Fivetran + dbt Labs

dbt State

Build what's changed, skip what hasn't.

What is dbt State?

dbt State checks your model SQL and warehouse metadata on every run, then builds only what actually changed and reuses the rest: skipping, cloning, or auto-deferring to production. Simpler orchestration, faster development, and meaningfully less warehouse compute, everywhere you run dbt. It works in dbt platform, dbt Core, locally, and with third party orchestrators. No migration, no new project, no prerequisites.

Simplify orchestration

Declare freshness on the model in code, not in the scheduler. Job fragmentation collapses, every SLA change becomes a pull request, and you run as often as the business needs.

Develop faster, with guardrails

Start building in seconds and run only the part of the DAG you're touching. No cloning macros, staleness bookkeeping, or selection-syntax expertise. The same guardrail holds no matter who, or which AI agent, runs the command.

Optimize performance

Reduce compute and build times by building only what changed upstream. 15-30% less warehouse compute on average. Nothing custom to build or maintain.

"The developer experience with dbt State is vastly underrated. With dbt State doing the cloning and reuse automatically, the guardrails are just in the infrastructure now, whether it's an analyst or an agent doing the work."

`Brett Peterson, Director, Data and Metrics, Custom Ink`

Why dbt State?

Most scheduled dbt jobs run hourly, and most of the time the upstream data hasn't moved, so models rebuild to produce exactly what they produced an hour ago. dbt State moves that decision into the run itself: freshness lives in code, orchestration gets simpler as you scale, and development starts immediately and iteration happens faster. The compute savings are the easiest thing to measure, but they development experience.

Learn more at www.getdbt.com/product/dbt-state

dbt State is compatible with dbt Core or natively within the dbt platform

QUICKSTART

Before you set up dbt State, make sure you have:

- **A supported dbt version:** dbt State is natively available in dbt platform and dbt v2. It's also available as a plugin for dbt Core v1.7–1.12
- **A supported data platform:** Snowflake, Databricks, BigQuery, or Redshift

dbt Core:

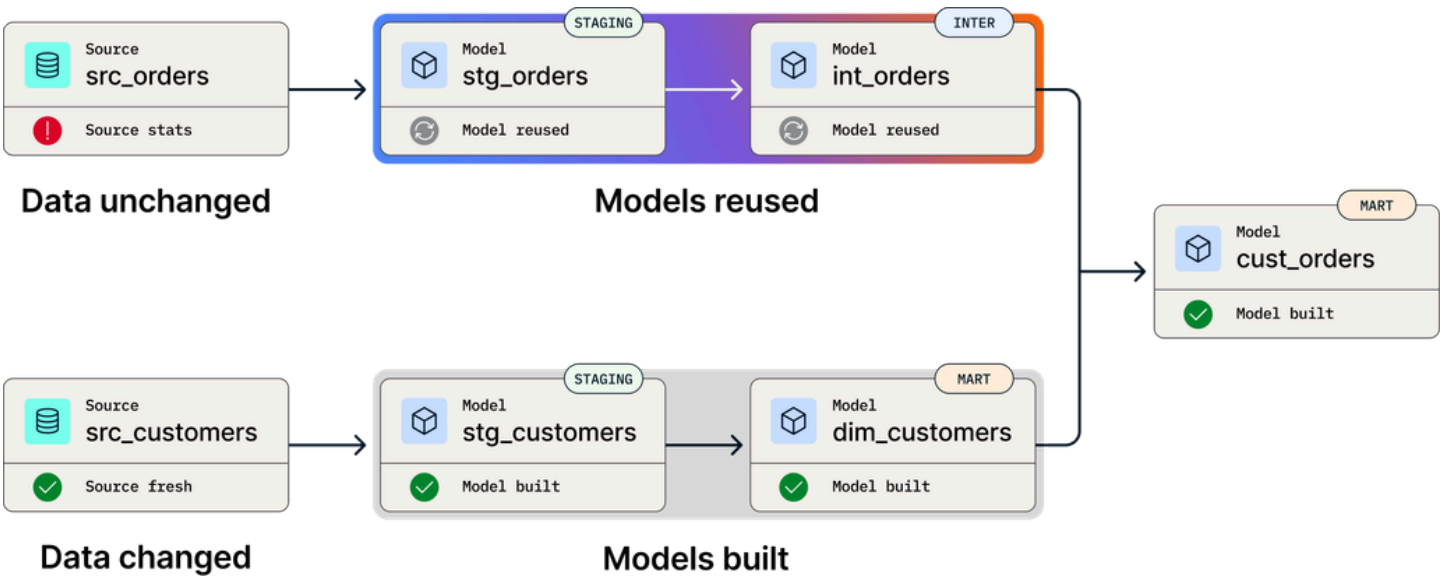
- Install dbt State
  - On Core v1.7-1.12: run pip install dbt-state and the first dbt run or dbt build will prompt you create an account to start a trial
  - On v2.0: run dbt login to start a trial
- dbt State is now enabled on every dbt run or dbt build
- User-level configuration is set in ~/.dbt/user_settings.yml

dbt platform:

- Account settings, set up dbt State

"dbt State has been a paradigm shift for how we work. With freshness codified, simpler orchestration, and ultimately, freed-up developer capacity, we focus more time on initiatives that add value to our business. And that's on top of the 25% savings on both job run time and warehouse compute costs."

`Gordon Curzon, Head of Analytics Engineering, Virgin Media O2`



Learn more at www.getdbt.com/product/dbt-state