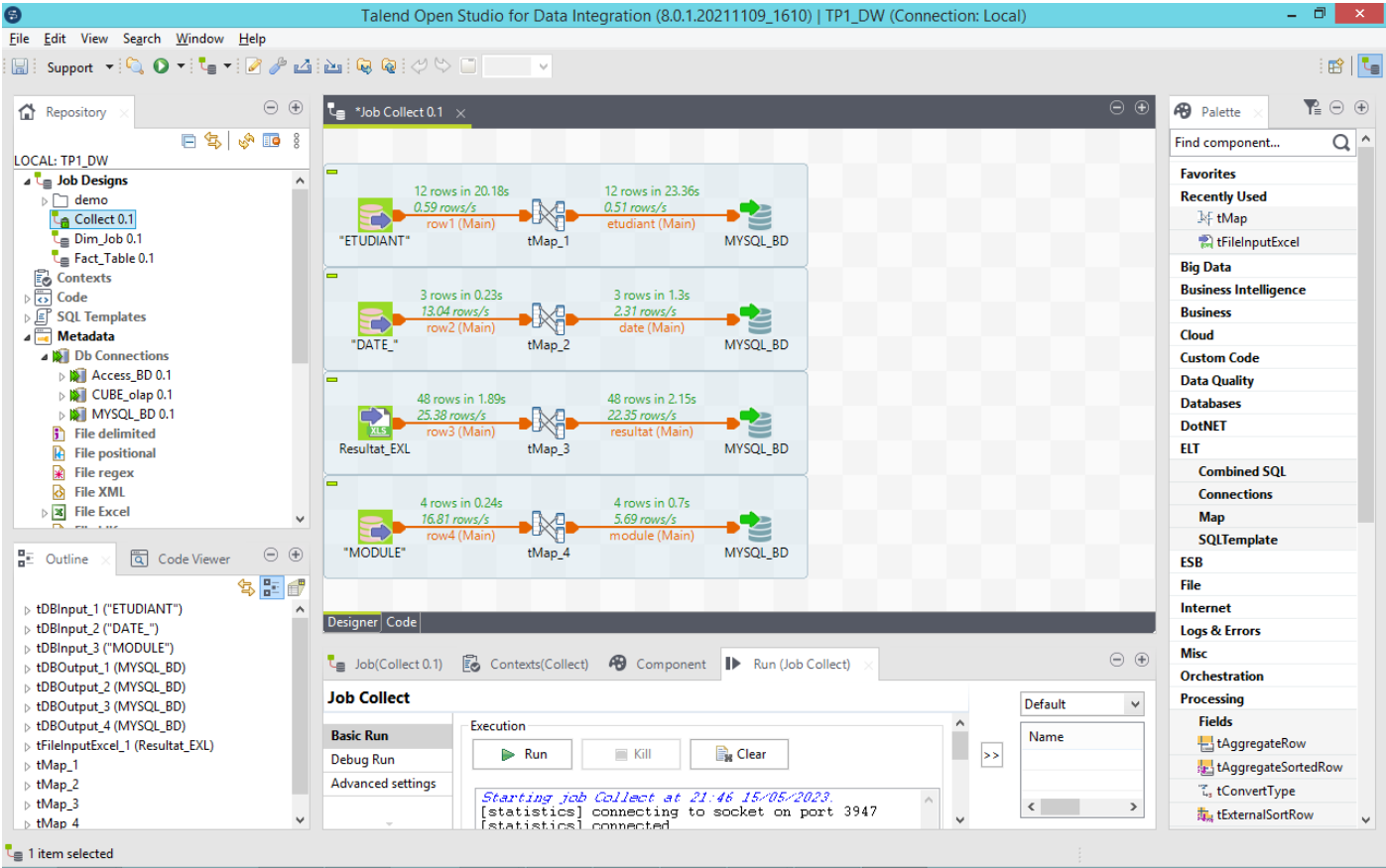


TP1 : TP Talend



Job 1: Collect



On peut vérifier dans MySQL que l'ED a été rempli.

