Introduction

Making Apache Airflow Flexible With Docker

An Overview

- Quick Reminder About Docker
  - Review of Docker and Docker Compose as well as some useful commands
- Installing Docker on the VM
  - If you haven't download the latest version of the VM
- Building and Running your first Airflow Docker Image
  - We will take a look at the Dockerfile and build our first Docker Image to run it
- Running Airflow with Sequential Executor using Docker
  - Using Docker Compose to quickly start the webserver and the scheduler from two docker containers using a shared metadabase
- Running Airflow with Local Executor using Docker Compose
  - Starting the webserver and the scheduler from the same container and PostgreSQL in another to use Local Executors with Docker
- Scaling Airflow with Celery Executor using Docker Compose
  - Running Redis, PostgreSQL, the webserver and the scheduler as well as multiple workers to use Celery Executors with Docker

Ready?

Let's play with Airflow using Docker