

FILE DISCOVERY

INSERT NEW FILE

JOB GENERATION/
SUBMISSION

SUBMIT JOB

QUERY NEW FILE
INSERT NEW JOB

JOB MONITORING

QUERY JOB STATUS

UPDATE JOB STATUS

JOB VALIDATION

QUERY FINISHED JOB
UPDATE JOB STATUS

FILE CLEANING

QUERY VALIDATED JOB
UPDATE FILE STATUS

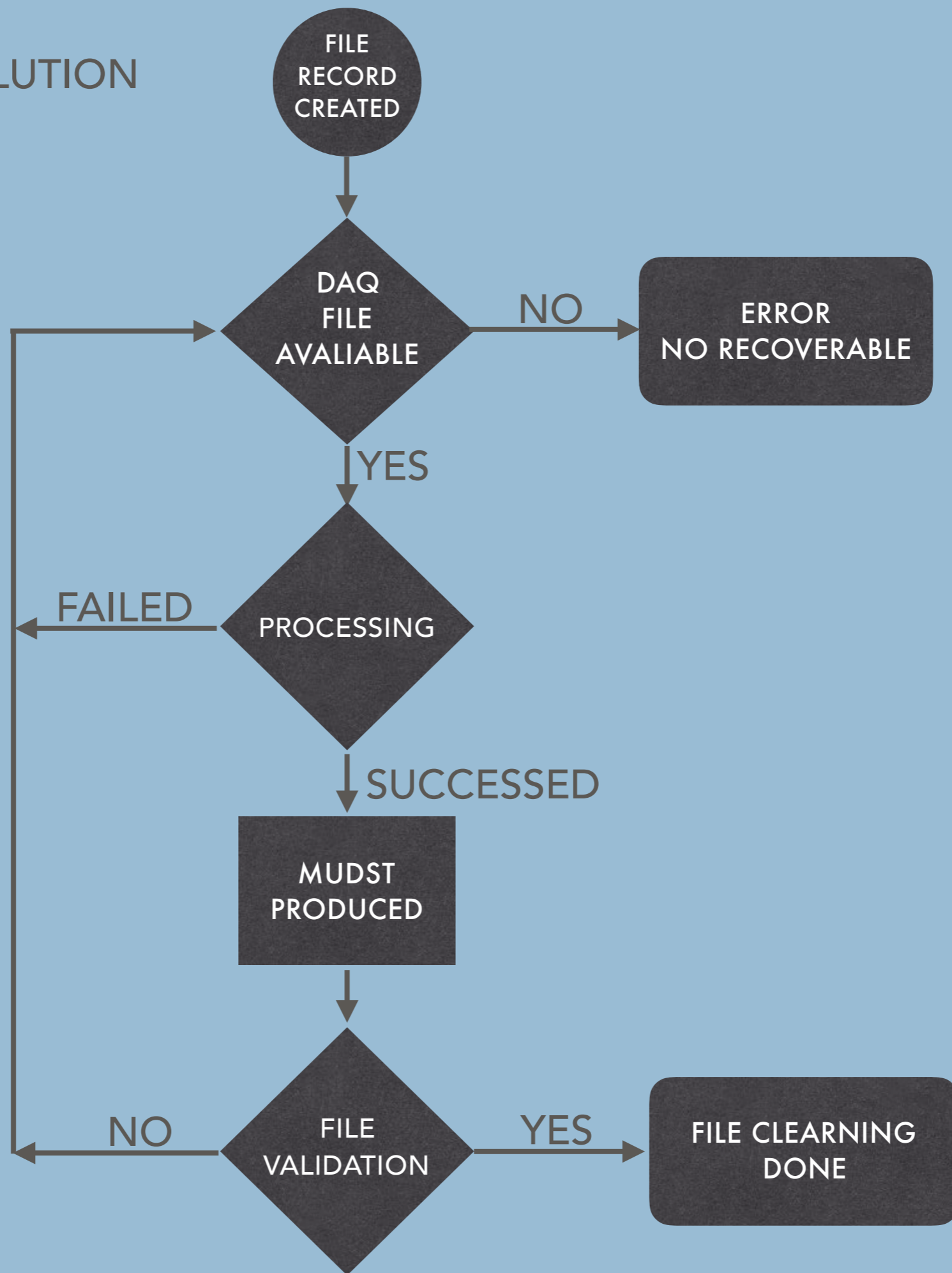
FILE & JOB
RECORDS
DATABASE

QUERY FILE &