The screenshot shows the phpMyAdmin interface for a MySQL database named 'dw_tp1'. The left sidebar displays the database structure, including 'cube_olap', 'dw_tp1', and 'sys'. The main panel shows the 'Structure' tab for the 'dw_tp1' database. A table list displays four tables: 'date', 'etudiant', 'module', and 'resultat'. Below the table list, there is a 'Create new table' section with input fields for 'Table name' and 'Number of columns' (set to 4), and a 'Create' button. The bottom of the interface shows a 'Console' tab.

Server: MySQL 3306 > Database: dw_tp1

Structure SQL Search Query Export Import Operations Privileges Routines Events Triggers Designer

Filters

Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> date	★ Browse Structure Search Insert Empty Drop	3	MyISAM	utf8mb4_0900_ai_ci	2.0 KiB	-
<input type="checkbox"/> etudiant	★ Browse Structure Search Insert Empty Drop	12	MyISAM	utf8mb4_0900_ai_ci	2.3 KiB	-
<input type="checkbox"/> module	★ Browse Structure Search Insert Empty Drop	4	MyISAM	utf8mb4_0900_ai_ci	2.1 KiB	-
<input type="checkbox"/> resultat	★ Browse Structure Search Insert Empty Drop	48	MyISAM	utf8mb4_0900_ai_ci	2.4 KiB	-
4 tables	Sum	67	MyISAM	utf8mb4_0900_ai_ci	8.9 KiB	0 B

⬅ ☐ Check all With selected: ▼

Print Data dictionary

Create new table

Table name Number of columns

Console

Job 2: Dim Job

The screenshot displays the Talend Open Studio for Data Integration (8.0.1.20211109_1610) interface. The main workspace shows the design of the Job Dim_Job 0.1, which consists of three parallel data flows:

