

Unlocking Event-Driven Scheduling in Airflow 3

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Agenda

1. Past. Event-driven scheduling was already there!

2. Present. What's new?

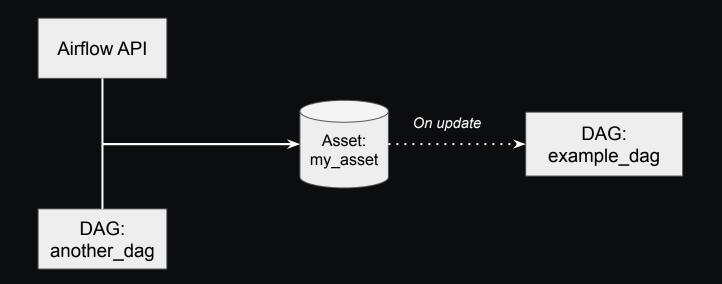
Past. Event-driven scheduling was already there!



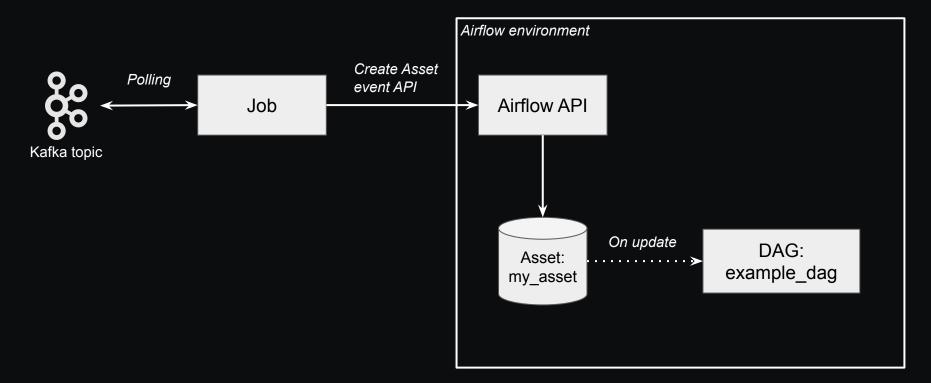
Past. Event-driven scheduling was already there!

```
asset = Asset("my_asset")
with DAG(
    dag_id="example_dag",
    schedule=[asset],
    @task
    def my_task():
        print("Hello world")
    chain(my_task())
```

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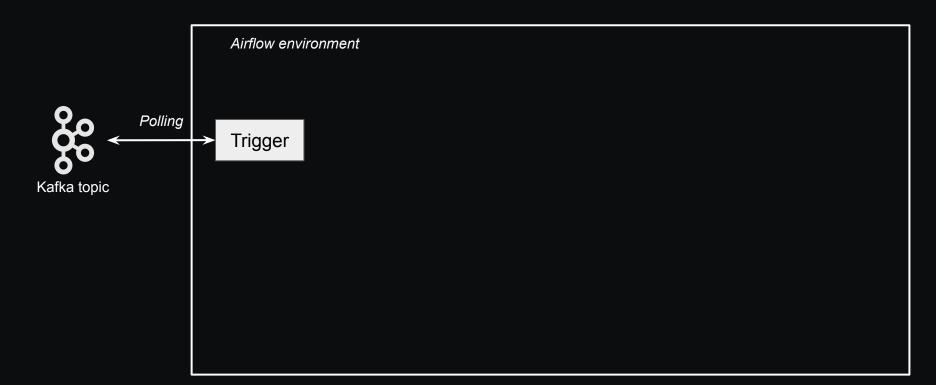


