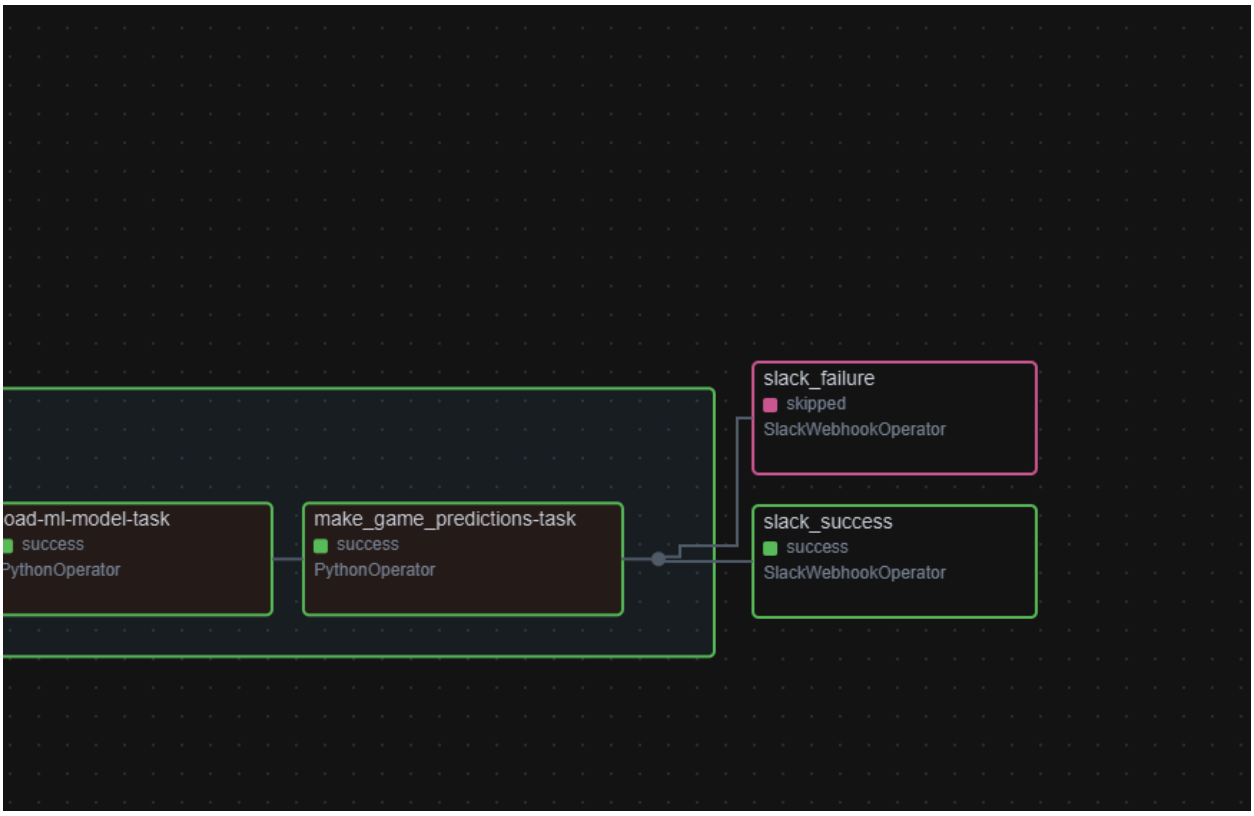
Guide for Setting up Slack Connection w/ Airflow.

After running the docker compose command to set up the containers and before running the DAGs for an ETL process for MLB Baseball Savant/ Statcast data and the Load MLB Stats ETL process, you are going to want to set up a Slack Connection Webhook inside of Airflow.

Why do I need a Slack Connection?

