

# SYNTÈSE

Lorsque le programme reconnaît un ou plusieurs fichiers .csv :

The screenshot shows the Dagster UI interface. At the top, a timeline from 5s to 35s is displayed. Below it, a search bar and filter options ('Events', 'stdout', 'stderr', 'Filter...', 'Levels (5/6)'). The main area shows log entries:

TIMESTAMP	OP	EVENT TYPE	INFO
11:39:12,302	convert_all_csvs	STEP_START	Started execution of step "convert_all_csvs".
11:39:12,324	convert_all_csvs	INFO	Traitement de : htsdata (41 to 70).csv -> htsdata (41 to 70).xlsx
11:39:19,284	convert_all_csvs	INFO	Fichier sauvegardé : C:\Users\faceb\OneDrive - DVHE\Documents\TRAVAIL\STAGE\Dagster\dagster-csv-to-excel\csv_to_excel_project\data\outputs\htsdata
11:39:19,294	convert_all_csvs	STEP_OUTPUT	Yielded output "result" of type "Any". (Type check passed).
11:39:19,433	convert_all_csvs	ASSET_MATERIALIZE	Materialized value convert_all_csvs.
		asset_key convert_all_csvs [View Asset]	
		path C:\Users\faceb\OneDrive - DVHE\Documents\TRAVAIL\STAGE\dagster-csv-to-excel\tmp_dagster_home_nbn7rnsilstorage\convert_all_csvs	□
11:39:20,381	convert_all_csvs	HANDLED_OUTPUT	Handled output "result" using IO manager "io_manager"
		path C:\Users\faceb\OneDrive - DVHE\Documents\TRAVAIL\STAGE\dagster-csv-to-excel\tmp_dagster_home_nbn7rnsilstorage\convert_all_csvs	□
11:39:20,392	convert_all_csvs	STEP_SUCCESS	Finished execution of step "convert_all_csvs" in 8.07s.
11:39:23,466	-	ENGINE_EVENT	Multiprocess executor: parent process exiting after 32.2s (pid: 39584)
11:39:23,496	-	RUN_SUCCESS	Process for run exited (pid: 39584).
11:39:23,624	-	ENGINE_EVENT	Process for run exited (pid: 39584).

```
# On loggue un message pour dire quel fichier on est en train de traiter
context.log.info(f"✅ Traitement de : {filename} -> {new_filename}")

# Lecture du CSV
df = pd.read_csv(input_path)

# Ecriture en Excel (garder le même nom de base)
df.to_excel(output_path, index=False)

# On ajoute le chemin à notre liste de succès
processed_files.append(output_path)

context.log.info(f"✅ Fichier sauvegardé : {output_path}")
```

Un bout du code assets.py

Lorsque le programme ne reconnaît pas un ou plusieurs fichiers .csv :

```
# si la liste est vide, on prévient qu'on n'a rien trouvé
if not processed_files:
    context.log.warning("⚠ Aucun fichier CSV trouvé dans le dossier inputs !")
```

- Pourquoi Materialized ?

Cela montre tout simplement que le programme est arrivé jusqu'à terme. Dans le code, le programme se finit qu'il ait trouvé un fichier .csv à convertir ou non. Le programme n'a pas été fait pour tourner en boucle jusqu'à trouver un fichier à convertir.

The screenshot shows the Dagster UI interface. At the top, a timeline from 1:15:32,679 to 1:15:44,781 is displayed. Below it, a search bar and filter options ('Events', 'stdout', 'stderr', 'Filter...', 'Levels (5/6)'). The main area shows log entries:

TIMESTAMP	OP	EVENT TYPE	INFO
1:15:32,679	convert_all_csvs	STEP_START	Started execution of step "convert_all_csvs".
1:15:32,690	convert_all_csvs	WARNING	⚠ Aucun fichier CSV trouvé dans le dossier inputs !
1:15:32,758	convert_all_csvs	STEP_OUTPUT	Yielded output "result" of type "Any". (Type check passed).
1:15:32,824	convert_all_csvs	ASSET_MATERIALIZE	Materialized value convert_all_csvs.
		asset_key convert_all_csvs [View Asset]	
		path C:\Users\faceb\OneDrive - DVHE\Documents\TRAVAIL\STAGE\dagster-csv-to-excel\tmp_dagster_home_nbn7rnsilstorage\convert_all_csvs	□
1:15:33,430	convert_all_csvs	HANDLED_OUTPUT	Handled output "result" using IO manager "io_manager"
		path C:\Users\faceb\OneDrive - DVHE\Documents\TRAVAIL\STAGE\dagster-csv-to-excel\tmp_dagster_home_nbn7rnsilstorage\convert_all_csvs	□
1:15:33,454	convert_all_csvs	STEP_SUCCESS	Finished execution of step "convert_all_csvs" in 764ms.
1:15:44,619	-	ENGINE_EVENT	Multiprocess executor: parent process exiting after 31.83s (pid: 27056)
1:15:44,627	-	RUN_SUCCESS	Process for run exited (pid: 27056).
1:15:44,781	-	ENGINE_EVENT	Process for run exited (pid: 27056).