Callable<V>接口

# Callable<V>接口

## package

public interface **Callable<V>**

Callable<V>接口存在于**java.util.concurrent**包(并发包)中，有一个子接口：JavaCompiler.CompilationTask。JDK中没有Callable<V>接口的实现类。

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

## 功能

**A task that returns a result** and may throw an exception. Implementors define a single method with no arguments called **call**.(无参的call方法)

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.

Callable接口与Runnable接口相似，因为它们都是为了线程执行任务而设计的。但是Runnable接口中的run()方法不能返回值，而Callable接口中的call()方法可以返回指定的结果。

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

## call()方法

**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