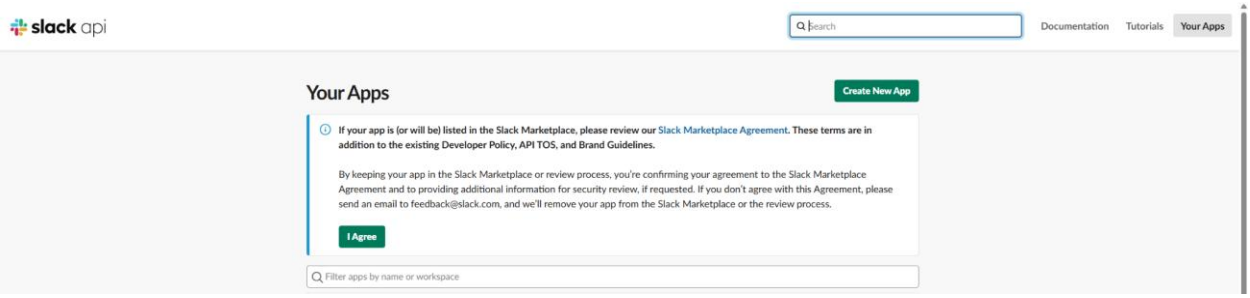
As you can notice at the end of the DAG run, it sends slack messages to a channel of choice with the status of the run. I intended this to assist with visibility into the data pipelines, specifically when they are scheduled DAGs.



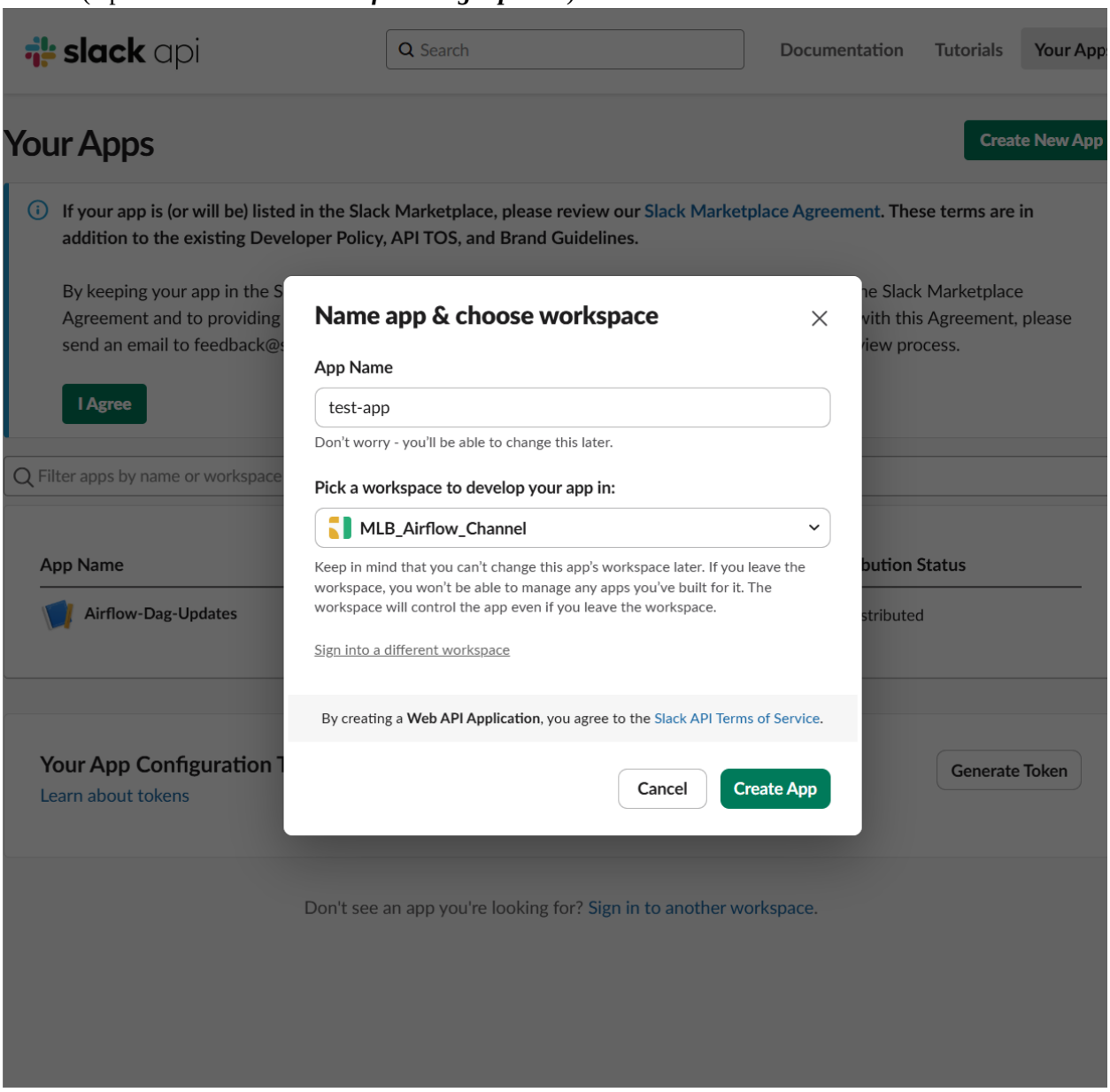
How Do I Set up this Slack Connection?

