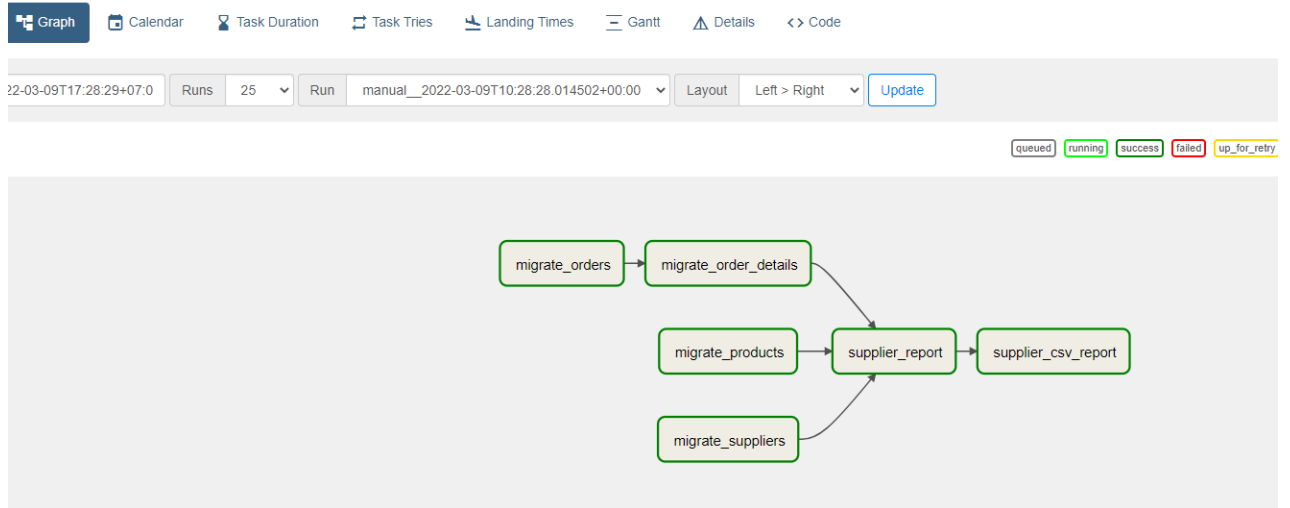


Homework Session 24 - Intermediate Airflow II

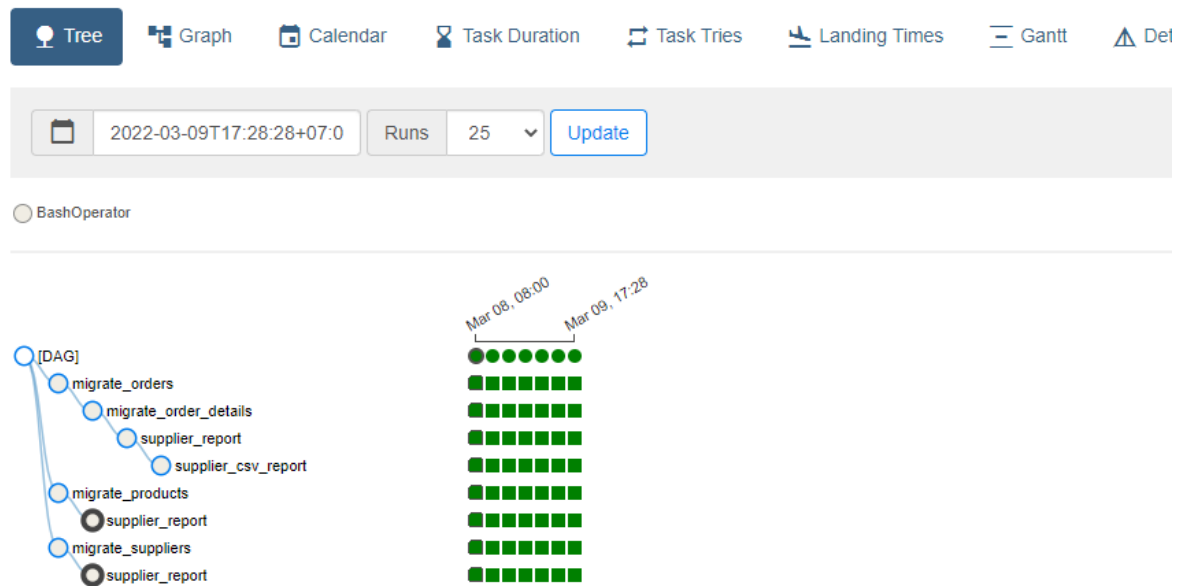
1. Screenshot Graph View

dag_report_jilli



2. Screenshot Tree View

DAG: dag_report_jilli



3. Screenshot Logs

- **supplier_csv_report**

Task Instance: supplier_csv_report at 2022-03-09, 17:35:54

[Task Instance Details](#) [<> Rendered Template](#) [Log](#) [XCom](#)

