package com.twitter.search.ingester.pipeline.util;

import com.google.common.base.Strings;

import com.twitter.expandodo.thriftjava.BindingValue;

import com.twitter.expandodo.thriftjava.BindingValueType;

import com.twitter.expandodo.thriftjava.Card2;

import com.twitter.search.common.util.text.LanguageIdentifierHelper;

import com.twitter.search.ingester.model.IngesterTwitterMessage;

public final class CardFieldUtil {

private CardFieldUtil() {

/\* prevent instantiation \*/

}

/\*\*

\* Binding Keys for card fields

\*/

public static final String TITLE\_BINDING\_KEY = "title";

public static final String DESCRIPTION\_BINDING\_KEY = "description";

/\*\*

\* given a bindingKey and card, will return the bindingValue of the given bindingKey

\* if present in card.getBinding\_values(). If no match is found return null.

\*/

public static String extractBindingValue(String bindingKey, Card2 card) {

for (BindingValue bindingValue : card.getBinding\_values()) {

if ((bindingValue != null)

&& bindingValue.isSetType()

&& (bindingValue.getType() == BindingValueType.STRING)

&& bindingKey.equals(bindingValue.getKey())) {

return bindingValue.getString\_value();

}

}

return null;

}

/\*\*

\* derives card lang from title + description and sets it in TwitterMessage.

\*/

public static void deriveCardLang(IngesterTwitterMessage message) {

message.setCardLang(LanguageIdentifierHelper.identifyLanguage(String.format("%s %s",

Strings.nullToEmpty(message.getCardTitle()),

Strings.nullToEmpty(message.getCardDescription()))).getLanguage());

}

}