To set up this slack connection you are going to first set up an account on https://slack.com/ and create a Workspace. In that workspace create a channel named **#airflow-dag-status**

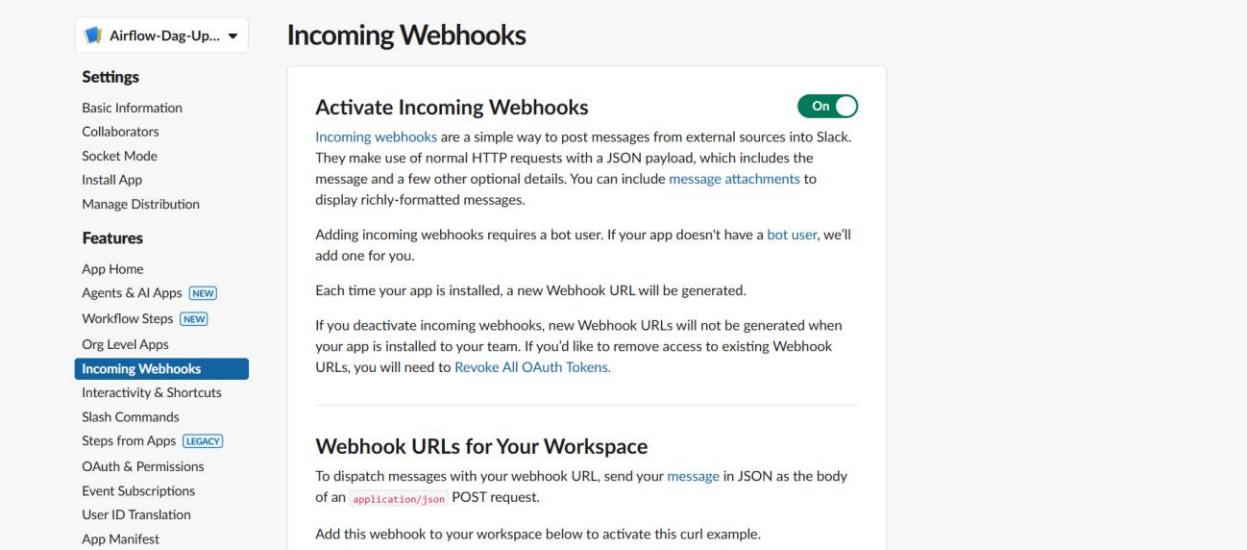
After creating a Workspace proceed to https://api.slack.com/ to create an app/bot and choose the ***From Scratch*** option:



Through this page, give your app/bot a name and click the drop down to select the workspace you created earlier. (Update: Name the Bot: ***Airflow-Dag-Updates***)

