package com.twitter.search.common.schema.base;

import java.util.Map;

import com.google.common.collect.ImmutableMap;

/\*\*

\* Maps from fieldName to fieldIDs.

\*/

public abstract class FieldNameToIdMapping {

/\*\*

\* Returns field ID for the given fieldName.

\* Can throw unchecked exceptions is the fieldName is not known to Earlybird.

\*/

public abstract int getFieldID(String fieldName);

/\*\*

\* Wrap the given map into a fieldNameToIdMapping instance.

\*/

public static FieldNameToIdMapping newFieldNameToIdMapping(Map<String, Integer> map) {

final ImmutableMap<String, Integer> immutableMap = ImmutableMap.copyOf(map);

return new FieldNameToIdMapping() {

@Override public int getFieldID(String fieldName) {

return immutableMap.get(fieldName);

}

};

}

}