package com.twitter.search.core.earlybird.facets;

import java.io.IOException;

import java.util.Collection;

import java.util.List;

import com.twitter.common.collections.Pair;

/\*\*

\* Calls multiple FacetCountIterators. Currently this is used for calling the

\* default FacetCountingArray iterator and the CSF and retweet iterators

\*/

public class CompositeFacetCountIterator extends FacetCountIterator {

private final Collection<FacetCountIterator> iterators;

/\*\*

\* Creates a new composite iterator on the provided collection of iterators.

\*/

public CompositeFacetCountIterator(Collection<FacetCountIterator> iterators) {

this.iterators = iterators;

for (FacetCountIterator iterator : iterators) {

iterator.setIncrementData(this.incrementData);

}

}

@Override

public void collect(int docID) throws IOException {

for (FacetCountIterator iterator : iterators) {

iterator.collect(docID);

}

}

@Override

protected void addProof(int docID, long termID, int fieldID) {

for (FacetCountIterator iterator : iterators) {

iterator.addProof(docID, termID, fieldID);

}

}

@Override

public void setProofs(List<Pair<Integer, Long>> proof) {

for (FacetCountIterator iterator : iterators) {

iterator.setProofs(proof);

}

}

}