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org.apache.commons.collections4.functors

## Class ForClosure<E>

* [java.lang.Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)
  + org.apache.commons.collections4.functors.ForClosure<E>
* All Implemented Interfaces: [Closure](http://docs.google.com/org/apache/commons/collections4/Closure.html)<E>  
    
  public class ForClosure<E>  
  extends [Object](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)  
  implements [Closure](http://docs.google.com/org/apache/commons/collections4/Closure.html)<E>  
  Closure implementation that calls another closure n times, like a for loop.  
  **WARNING:** from v4.1 onwards this class will **not** be serializable anymore in order to prevent potential remote code execution exploits. Please refer to [COLLECTIONS-580](https://issues.apache.org/jira/browse/COLLECTIONS-580) for more details.Since: 3.0

### Constructor SummaryConstructors

|  |
| --- |
| * + Constructor and Description |
| * + [ForClosure](http://docs.google.com/org/apache/commons/collections4/functors/ForClosure.html#ForClosure-int-org.apache.commons.collections4.Closure-)(int count, [Closure](http://docs.google.com/org/apache/commons/collections4/Closure.html)<? super [E](http://docs.google.com/org/apache/commons/collections4/functors/ForClosure.html)> closure) Constructor that performs no validation. |

### Method SummaryAll Methods Static Methods Instance Methods Concrete Methods

|  |  |
| --- | --- |
| * + Modifier and Type | * + Method and Description |
| * + void | * + [execute](http://docs.google.com/org/apache/commons/collections4/functors/ForClosure.html#execute-E-)([E](http://docs.google.com/org/apache/commons/collections4/functors/ForClosure.html) input) Executes the closure count times. |
| * + static <E> [Closure](http://docs.google.com/org/apache/commons/collections4/Closure.html)<E> | * + [forClosure](http://docs.google.com/org/apache/commons/collections4/functors/ForClosure.html#forClosure-int-org.apache.commons.collections4.Closure-)(int count, [Closure](http://docs.google.com/org/apache/commons/collections4/Closure.html)<? super E> closure) Factory method that performs validation. |
| * + [Closure](http://docs.google.com/org/apache/commons/collections4/Closure.html)<? super [E](http://docs.google.com/org/apache/commons/collections4/functors/ForClosure.html)> | * + [getClosure](http://docs.google.com/org/apache/commons/collections4/functors/ForClosure.html#getClosure--)() Gets the closure. |
| * + int | * + [getCount](http://docs.google.com/org/apache/commons/collections4/functors/ForClosure.html#getCount--)() Gets the count. |

### Methods inherited from class java.lang.[**Object**](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true)[clone](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#clone--), [equals](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#equals-java.lang.Object-), [finalize](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#finalize--), [getClass](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#getClass--), [hashCode](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#hashCode--), [notify](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#notify--), [notifyAll](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#notifyAll--), [toString](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#toString--), [wait](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#wait--), [wait](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#wait-long-), [wait](https://docs.oracle.com/javase/7/docs/api/java/lang/Object.html?is-external=true#wait-long-int-)

### Constructor Detail

#### ForClosure public ForClosure(int count, [Closure](http://docs.google.com/org/apache/commons/collections4/Closure.html)<? super [E](http://docs.google.com/org/apache/commons/collections4/functors/ForClosure.html)> closure) Constructor that performs no validation. Use forClosure if you want that.Parameters: count - the number of times to execute the closure closure - the closure to execute, not null

### Method Detail

#### forClosure public static <E> [Closure](http://docs.google.com/org/apache/commons/collections4/Closure.html)<E> forClosure(int count, [Closure](http://docs.google.com/org/apache/commons/collections4/Closure.html)<? super E> closure) Factory method that performs validation. A null closure or zero count returns the NOPClosure. A count of one returns the specified closure.Type Parameters: E - the type that the closure acts on Parameters: count - the number of times to execute the closure closure - the closure to execute, not null Returns: the for closure

#### execute public void execute([E](http://docs.google.com/org/apache/commons/collections4/functors/ForClosure.html) input) Executes the closure count times.Specified by: [execute](http://docs.google.com/org/apache/commons/collections4/Closure.html#execute-T-) in interface [Closure](http://docs.google.com/org/apache/commons/collections4/Closure.html)<[E](http://docs.google.com/org/apache/commons/collections4/functors/ForClosure.html)> Parameters: input - the input object

#### getClosure public [Closure](http://docs.google.com/org/apache/commons/collections4/Closure.html)<? super [E](http://docs.google.com/org/apache/commons/collections4/functors/ForClosure.html)> getClosure() Gets the closure.Returns: the closure Since: 3.1

#### getCount public int getCount() Gets the count.Returns: the count Since: 3.1

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