ExecutorService接口

# Executor接口

## Executor简单介绍

**Executor**存在于java.util.concurrent包中，具有两个子接口：**ExecutorService**, **ScheduledExecutorService。**

**Executor接口只规定了一个方法:execute(Runnable command)。**

**纠正：**之前Runnable的实现类喜欢命名为Target，不过命名为Task或Command比较好。

## 功能介绍

**An object that executes submitted Runnable tasks**. This interface provides a way of decoupling task submission from the mechanics of how each task will be run, including details of thread use, scheduling, etc. **An Executor is normally used instead of explicitly creating threads.**

**Executor的主要目的是取代单独一一地创建线程，自动开启线程执行Task参数。**

void **execute(Runnable command)**

Executes the given command at some time in the future. The command may execute in a new thread, in a pooled thread, or in the calling thread, at the discretion of the Executor implementation.

**Parameters**:command - the runnable task

**Throws**:

**RejectedExecutionException** - if this task cannot be accepted for execution

**NullPointerException** - if command is null