



链滴

JAVA 获取多线程执行结果

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JAVA获取多线程执行结果

```
package com.yhm.testSpringMvc.Thread;

import java.util.List;
import java.util.Random;
import java.util.concurrent.*;

public class ThreadCallableAndFutureDemo {
    public static void main(String[] args) {

        ExecutorService executorService = Executors.newFixedThreadPool(2);
        List<Future<String>> futureList = new CopyOnWriteArrayList<Future<String>>();
        for (int i = 0; i < 10; i++) {
            futureList.add(
                executorService.submit(new Callable<String>() {

                    @Override
                    public String call() throws Exception {

                        int time = new Random().nextInt(999);

                        Thread.sleep(time);

                        return Thread.currentThread().getName() + "_睡眠了" + time;
                    }
                }));
        }

        executorService.shutdown();
        for (int i = 0; i < futureList.size(); i++) {
            try {
                System.out.println(futureList.get(i).get());
            } catch (InterruptedException e) {
                e.printStackTrace();
            } catch (ExecutionException e) {
                e.printStackTrace();
            }
        }
    }
}
```

执行结果：

```
D:\JAVA\jdk8_64\bin\java -agentlib:jdwp=transport=dt_socket,address=127.0.0.1:55942,susp
nd=y,server=n -javaagent:C:\Users\Lenovo\.IntelliJ\idea2017.3\system\captureAgent\debugge
-agent.jar=C:\Users\Lenovo\AppData\Local\Temp\capture22011.props -Dfile.encoding=UTF-
-classpath "D:\JAVA\jdk8_64\jre\lib\charsets.jar;D:\JAVA\jdk8_64\jre\lib\deploy.jar;D:\JAVA\j
k8_64\jre\lib\ext\access-bridge-64.jar;D:\JAVA\jdk8_64\jre\lib\ext\clldrdata.jar;D:\JAVA\jdk8_6
\jre\lib\ext\dnsns.jar;D:\JAVA\jdk8_64\jre\lib\ext\jaccess.jar;D:\JAVA\jdk8_64\jre\lib\ext\jfxrt.ja
;D:\JAVA\jdk8_64\jre\lib\ext\localedata.jar;D:\JAVA\jdk8_64\jre\lib\ext\nashorn.jar;D:\JAVA\jd
```

8_64\jre\lib\ext\sunec.jar;D:\JAVA\jdk8_64\jre\lib\ext\sunjce_provider.jar;D:\JAVA\jdk8_64\jre\lib\ext\sunmascapi.jar;D:\JAVA\jdk8_64\jre\lib\ext\sunpkcs11.jar;D:\JAVA\jdk8_64\jre\lib\ext\zip.jar;D:\JAVA\jdk8_64\jre\lib\javaws.jar;D:\JAVA\jdk8_64\jre\lib\jce.jar;D:\JAVA\jdk8_64\jre\lib\fr.jar;D:\JAVA\jdk8_64\jre\lib\jfxswt.jar;D:\JAVA\jdk8_64\jre\lib\jsse.jar;D:\JAVA\jdk8_64\jre\lib\management-agent.jar;D:\JAVA\jdk8_64\jre\lib\plugin.jar;D:\JAVA\jdk8_64\jre\lib\resources.jar;D:\JAVA\jdk8_64\jre\lib\rt.jar;D:\ideaPros\codeGitee\ACM\target\classes;D:\repo\junit\junit\4.12\junit-4.12.jar;D:\repo\org\hamcrest\hamcrest-core\1.3\hamcrest-core-1.3.jar;D:\repo\javax\servlet\servlet-api\2.5\servlet-api-2.5.jar;D:\repo\org\springframework\spring-core\4.2.5.RELEASE\spring-core-4.2.5.RELEASE.jar;D:\repo\commons-logging\commons-logging\1.2\commons-logging-1.2.jar;D:\repo\org\springframework\spring-beans\4.2.5.RELEASE\spring-beans-4.2.5.RELEASE.jar;D:\repo\org\springframework\spring-context\4.2.5.RELEASE\spring-context-4.2.5.RELEASE.jar;D:\repo\org\springframework\spring-aop\4.2.5.RELEASE\spring-aop-4.2.5.RELEASE.jar;D:\repo\org\springframework\spring-expression\4.2.5.RELEASE\spring-expression-4.2.5.RELEASE.jar;D:\repo\org\springframework\spring-tx\4.2.5.RELEASE\spring-tx-4.2.5.RELEASE.jar;D:\repo\org\springframework\spring-web\4.2.5.RELEASE\spring-web-4.2.5.RELEASE.jar;D:\repo\org\springframework\spring-webmvc\4.2.5.RELEASE\spring-webmvc-4.2.5.RELEASE.jar;D:\repo\org\springframework\spring-test\4.2.5.RELEASE\spring-test-4.2.5.RELEASE.jar;D:\repo\org\slf4j\slf4j-log4j12\1.6.6\slf4j-log4j12-1.6.6.jar;D:\repo\org\slf4j\slf4j-api\1.6.6\slf4j-api-1.6.6.jar;D:\repo\log4j\log4j\1.2.17\log4j-1.2.17.jar;D:\repo\cglib\cglib-nodep\3.2.2\cglib-nodep-3.2.2.jar;D:\repo\org\aspectj\aspectjweaver\1.7.4\aspectjweaver-1.7.4.jar;D:\repo\com\alibaba\dubbo\2.5.3\dubbo-2.5.3.jar;D:\repo\org\springframework\spring\2.5.6.SEC03\spring-2.5.6.SEC03.jar;D:\repo\org\javassist\javassist\3.15.0-GA\javassist-3.15.0-GA.jar;D:\repo\org\jboss\netty\netty\3.2.5.Final\netty-3.2.5.Final.jar;D:\chengx\intelliJIDEA\IntelliJ IDEA 2017.3.5\lib\idea_rt.jar" com.yhm.testSpringMvc.Thread.ThreadCallabeAndFutureDemo

Connected to the target VM, address: '127.0.0.1:55942', transport: 'socket'

pool-1-thread-1_睡眠了873

pool-1-thread-2_睡眠了931

pool-1-thread-1_睡眠了41

pool-1-thread-1_睡眠了338

pool-1-thread-2_睡眠了593

pool-1-thread-1_睡眠了410

pool-1-thread-2_睡眠了362

pool-1-thread-1_睡眠了853

pool-1-thread-2_睡眠了112

Disconnected from the target VM, address: '127.0.0.1:55942', transport: 'socket'

pool-1-thread-2_睡眠了900

Process finished with exit code 0