package com.twitter.search.common.query;

import java.io.IOException;

import org.apache.lucene.search.DocIdSetIterator;

public class SingleDocDocIdSetIterator extends DocIdSetIterator {

// the only docid in the list

private final int doc;

private int docid = -1;

public SingleDocDocIdSetIterator(int doc) {

this.doc = doc;

}

@Override

public int docID() {

return docid;

}

@Override

public int nextDoc() throws IOException {

if (docid == -1) {

docid = doc;

} else {

docid = NO\_MORE\_DOCS;

}

return docid;

}

@Override

public int advance(int target) throws IOException {

if (docid == NO\_MORE\_DOCS) {

return docid;

} else if (doc < target) {

docid = NO\_MORE\_DOCS;

return docid;

} else {

docid = doc;

}

return docid;

}

@Override

public long cost() {

return 1;

}

}