namespace java com.twitter.follow\_recommendations.logging.thriftjava

#@namespace scala com.twitter.follow\_recommendations.logging.thriftscala

#@namespace strato com.twitter.follow\_recommendations.logging

include "com/twitter/ml/api/data.thrift"

struct CandidateSourceDetails {

1: optional map<string, double> candidateSourceScores

2: optional i32 primarySource

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

struct Score {

1: required double value

2: optional string rankerId

3: optional string scoreType

}(persisted='true', hasPersonalData='false') // scoring and ranking info per ranking stage

// Contains (1) the ML-based heavy ranker and score (2) scores and rankers in producer experiment framework

struct Scores {

1: required list<Score> scores

2: optional string selectedRankerId

3: required bool isInProducerScoringExperiment

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

struct RankingInfo {

1: optional Scores scores

2: optional i32 rank

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

// this encapsulates all information related to the ranking process from generation to scoring

struct ScoringDetails {

1: optional CandidateSourceDetails candidateSourceDetails

2: optional double score // The ML-based heavy ranker score

3: optional data.DataRecord dataRecord

4: optional list<string> rankerIds // all ranker ids, including (1) ML-based heavy ranker (2) non-ML adhoc rankers

5: optional map<string, RankingInfo> infoPerRankingStage // scoring and ranking info per ranking stage

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