JOB STATUS

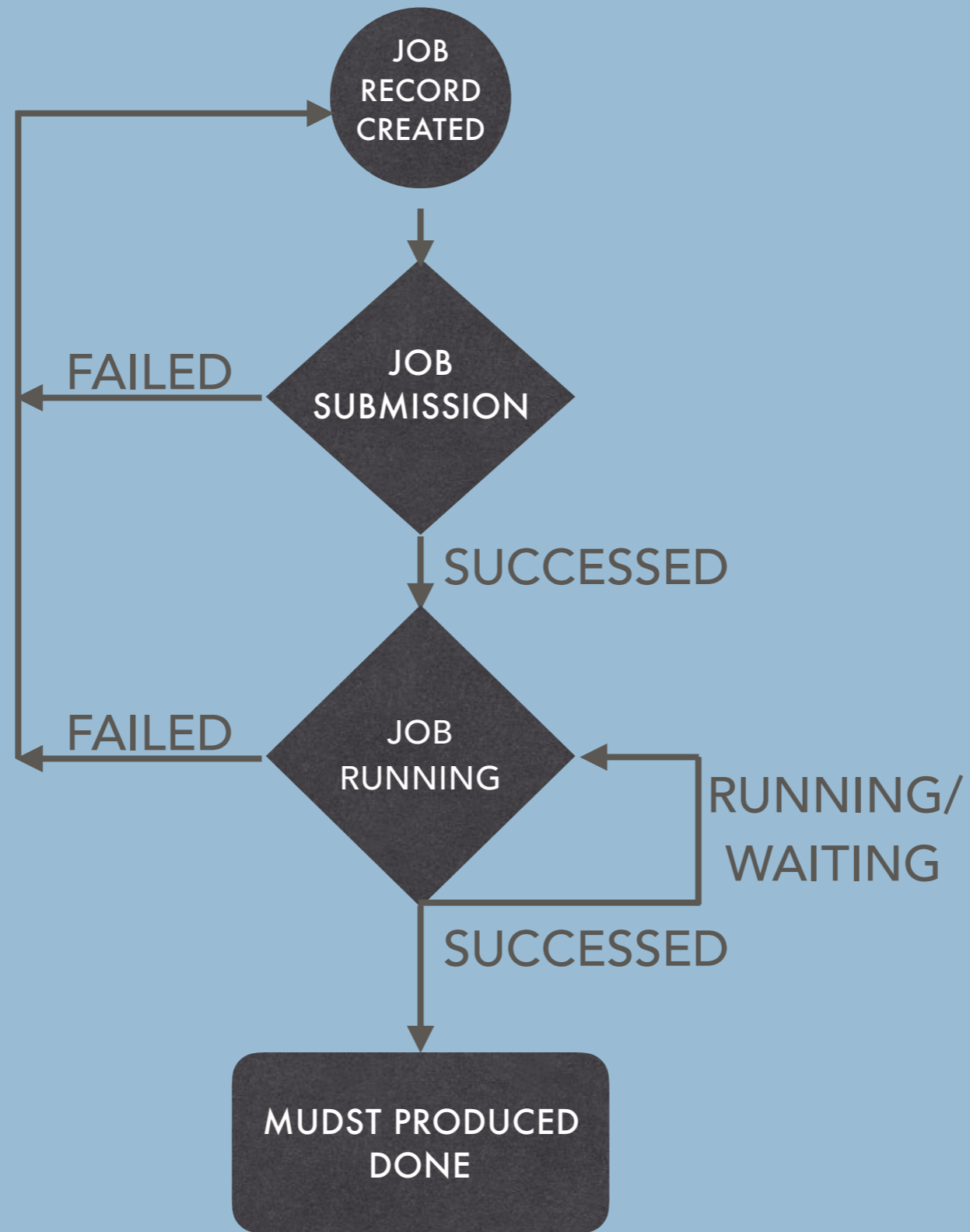


?

- FILE STATUS EVOLUTION



- JOB STATUS EVOLUTION



- JOB MASTER: AIRFLOW



"Super CRON"

DAG	Filepath	Owner	Task by State	Links
example1	example_dags/example1.py	airflow	80 1 0	
example2	example_dags/example2.py	airflow	128 10 0	
example3	example_dags/example3.py	airflow	138 5 0	