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

import java.util.concurrent.TimeUnit;

import com.twitter.common.base.MorePreconditions;

import com.twitter.search.common.metrics.SearchTimerStats;

import org.apache.commons.pipeline.stage.StageTimer;

/\*\*

\* Adds science stats export to StageTimer

\*/

public class IngesterStageTimer extends StageTimer {

private final String name;

private final SearchTimerStats timer;

public IngesterStageTimer(String statName) {

name = MorePreconditions.checkNotBlank(statName);

timer = SearchTimerStats.export(name, TimeUnit.NANOSECONDS, true);

}

public String getName() {

return name;

}

@Override

public void start() {

// This override is not necessary; it is added for code readability.

// super.start puts the current time in startTime

super.start();

}

@Override

public void stop() {

super.stop();

long runTime = System.nanoTime() - startTime.get();

timer.timerIncrement(runTime);

}

}