**Java SE 19 & JDK 19** 

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

# Report a bug or suggest an enhancement

For further API reference and developer documentation see the Java SE Documentation, which contains more detailed, developer-targeted descriptions with conceptual overviews, definitions of terms, workarounds, and working code examples. Other versions.

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