namespace java com.twitter.follow\_recommendations.thriftjava

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

#@namespace strato com.twitter.follow\_recommendations

// Proof based on Follow relationship

struct FollowProof {

1: required list<i64> userIds(personalDataType='UserId')

2: required i32 numIds(personalDataType='CountOfFollowersAndFollowees')

}(hasPersonalData='true')

// Similar to userIds in the context (e.g. profileId)

struct SimilarToProof {

1: required list<i64> userIds(personalDataType='UserId')

}(hasPersonalData='true')

// Proof based on geo location

struct PopularInGeoProof {

1: required string location(personalDataType='InferredLocation')

}(hasPersonalData='true')

// Proof based on ttt interest

struct TttInterestProof {

1: required i64 interestId(personalDataType='ProvidedInterests')

2: required string interestDisplayName(personalDataType='ProvidedInterests')

}(hasPersonalData='true')

// Proof based on topics

struct TopicProof {

1: required i64 topicId(personalDataType='ProvidedInterests')

}(hasPersonalData='true')

// Proof based on custom interest / search queries

struct CustomInterestProof {

1: required string query(personalDataType='SearchQuery')

}(hasPersonalData='true')

// Proof based on tweet authors

struct TweetsAuthorProof {

1: required list<i64> tweetIds(personalDataType='TweetId')

}(hasPersonalData='true')

// Proof candidate is of device follow type

struct DeviceFollowProof {

1: required bool isDeviceFollow(personalDataType='OtherDeviceInfo')

}(hasPersonalData='true')

// Account level proof that should be attached to each candidate

struct AccountProof {

1: optional FollowProof followProof

2: optional SimilarToProof similarToProof

3: optional PopularInGeoProof popularInGeoProof

4: optional TttInterestProof tttInterestProof

5: optional TopicProof topicProof

6: optional CustomInterestProof customInterestProof

7: optional TweetsAuthorProof tweetsAuthorProof

8: optional DeviceFollowProof deviceFollowProof

}(hasPersonalData='true')

struct Reason {

1: optional AccountProof accountProof

}(hasPersonalData='true')