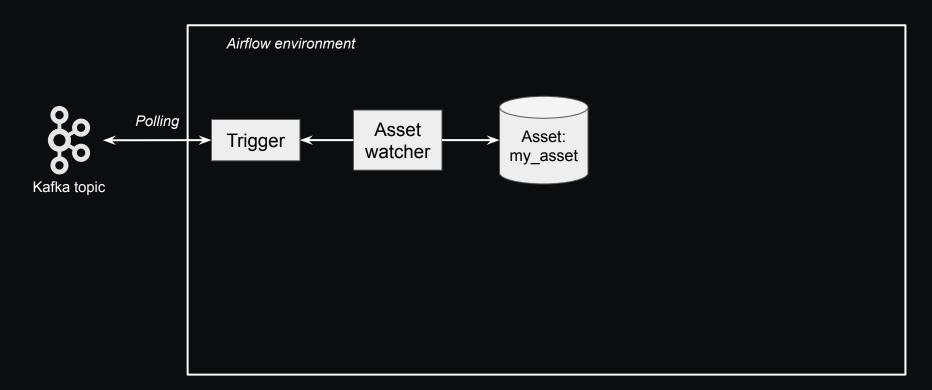


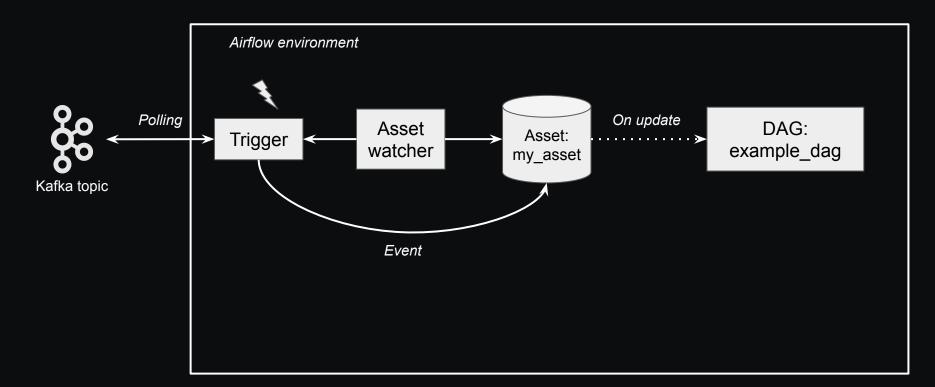
```
asset = Asset("my_asset"
with DAG(
    dag_id="example_dag",
    schedule=[asset],
   @task
    def my_task():
        print("Hello world")
    chain(my_task())
```

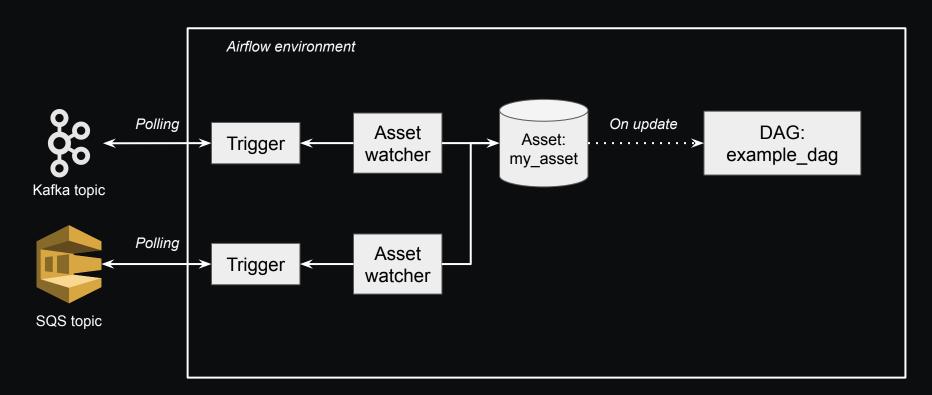
```
trigger = MessageQueueTrigger(
    scheme="kafka",
    topics=["my_kafka_topic"],
asset = Asset("my_asset"
with DAG(
    dag_id="example_dag",
    schedule=[asset],
    @task
    def my_task():
        print("Hello world")
    chain(my_task())
```

```
trigger = MessageQueueTrigger(
    scheme="kafka",
    topics=["my_kafka_topic"],
asset = Asset("my_asset", watchers=[
    AssetWatcher(name="my_asset_watcher", trigger=trigger)
with DAG(
    dag_id="example_dag",
    schedule=[asset],
    @task
    def my_task():
        print("Hello world")
    chain(my_task())
```



