namespace java com.twitter.simclusters\_v2.thriftjava

namespace py gen.twitter.simclusters\_v2

#@namespace scala com.twitter.simclusters\_v2.thriftscala

#@namespace strato com.twitter.simclusters\_v2

include "embedding.thrift"

include "simclusters\_presto.thrift"

/\*\*

\* Struct that associates a user with simcluster scores for different

\* interaction types. This is meant to be used as a feature to predict abuse.

\*

\* This thrift struct is meant for exploration purposes. It does not have any

\* assumptions about what type of interactions we use or what types of scores

\* we are keeping track of.

\*\*/

struct AdhocSingleSideClusterScores {

1: required i64 userId(personalDataType = 'UserId')

// We can make the interaction types have arbitrary names. In the production

// version of this dataset. We should have a different field per interaction

// type so that API of what is included is more clear.

2: required map<string, embedding.SimClustersEmbedding> interactionScores

}(persisted="true", hasPersonalData = 'true')

/\*\*

\* This is a prod version of the single side features. It is meant to be used as a value in a key

\* value store. The pair of healthy and unhealthy scores will be different depending on the use case.

\* We will use different stores for different user cases. For instance, the first instance that

\* we implement will use search abuse reports and impressions. We can build stores for new values

\* in the future.

\*

\* The consumer creates the interactions which the author receives. For instance, the consumer

\* creates an abuse report for an author. The consumer scores are related to the interaction creation

\* behavior of the consumer. The author scores are related to the whether the author receives these

\* interactions.

\*

\*\*/

struct SingleSideUserScores {

1: required i64 userId(personalDataType = 'UserId')

2: required double consumerUnhealthyScore(personalDataType = 'EngagementScore')

3: required double consumerHealthyScore(personalDataType = 'EngagementScore')

4: required double authorUnhealthyScore(personalDataType = 'EngagementScore')

5: required double authorHealthyScore(personalDataType = 'EngagementScore')

}(persisted="true", hasPersonalData = 'true')

/\*\*

\* Struct that associates a cluster-cluster interaction scores for different

\* interaction types.

\*\*/

struct AdhocCrossSimClusterInteractionScores {

1: required i64 clusterId

2: required list<simclusters\_presto.ClustersScore> clusterScores

}(persisted="true")