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016 \*/  
017package org.apache.commons.collections4.functors;  
018  
019import java.io.Serializable;  
020  
021import org.apache.commons.collections4.Closure;  
022  
023/\*\*  
024 \* Closure implementation that does nothing.  
025 \*  
026 \* @since 3.0  
027 \*/  
028public final class NOPClosure<E> implements Closure<E>, Serializable {  
029  
030 /\*\* Serial version UID \*/  
031 private static final long serialVersionUID = 3518477308466486130L;  
032  
033 /\*\* Singleton predicate instance \*/  
034 @SuppressWarnings("rawtypes")  
035 public static final Closure INSTANCE = new NOPClosure<>();  
036  
037 /\*\*  
038 \* Factory returning the singleton instance.  
039 \*  
040 \* @param <E> the type that the closure acts on  
041 \* @return the singleton instance  
042 \* @since 3.1  
043 \*/  
044 public static <E> Closure<E> nopClosure() {  
045 return INSTANCE;  
046 }  
047  
048 /\*\*  
049 \* Constructor.  
050 \*/  
051 private NOPClosure() {  
052 super();  
053 }  
054  
055 /\*\*  
056 \* Do nothing.  
057 \*  
058 \* @param input the input object  
059 \*/  
060 @Override  
061 public void execute(final E input) {  
062 // do nothing  
063 }  
064  
065 private Object readResolve() {  
066 return INSTANCE;  
067 }  
068  
069}