ThreadFactory接口

# ThreadFactory接口

## package

public interface **ThreadFactory**

ThreadFactory接口存在于java.util.concurrent包中。

## 功能

利用线程工厂创建新线程。只定义了一个方法：Thread newThread(Runnable r)。

**An object that creates new threads on demand**. Using **thread factories** removes hardwiring of calls to new Thread, enabling applications to use special thread subclasses, priorities, etc.

## newThread(Runnable r)

**Thread newThread(Runnable r)**

Constructs a new Thread. Implementations may also initialize priority, name, daemon status, ThreadGroup, etc.

Parameters:r - a runnable to be executed by new thread instance

Returns: **constructed thread**, or null if the request to create a thread is rejected

## 最简单的线程工厂实现方式

The simplest implementation of this interface is just:

class **SimpleThreadFactory** implements ThreadFactory {

public Thread newThread(Runnable r) {

**return new Thread(r);**

}

}

注意：The **Executors.defaultThreadFactory()** method provides a more useful simple implementation, that sets the created thread context to known values before returning it.

