

**Module** java.base  
**Package** java.util.concurrent

## Interface Callable<V>

**Type Parameters:**  
V - the result type of method call

**All Known Subinterfaces:**  
`DocumentationTool.DocumentationTask`, `JavaCompiler.CompilationTask`

**All Known Implementing Classes:**  
`JavacTask`

**Functional Interface:**  
This is a functional interface and can therefore be used as the assignment target for a lambda expression or method reference.

```
@FunctionalInterface
public interface Callable<V>
```

A task that returns a result and may throw an exception. Implementors define a single method with no arguments called `call`.

The `Callable` interface is similar to `Runnable`, in that both are designed for classes whose instances are potentially executed by another thread. A `Runnable`, however, does not return a result and cannot throw a checked exception.

The `Executors` class contains utility methods to convert from other common forms to `Callable` classes.

**Since:**  
1.5

**See Also:**  
`Executor`

### Method Summary

All Methods	Instance Methods	Abstract Methods
Modifier and Type	Method	Description
V	call()	Computes a result, or throws an exception if unable to do so.

### Method Details

call

```
V call()
throws Exception
```

Computes a result, or throws an exception if unable to do so.

**Returns:**  
computed result

**Throws:**  
`Exception` - if unable to compute a result