Log by attempts

1

[Jump To End](#) [Toggle Wrap](#)

```
*** Reading remote log from gs://us-central1-airflowdataeng-zaf157cl-bucket/logs/dag_report_j1lll/supplier_csv_report/2022-03-09T10:35:54.901607+00:00/1.log.
[2022-03-09, 17:36:22 WEB] (taskinstance.py:1033) INFO - Dependencies all met for <TaskInstance: dag_report_j1lll.supplier_csv_report manual_2022-03-09T10:35:54.901607+00:00 [queued]>
[2022-03-09, 17:36:22 WEB] (taskinstance.py:1033) INFO - Dependencies all met for <TaskInstance: dag_report_j1lll.supplier_csv_report manual_2022-03-09T10:35:54.901607+00:00 [queued]>
[2022-03-09, 17:36:22 WEB] (taskinstance.py:1239) INFO -
-----
[2022-03-09, 17:36:22 WEB] (taskinstance.py:1240) INFO - Starting attempt 1 of 3
[2022-03-09, 17:36:22 WEB] (taskinstance.py:1241) INFO -
-----
[2022-03-09, 17:36:22 WEB] (taskinstance.py:1260) INFO - Executing <Task(BashOperator): supplier_csv_report> on 2022-03-09 10:35:54.901607+00:00
[2022-03-09, 17:36:22 WEB] (standard_task_runner.py:52) INFO - Started process 100166 to run task
[2022-03-09, 17:36:22 WEB] (standard_task_runner.py:76) INFO - Running: ['airflow', 'tasks', 'run', 'dag_report_j1lll', 'supplier_csv_report', 'manual_2022-03-09T10:35:54.901607+00:00', '--job-id', '6032', '--raw', '--subdir', 'DAGS_FOLDER/dag_report_j1lll.py
[2022-03-09, 17:36:22 WEB] (standard_task_runner.py:77) INFO - Job 6032: Subtask supplier_csv_report
[2022-03-09, 17:36:23 WEB] (logging_mixin.py:189) INFO - Running <TaskInstance: dag_report_j1lll.supplier_csv_report manual_2022-03-09T10:35:54.901607+00:00 [running]> on host airflow-worker-8zwtb
[2022-03-09, 17:36:23 WEB] (taskinstance.py:1426) INFO - Exporting the following env vars:
AIRFLOW_CTX_DAG_ID=dag_report_j1lll
AIRFLOW_CTX_TASK_ID=supplier_csv_report
AIRFLOW_CTX_EXECUTION_DATE=2022-03-09T10:35:54.901607+00:00
AIRFLOW_CTX_DAG_RUN_ID=manual_2022-03-09T10:35:54.901607+00:00
[2022-03-09, 17:36:23 WEB] (subprocess.py:62) INFO - Temp dir root location:
/tmp
[2022-03-09, 17:36:23 WEB] (subprocess.py:74) INFO - Running command: ['bash', '-c', 'python /home/airflow/gcs/dags/includes/j1lll_sg_supplier_csv_report.py 2022-03-09']
[2022-03-09, 17:36:23 WEB] (subprocess.py:85) INFO - Output:
[2022-03-09, 17:36:24 WEB] (subprocess.py:93) INFO - Command exited with return code 0
[2022-03-09, 17:36:24 WEB] (taskinstance.py:1268) INFO - Marking task as SUCCESS. dag_id=dag_report_j1lll, task_id=supplier_csv_report, execution_date=20220309T103554, start_date=20220309T103622, end_date=20220309T103624
[2022-03-09, 17:36:25 WEB] (local_task_job.py:154) INFO - Task exited with return code 0
[2022-03-09, 17:36:25 WEB] (local_task_job.py:164) INFO - 0 downstream tasks scheduled from follow-on schedule check
```

4. File Dag Script

```
from datetime import datetime, timedelta
from airflow import DAG
from airflow.operators.bash import BashOperator
from airflow.operators.dummy import DummyOperator
from airflow.operators.python import PythonOperator

with DAG(
    dag_id='dag_report_jilli',
    schedule_interval='0 1 * * *',
    start_date=datetime(2022,3,6),
    catchup=False
) as dag:
    migrate_orders = BashOperator(
        task_id='migrate_orders',
        bash_command='python
/home/airflow/gcs/dags/includes/jil/jil_pg_migrate_orders.py {{ ds }}'
    )
    migrate_order_details = BashOperator(
        task_id='migrate_order_details',
        bash_command='python
/home/airflow/gcs/dags/includes/jil/jil_pg_migrate_order_details.py {{
ds }}'
    )
    migrate_products = BashOperator(
        task_id='migrate_products',
        bash_command='python
/home/airflow/gcs/dags/includes/jil/jil_pg_migrate_products.py {{ ds
}}'
    )
    migrate_suppliers = BashOperator(
        task_id='migrate_suppliers',
        bash_command='python
/home/airflow/gcs/dags/includes/jil/jil_pg_migrate_suppliers.py {{ ds
}}'
    )
    supplier_report = BashOperator(
        task_id='supplier_report',
        bash_command='python
/home/airflow/gcs/dags/includes/jil/jil_pg_supplier_report.py {{ ds }}'
    )
    supplier_csv_report = BashOperator(
        task_id='supplier_csv_report',
        bash_command='python
/home/airflow/gcs/dags/includes/jil/jil_pg_supplier_csv_report.py {{ ds
}}'
    )

    migrate_orders >> migrate_order_details >> supplier_report
    migrate_products >> supplier_report
    migrate_suppliers >> supplier_report
    supplier_report >> supplier_csv_report
```