001/\*  
002 \* Licensed to the Apache Software Foundation (ASF) under one or more  
003 \* contributor license agreements. See the NOTICE file distributed with  
004 \* this work for additional information regarding copyright ownership.  
005 \* The ASF licenses this file to You under the Apache License, Version 2.0  
006 \* (the "License"); you may not use this file except in compliance with  
007 \* the License. You may obtain a copy of the License at  
008 \*  
009 \* http://www.apache.org/licenses/LICENSE-2.0  
010 \*  
011 \* Unless required by applicable law or agreed to in writing, software  
012 \* distributed under the License is distributed on an "AS IS" BASIS,  
013 \* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
014 \* See the License for the specific language governing permissions and  
015 \* limitations under the License.  
016 \*/  
017package org.apache.commons.collections4.iterators;  
018  
019import org.apache.commons.collections4.OrderedIterator;  
020import org.apache.commons.collections4.ResettableIterator;  
021  
022/\*\*  
023 \* Provides an implementation of an empty ordered iterator.  
024 \*  
025 \* @param <E> the type to iterate.  
026 \* @since 3.1  
027 \*/  
028public class EmptyOrderedIterator<E> extends AbstractEmptyIterator<E>  
029 implements OrderedIterator<E>, ResettableIterator<E> {  
030  
031 /\*\*  
032 \* Singleton instance of the iterator.  
033 \* @since 3.1  
034 \*/  
035 @SuppressWarnings("rawtypes")  
036 public static final OrderedIterator INSTANCE = new EmptyOrderedIterator<>();  
037  
038 /\*\*  
039 \* Typed instance of the iterator.  
040 \* @param <E> the element type  
041 \* @return OrderedIterator<E>  
042 \*/  
043 public static <E> OrderedIterator<E> emptyOrderedIterator() {  
044 return INSTANCE;  
045 }  
046  
047 /\*\*  
048 \* Constructor.  
049 \*/  
050 protected EmptyOrderedIterator() {  
051 super();  
052 }  
053  
054}