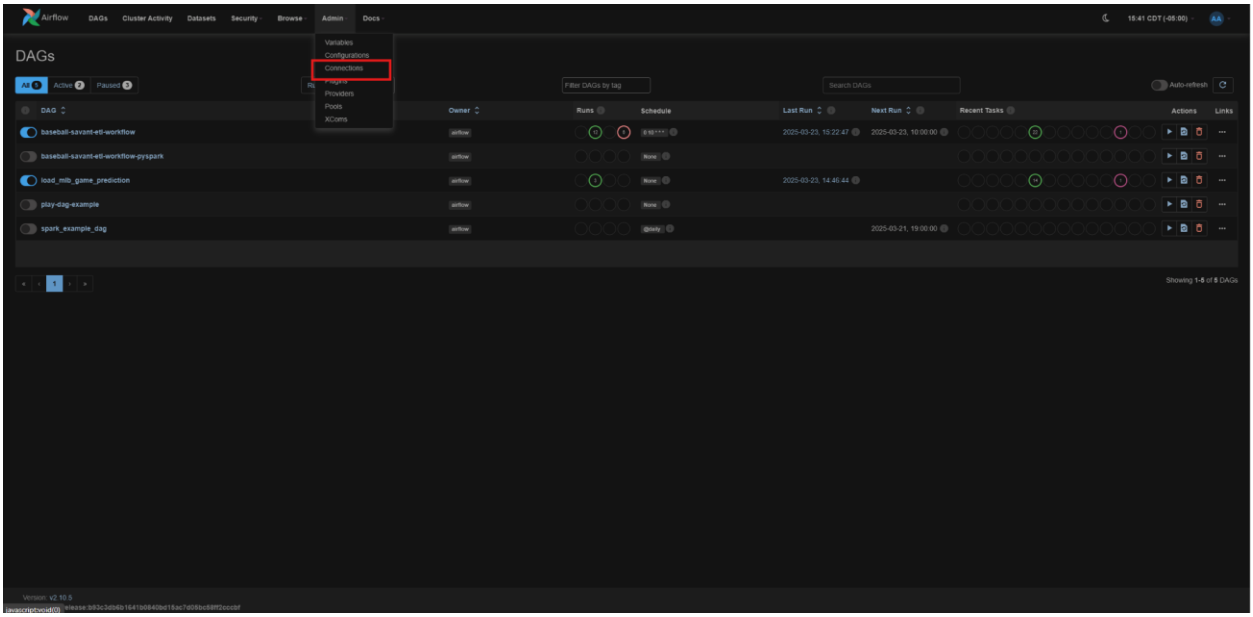


After that is ready, make sure to turn on Incoming Webhooks for your workspace.

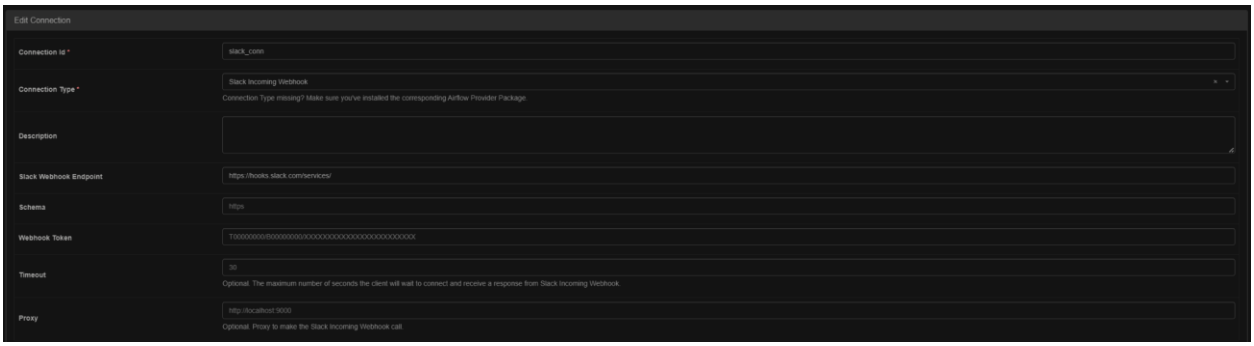


You should receive a copyable link in this format:
https://hooks.slack.com/services/TXXXXXXX/BXXXXXXXX/XXXXXXXX
***** Note the Xs do not match the actual length of the key, make sure to store this somewhere safe***

After those steps are complete come back into Airflow UI on localhost:8081. Click on **Connections** Under the **Admin** tab.



Create a New Connection following this Format, the only change is inputting your Slack Web Hook token information.



When everything is up and connected, running the ***baseball-savant-etl-workflow*** or the load_mlb_game_predictions DAGS should end with sending a slack notification to your **#airflow-dag-status** channel like below upon either DAG success or failure: