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```
import
java.util.Vector. import java.net.*. import java.io.*. public class
ThreadPool { public static final int MAX_THREADS = 100. public
static final int MAX_SPARE_THREADS = 50. public static final int
MIN_SPARE_THREADS = 10. public static final int
WORK_WAIT_TIMEOUT = 60 * 1000. protected Vector pool. //
存放空闲线程 protected MonitorRunnable monitor. //A monitor
thread that monitors the pool for idel threads. protected int
maxThreads. //Max number of threads that you can open in the
pool. protected int minSpareThreads. //Min number of idel threads
that you can leave in the pool. protected int maxSpareThreads.
//Max number of idel threads that you can leave in the pool.
protected int currentThreadCount. //Number of threads in the pool.
protected int currentThreadsBusy. //Number of busy threads in the
pool. protected boolean stopThePool. //Flag that the pool should
terminate all the threads and stop. /** * Construct */ public
ThreadPool() { maxThreads = MAX_THREADS.
maxSpareThreads = MAX_SPARE_THREADS. minSpareThreads
= MIN_SPARE_THREADS. currentThreadCount = 0.
```

```
currentThreadsBusy = 0. stopThePool = false. } /** * 启动线程池 */  
public synchronized void start() { adjustLimits(). //调整最大和最  
小线程数及最大和最小多余线程数.
```

```
openThreads(minSpareThreads). //打开初始线程 monitor = new  
MonitorRunnable(this). //Runnable对象实例 //A monitor thread  
that monitors the pool for idel threads. } public void
```

```
setMaxThreads(int maxThreads) { this.maxThreads = maxThreads.
```

```
} public int getMaxThreads() { return maxThreads. } public void
```

```
setMinSpareThreads(int minSpareThreads) { this.minSpareThreads  
= minSpareThreads. } public int getMinSpareThreads() { return
```

```
minSpareThreads. } public void setMaxSpareThreads(int
```

```
maxSpareThreads) { this.maxSpareThreads = maxSpareThreads. }
```

```
public int getMaxSpareThreads() { return maxSpareThreads. } /** *
```

```
线程池管理方法. * 当空闲队列线程中没有空闲线程时,则增加  
处理(空闲)线程数量. * 如果线程数量已达到最大线程数,则新的
```

```
的连接进行等待. * 当请求到来,且有空闲线程时调用处理线程
```

```
进行具体业务处理. * @param r ThreadPoolRunnable */ 100Test
```

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