package com.twitter.search.earlybird.archive.segmentbuilder;

import java.io.File;

import com.google.inject.Provides;

import com.google.inject.Singleton;

import com.twitter.app.Flaggable;

import com.twitter.decider.Decider;

import com.twitter.inject.TwitterModule;

import com.twitter.inject.annotations.Flag;

import com.twitter.search.common.config.LoggerConfiguration;

import com.twitter.search.earlybird.common.config.EarlybirdConfig;

import com.twitter.search.earlybird.util.EarlybirdDecider;

public class SegmentBuilderModule extends TwitterModule {

private static final String CONFIG\_FILE\_FLAG\_NAME = "config\_file";

private static final String SEGMENT\_LOG\_DIR\_FLAG\_NAME = "segment\_log\_dir";

public SegmentBuilderModule() {

createFlag(CONFIG\_FILE\_FLAG\_NAME,

new File("earlybird-search.yml"),

"specify config file",

Flaggable.ofFile());

createFlag(SEGMENT\_LOG\_DIR\_FLAG\_NAME,

"",

"override log dir from config file",

Flaggable.ofString());

}

/\*\*

\* Initializes the Earlybird config and the log configuration, and returns an EarlybirdDecider

\* object, which will be injected into the SegmentBuilder instance.

\*

\* @param configFile The config file to use to initialize EarlybirdConfig

\* @param segmentLogDir If not empty, used to override the log directory from the config file

\* @return An initialized EarlybirdDecider

\*/

@Provides

@Singleton

public Decider provideDecider(@Flag(CONFIG\_FILE\_FLAG\_NAME) File configFile,

@Flag(SEGMENT\_LOG\_DIR\_FLAG\_NAME) String segmentLogDir) {

// By default Guice will build singletons eagerly:

// https://github.com/google/guice/wiki/Scopes#eager-singletons

// So in order to ensure that the EarlybirdConfig and LoggerConfiguration initializations occur

// before the EarlybirdDecider initialization, we place them here.

EarlybirdConfig.init(configFile.getName());

if (!segmentLogDir.isEmpty()) {

EarlybirdConfig.overrideLogDir(segmentLogDir);

}

new LoggerConfiguration(EarlybirdConfig.getLogPropertiesFile(), EarlybirdConfig.getLogDir())

.configure();

return EarlybirdDecider.initialize();

}

}