DBT Commands

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Contents

dbt run

Executes compiled sql model files against the current target database. dbt connects to the target database and runs the relevant SQL required to materialize all data models.

dbt run minimizes the amount of time in which a model is unavailable by first building each model with a tmeporary name, then dropping the existing model, then renaming the model to its correct name. This drop and renaming happens within a single database transaction.

Run Models with Variables

Variables can be defined globally at the `dbt_project.yml` level, or at runtime.

If a variable exists in the `dbt_project.yml` file, and it is set on runtime, the value defined on runtime overrides the project level value.

To set a variable at runtime:

```
dbt run --vars '{"key": "value", "date": 20180101}'
```

```yaml
# dbt_project.yml

# ...
vars:
  start_date: '2022-01-01'

  # The `platforms` variable is only acccessible to resources in the
  # my_dbt_project project
  my_dbt_project:
    platforms: ['web', 'mobile']

  # The `app_ids` variable is only accessible to resources in the snowplow
  # package
  snowplow:
    app_ids: ['marketing', 'app', 'landing-page']

# ...
```

dbt test

dbt compile