## InteractionGraphAggregationJob Dataflow Job

This job aggregates the previous day's history with today's activities, and outputs an updated

history. This history is joined with the explicit scores from real graph's BQML pipeline, and

exported as features for timelines (which is why we're using their thrift).

#### IntelliJ

```

fastpass create --name rg\_agg\_all --intellij src/scala/com/twitter/interaction\_graph/scio/agg\_all:interaction\_graph\_aggregation\_job\_scio

```

#### Compile

```

bazel build src/scala/com/twitter/interaction\_graph/scio/agg\_all:interaction\_graph\_aggregation\_job\_scio

```

#### Build Jar

```

bazel bundle src/scala/com/twitter/interaction\_graph/scio/agg\_all:interaction\_graph\_aggregation\_job\_scio

```

#### Run Scheduled Job

```

export PROJECTID=twttr-recos-ml-prod

export REGION=us-central1

export JOB\_NAME=interaction-graph-aggregation-dataflow

bin/d6w schedule \

${PROJECTID}/${REGION}/${JOB\_NAME} \

src/scala/com/twitter/interaction\_graph/scio/agg\_all/config.d6w \

--bind=profile.user\_name=cassowary \

--bind=profile.project=${PROJECTID} \

--bind=profile.region=${REGION} \

--bind=profile.job\_name=${JOB\_NAME} \

--bind=profile.environment=prod \

--bind=profile.date=2022-11-08 \

--bind=profile.output\_path=processed/interaction\_graph\_aggregation\_dataflow

```