package com.twitter.search.common.util.ml.prediction\_engine;

import java.util.function.Supplier;

import javax.annotation.Nullable;

import com.twitter.ml.api.FeatureContext;

import com.twitter.search.common.features.thrift.ThriftSearchFeatureSchema;

/\*\*

\* An object to store feature context information to build models with.

\*/

public class CompositeFeatureContext {

// legacy static feature context

private final FeatureContext legacyContext;

// a supplier for the context (well the schema itself) of the schema-based features

private final Supplier<ThriftSearchFeatureSchema> schemaSupplier;

public CompositeFeatureContext(

FeatureContext legacyContext,

@Nullable Supplier<ThriftSearchFeatureSchema> schemaSupplier) {

this.legacyContext = legacyContext;

this.schemaSupplier = schemaSupplier;

}

FeatureContext getLegacyContext() {

return legacyContext;

}

ThriftSearchFeatureSchema getFeatureSchema() {

if (schemaSupplier == null) {

throw new UnsupportedOperationException("Feature schema was not initialized");

}

return schemaSupplier.get();

}

}