package com.twitter.search.feature\_update\_service.util;

import javax.annotation.Nullable;

import com.twitter.search.common.schema.base.ThriftDocumentUtil;

import com.twitter.search.feature\_update\_service.thriftjava.FeatureUpdateRequest;

import com.twitter.search.feature\_update\_service.thriftjava.FeatureUpdateResponse;

import com.twitter.search.feature\_update\_service.thriftjava.FeatureUpdateResponseCode;

public final class FeatureUpdateValidator {

private FeatureUpdateValidator() { }

/\*\*

\* Validates FeatureUpdateRequest

\* @param featureUpdate instance of FeatureUpdateRequest with ThriftIndexingEvent

\* @return null if valid, instance of FeatureUpdateResponse if not.

\* Response will have appropriate error code and message set.

\*/

@Nullable

public static FeatureUpdateResponse validate(FeatureUpdateRequest featureUpdate) {

if (ThriftDocumentUtil.hasDuplicateFields(featureUpdate.getEvent().getDocument())) {

return createResponse(

String.format("duplicate document fields: %s", featureUpdate.toString()));

}

if (!featureUpdate.getEvent().isSetUid()) {

return createResponse(String.format("unset uid: %s", featureUpdate.toString()));

}

return null;

}

private static FeatureUpdateResponse createResponse(String errorMsg) {

FeatureUpdateResponseCode responseCode = FeatureUpdateResponseCode.CLIENT\_ERROR;

FeatureUpdateResponse response = new FeatureUpdateResponse(responseCode);

response.setDetailMessage(errorMsg);

return response;

}

}