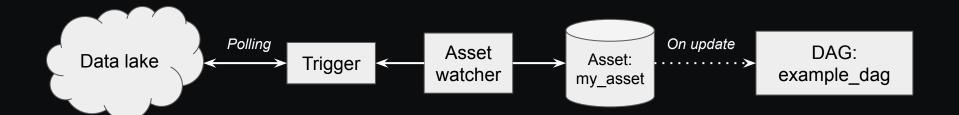


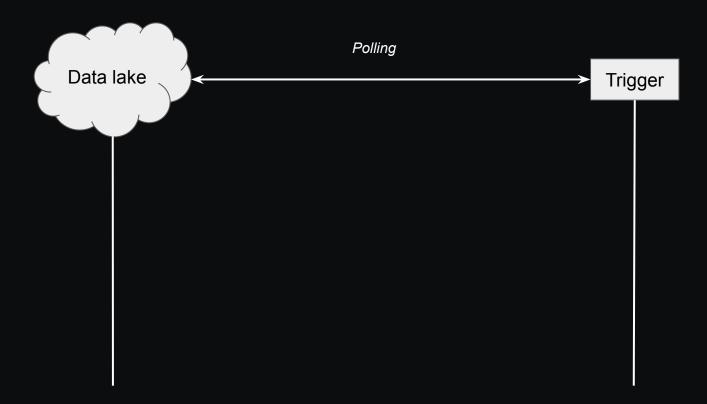


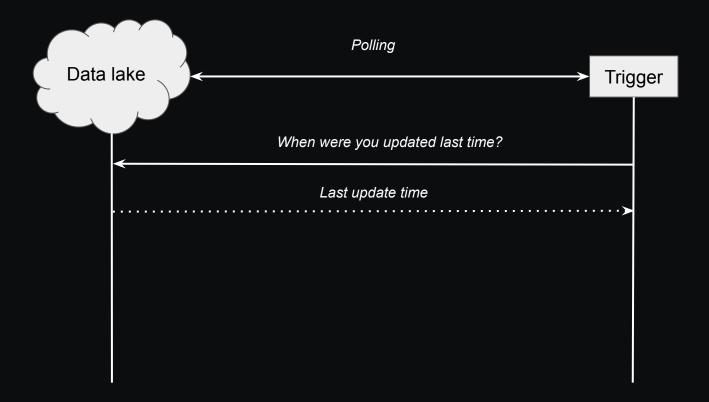


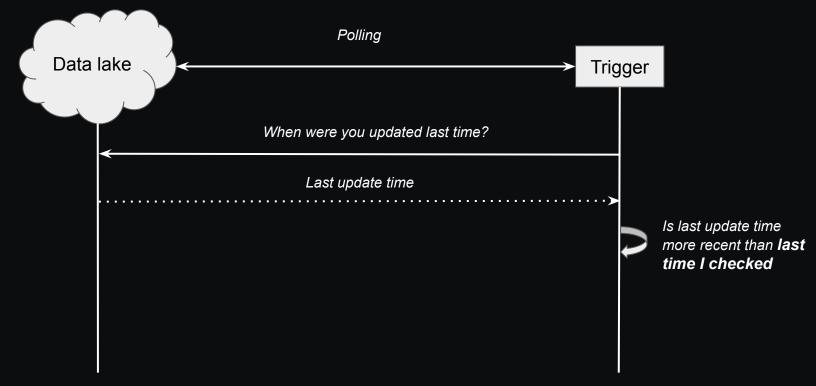


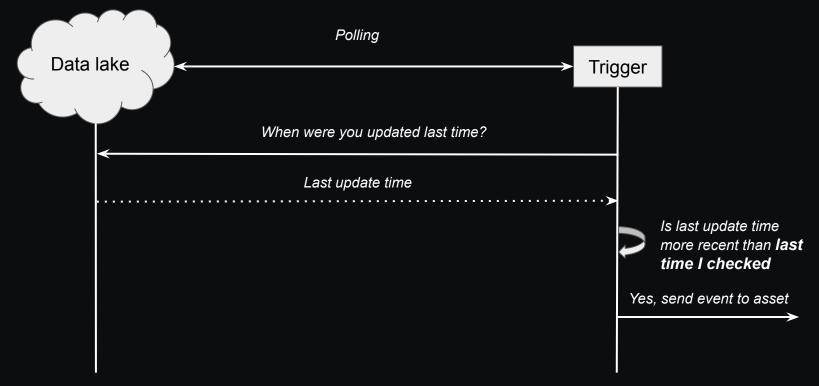


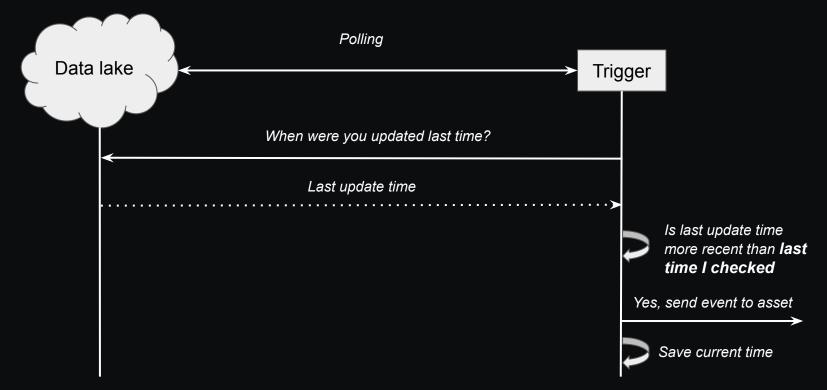












State store



AIP-93. Creating a State Store and Interface

Questions?

https://github.com/vincbeck