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016 \*/  
017package org.apache.commons.collections4.iterators;  
018  
019import org.apache.commons.collections4.MapIterator;  
020import org.apache.commons.collections4.ResettableIterator;  
021  
022/\*\*  
023 \* Provides an implementation of an empty map iterator.  
024 \*  
025 \* @param <K> the type of keys  
026 \* @param <V> the type of mapped values  
027 \* @since 3.1  
028 \*/  
029public class EmptyMapIterator<K, V> extends AbstractEmptyMapIterator<K, V> implements  
030 MapIterator<K, V>, ResettableIterator<K> {  
031  
032 /\*\*  
033 \* Singleton instance of the iterator.  
034 \* @since 3.1  
035 \*/  
036 @SuppressWarnings("rawtypes")  
037 public static final MapIterator INSTANCE = new EmptyMapIterator<>();  
038  
039 /\*\*  
040 \* Get a typed instance of the iterator.  
041 \* @param <K> the key type  
042 \* @param <V> the value type  
043 \* @return {@link MapIterator}<K, V>  
044 \*/  
045 public static <K, V> MapIterator<K, V> emptyMapIterator() {  
046 return INSTANCE;  
047 }  
048  
049 /\*\*  
050 \* Constructor.  
051 \*/  
052 protected EmptyMapIterator() {  
053 super();  
054 }  
055  
056}