

Spring

JDBC 数据库重连

在数据库重启后，程序无法重新连接到数据库。程序使用的是 Hikari，找到了如下属性：

```
1 # 使用 Hikari pool 时，是否允许连接池暂停，默认为: false
2 spring.datasource.allow-pool-suspension
```

可以将连接池到 c3p0，c3p0 连接池本身具有数据库重连机制。目前常见到连接池如下表所示：

序号	名称	协议	备注
1	c3p0	LGPL v.2.1	C3P0 是一个开源数据连接池，Hibernate3.0 默认自带的数据连接池，性能比较稳定。
2	Hikari	Apache 2.0	Fast, simple, reliable. HikariCP is a "zero-overhead" production ready JDBC connection pool. At roughly 130Kb, the library is very light.

停止数据库：

```
1 /opt/dmdbms/bin/dmserver /opt/dmdbms/data/DAMENG/dm.ini -
  noconsole
```

<http://www.cnblogs.com/xingzc/p/6073730.html>

0.0.1 jps

```
1 java -jar -Xmx2g credit-system-web-boot-1.0.0.jar --spring.config.
  location=application-jenkins.properties
```

Groovy

Gradle

0.0.2 执行流程

There is a one-to-one relationship between a Project and a "build.gradle" file. During build initialisation, Gradle assembles a Project object for each project which is to participate in the build, as follows:

Create a Settings instance for the build. Evaluate the "settings.gradle" script, if present, against the Settings object to configure it. Use the configured Settings object to create the hierarchy of Project instances. Finally, evaluate each Project by executing its "build.gradle" file, if present, against the project. The projects are evaluated in breadth-wise order, such that a project is evaluated before its child projects. This order can be overridden by calling `evaluationDependsOnChildren()` or by adding an explicit evaluation dependency using `evaluationDependsOn(String)`.

0.0.3 repositories

在 Gradle 构建脚本 build.gradle 里，经常会看到如下脚本：

```
1 repositories {  
2     maven {  
3         url 'http://www.eveoh.nl/files/maven2'  
4     }  
5     maven {  
6         url 'http://repox.gtan.com:8078'  
7     }  
8     mavenCentral()  
9     jcenter()  
10    maven { url 'http://repo.spring.io/plugins-release' }  
11 }
```

总的来说，只有两个标准的 Android library 文件服务器：Jcenter 和 Maven Central。起初，Android Studio 选择 Maven Central 作为默认仓库。如果你使

用老版本的 Android Studio 创建一个新项目, `mavenCentral()` 会自动的定义在 `build.gradle` 中。但是 Maven Central 的最大问题是对开发者不够友好。上传 library 异常困难。上传上去的开发者都是某种程度的极客。同时还因为诸如安全方面的其他原因, Android Studio 团队决定把默认的仓库替换成 `jcenter`。正如你看到的, 一旦使用最新版本的 Android Studio 创建一个项目, `jcenter()` 自动被定义, 而不是 `mavenCentral()`。`mavenCentral()` 表示依赖是从 Central Maven 2 仓库中获取的, 库的地址是<https://repo1.maven.org/maven2>。`jcenter` 表示依赖是从 Bintary¹ s JCenter Maven 仓库中获取的, 仓库的地址是<https://jcenter.bintray.com>, bintray 是一家提供全球企业软件开发包托管的商业公司。

0.0.4 属性 (Properties)

Extra Properties

`extra` 属性一般用于定义常量, All extra properties¹ must be defined through the "ext" namespace. Once an extra property has been defined, it is available directly on the owning object (in the below case the Project, Task, and sub-projects respectively) and can be read and updated. Only the initial declaration that needs to be done via the namespace.

```
1 buildscript {
2     ext {
3         springBootVersion = '1.4.5.RELEASE'
4         jacksonVersion = '2.8.7'
5         springfoxVersion = '2.6.1'
6         poiVersion = "3.14"
7         aspectjVersion = '1.7.4'
8     }
9 }
```

Reading extra properties is done through the "ext" or through the owning object. `ext.isSnapshot = version.endsWith("-SNAPSHOT") if (isSnapshot) //`

¹<https://docs.gradle.org/current/javadoc/org/gradle/api/Project.html#extraproperties>

do snapshot stuff

Part I

Tool

0.1 Curl

```
1 curl 'http://59.214.215.6:3800/inapi/united/detail?param=%E8%B0%8A
    %E5%BE%B7%E5%AE%9E%E4%B8%9A&reds=&blacks=
    TS_F_HEIMINGDAN_C500033,TS_F_HEIMINGDAN' -H '
    Pragma: no-cache' -H 'HL-APP-KEY:
    CreditChongqingSharePortal' -H 'DNT: 1' -H 'Accept-
    Encoding: gzip, deflate, sdch' -H 'Accept-Language: zh-CN,zh;q
    =0.8,en;q=0.6,zh-TW;q=0.4' -H 'User-Agent: Mozilla/5.0 (X11
    ; Fedora; Linux x86_64) AppleWebKit/537.36 (KHTML, like
    Gecko) Chrome/55.0.2883.87 Safari/537.36' -H 'Accept:
    application/json, text/plain, */*' -H 'Cache-Control: no-cache'
    -H 'HL-CURRENT-URL: http://59.214.215.6:3800/main/
    search/unitedListQuery' -H 'Referer: http://59.214.215.6:3800/
    main/search/unitedListQuery' -H 'Cookie: UM_distinctid=15
    b667c97f65a-0afddd1bed9cb8-1421150f-15f900-15b667c97f737f;
    CNZZDATA1257579122=576897936-1492070602-http%253A
    %252F%252F59.214.215.6%253A8081%252F%7C1492393083; cc-o
    -t=
    ZnNoeEpnMXZUcklpRXAyTm9ReXhwWTdNSFFUMnptZ2NOdmFDWlhPajhlakRvYVvk1eEtRem53enJMNvpzdU5HF
    ' -H 'Connection: keep-alive' --compressed
```

0.2 Git

0.2.1 merge

配置 Meld 为默认合并工具:

```
1 git config --global merge.tool meld
```

0.3 LaTeX

0.3.1 字体

Computer Modern 是自由软件 TeX 的默认字体，为美国计算机科学家高德纳 (Donald Knuth) 使用 METAFONT 软件创造。但是此字体不是很漂亮，所以考虑换一个字体。