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

import java.io.IOException;

import com.twitter.search.core.earlybird.facets.FacetAccumulator;

import com.twitter.search.core.earlybird.facets.FacetLabelProvider;

import com.twitter.search.core.earlybird.index.EarlybirdIndexSegmentAtomicReader;

import com.twitter.search.earlybird.search.facets.FacetResultsCollector.Accumulator;

public abstract class FacetScorer {

protected abstract void startSegment(EarlybirdIndexSegmentAtomicReader reader) throws IOException;

/\*\*

\* Increments facet counts for the given document.

\*/

public abstract void incrementCounts(Accumulator accumulator, int internalDocID)

throws IOException;

/\*\*

\* Returns a FacetAccumulator for counting facets. It will use the given FacetLabelProvider

\* for facet result labeling.

\*/

public abstract FacetAccumulator<?> getFacetAccumulator(FacetLabelProvider labelProvider);

}