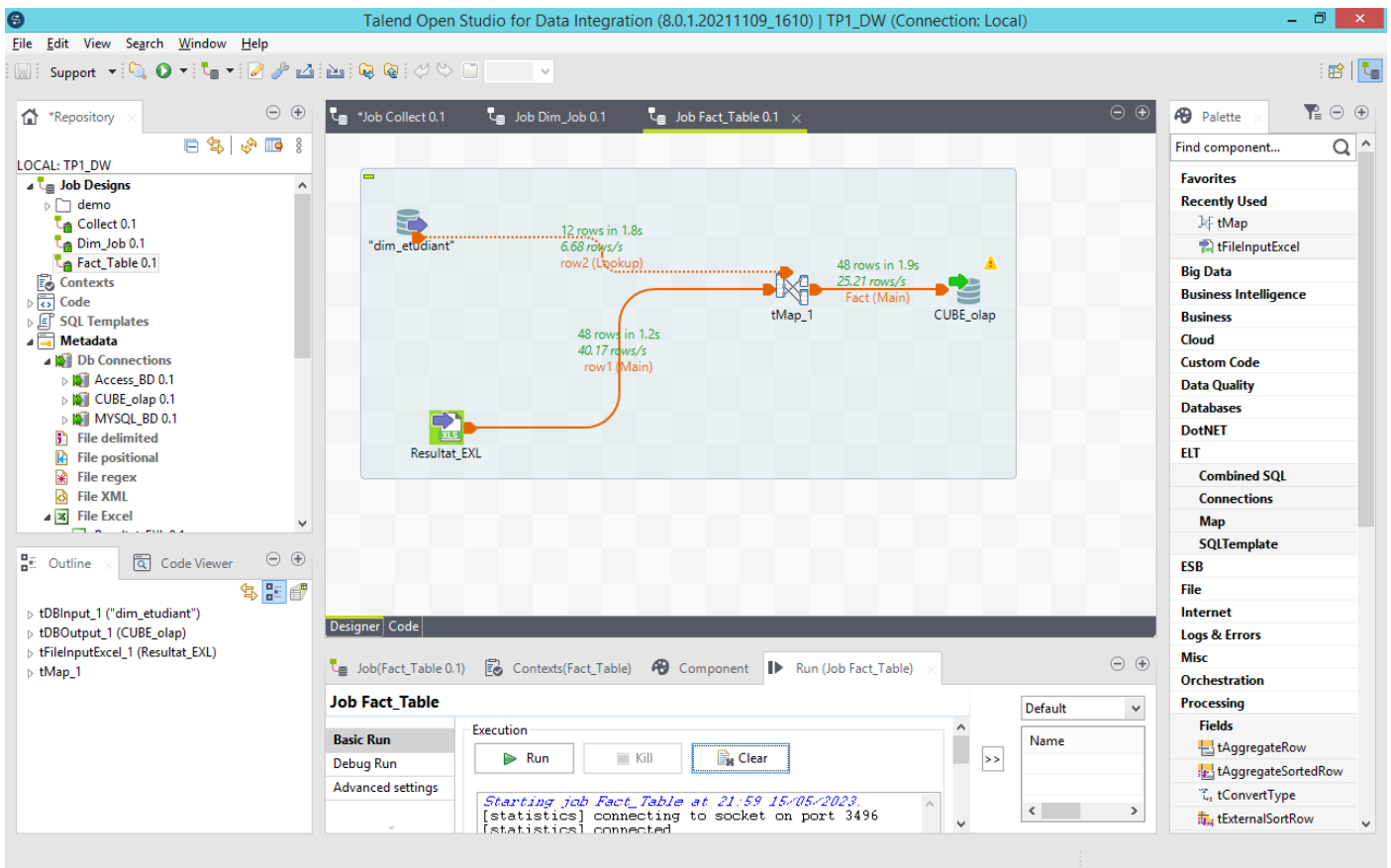
- Flow 1:** Input "date" (3 rows in 0.34s, 8.85 rows/s) → tMap_1 → Dim_Date (Main) (3 rows in 1.99s, 1.51 rows/s) → CUBE_olap.
- Flow 2:** Input "etudiant" (12 rows in 0.1s, 121.21 rows/s) → tMap_2 → Dim_Etudiant (Main) (12 rows in 0.32s, 37.15 rows/s) → CUBE_olap.
- Flow 3:** Input "module" (4 rows in 0.07s, 59.7 rows/s) → tMap_3 → Dim_Module (Main) (4 rows in 0.12s, 34.78 rows/s) → CUBE_olap.

A fourth input "resultat" is shown but not connected. The left sidebar shows the repository structure for TP1_DW, including Job Designs, Contexts, Code, SQL Templates, and Metadata. The bottom panel shows the execution logs for Job Dim_Job, indicating a successful run with warnings about establishing SSL connections.

Execution Log:

```
Mon May 15 21:49:49 WAT 2023 WARN: Establishing SSL  
Mon May 15 21:49:51 WAT 2023 WARN: Establishing SSL  
Duplicate entry '1' for key 'dim_date_PRIMARY'
```

Job 3: Fact Table



On vérifie dans MySQL les résultats.

The screenshot shows the phpMyAdmin interface for the 'cube_olap' database. The 'Structure' tab is active, displaying the table structure for 'dim_date', 'dim_etudiant', 'dim_module', and 'fact'.

Table	Action	Rows	Type	Collation	Size	Overhead
dim_date	Browse Structure Search Insert Empty Drop	3	MyISAM	utf8mb4_0900_ai_ci	2.1 KiB	-
dim_etudiant	Browse Structure Search Insert Empty Drop	12	MyISAM	utf8mb4_0900_ai_ci	2.3 KiB	-
dim_module	Browse Structure Search Insert Empty Drop	4	MyISAM	utf8mb4_0900_ai_ci	2.1 KiB	-
fact	Browse Structure Search Insert Empty Drop	48	MyISAM	utf8mb4_0900_ai_ci	4.1 KiB	-
4 tables	Sum	67	MyISAM	utf8mb4_0900_ai_ci	10.6 KiB	0 B

The 'fact' table is selected, and the 'Check all' option is checked. The 'With selected:' dropdown is set to 'With selected:'. The 'Create new table' button is visible at the bottom.