【Jekyll学习笔记】在Windows中配置Jekyll

搜索

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注意：本文适合有一定前端和计算机基础的同学，并且机子已经安装好Git支持

感谢Pizn、粉丝日志的分享

最近在准备Github上建立自己的技术博客，权当一个技术学习笔记博客，这里的博客就主要记录一些生活上的文章就行，Github博客是通过Jekyll一d? i?k ?l/程序的再处理去生成页面，整个思路就是你先在本地编写符合Jekyll规范的网站源码，然后上传到github，由github生成并托管整个网站，因为网上的介绍配置Jekyll环境的文章比较多而杂，而且不一定贴合实际，为了方

便，笔者在这里分享一下自己本地搭建Jekyll的方法：

准备工作

笔者机子环境：windows7 64位

1. 进入http://pan.baidu.com/s/1jG0tvXc下载Ruby和DevKit并安装，因
    为运行Jekyll需要他们的支持，DevKit请大家选择自己的版本，分64位
    和32位两个版本
    【网上很多教程说的 http://rubyinstaller.org/downloads/ 这个地址
    已经被和谐，你可以越狱去下载最新版，或者直接用我的这个就行】 >
    请注意：两者的安装目录，不得出现空格，比如Program Files这种目
    录是不能有的，建议是装在盘的根目录，笔者就是因为没注意到这个折
    腾了好久TAT

2. 装完后，打开系统的命令行，开始那里打"cmd"回车后，进入到
    Ruby的安装目录，比如笔者是装在"D:\Ruby200-x64"，那么就用命
    令行进入目录中

输入"ruby –version"，如果如下图所示，则Ruby安装成功，版本号和相关日期不一定一样，视你安装的ruby版本所定

然后输入命令"gem update –system" 如果如下图所示，就证明成功，简单来说，就是运行Jekyll需要gem，gem需要ruby

```
1  Updating rubygems-update
2  Fetching: rubygems-update-2.1.10.gem (100%)
3  Successfully installed rubygems-update-2.1.10
4  Parsing documentation for rubygems-update-2.1.10
5  Installing ri documentation for rubygems-update-2.1.10
6  Installing darkfish documentation for rubygems-update-2.1.10
7  Installing RubyGems 2.1.10
8  RubyGems 2.1.10 installed
9  Parsing documentation for rubygems-2.1.10
```

```
10  Installing ri documentation for rubygems-2.1.10
```

开始安装

一切准备就绪后，就开始安装Jekyll，输入命令"gem install jekyll"如无意外，将会出现各种问题，那么我们感谢粉丝日志的分享，来解释各种情况

状况一

```
1  ERROR:  Could not find a valid gem 'jekyll' (&gt;= 0), here is why:
2  Unable to download data from https://rubygems.org/ - SSL_connect retur
3  ERROR:  Possible alternatives: jekyll
```

解决方法 下载认证文件

```
1  D:\Ruby200-x64&gt;curl http://curl.haxx.se/ca/cacert.pem -o cacert.pem
2   % Total    % Received % Xferd  Average Speed   Time    Time     Time
3                                  Dload  Upload   Total   Spent    Left
4  100  223k  100  223k    0     0  82478      0  0:00:02  0:00:02 --:--:
```

然后把生成在Ruby目录下的cacert.pem移动到里面的bin目录下
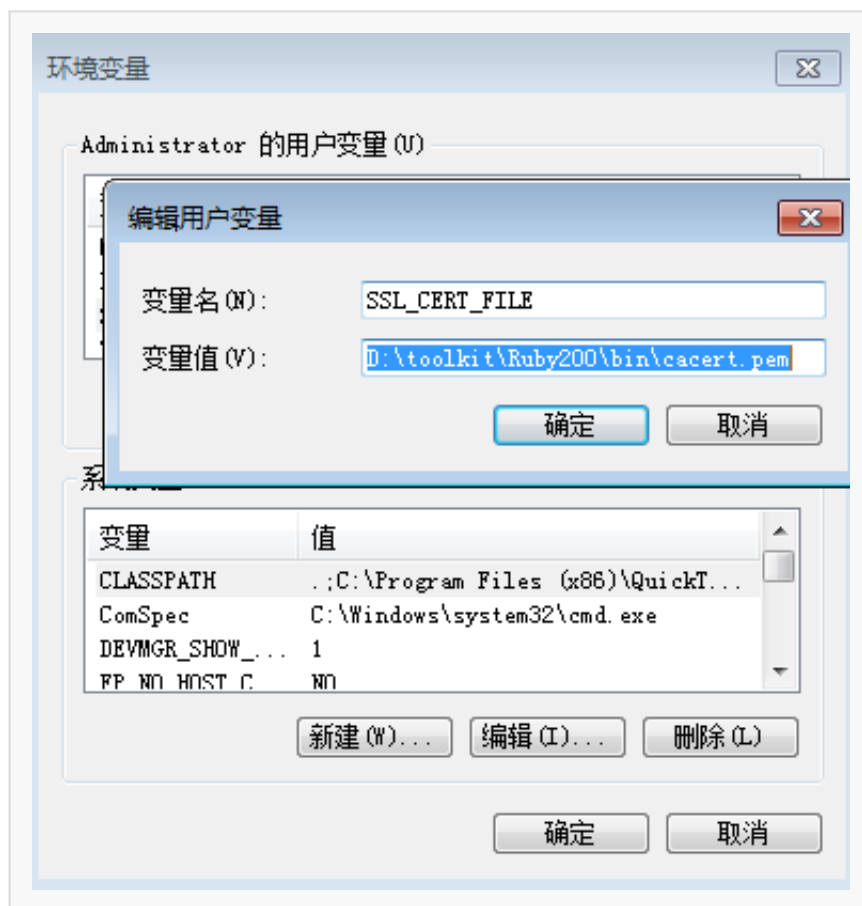
状况二

```
1  ERROR:  Error installing jekyll:
2        The 'fast-stemmer' native gem requires installed build tools.
3  Please update your PATH to include build tools or download the DevKit
4  from 'http://rubyinstaller.org/downloads' and follow the instructions
5  at 'http://github.com/oneclick/rubyinstaller/wiki/Development-Kit'
```

解决方法：

回到刚才的第一步，安装好Devkit后，运行msys.bat后，然后如下图输入来安装jakyll
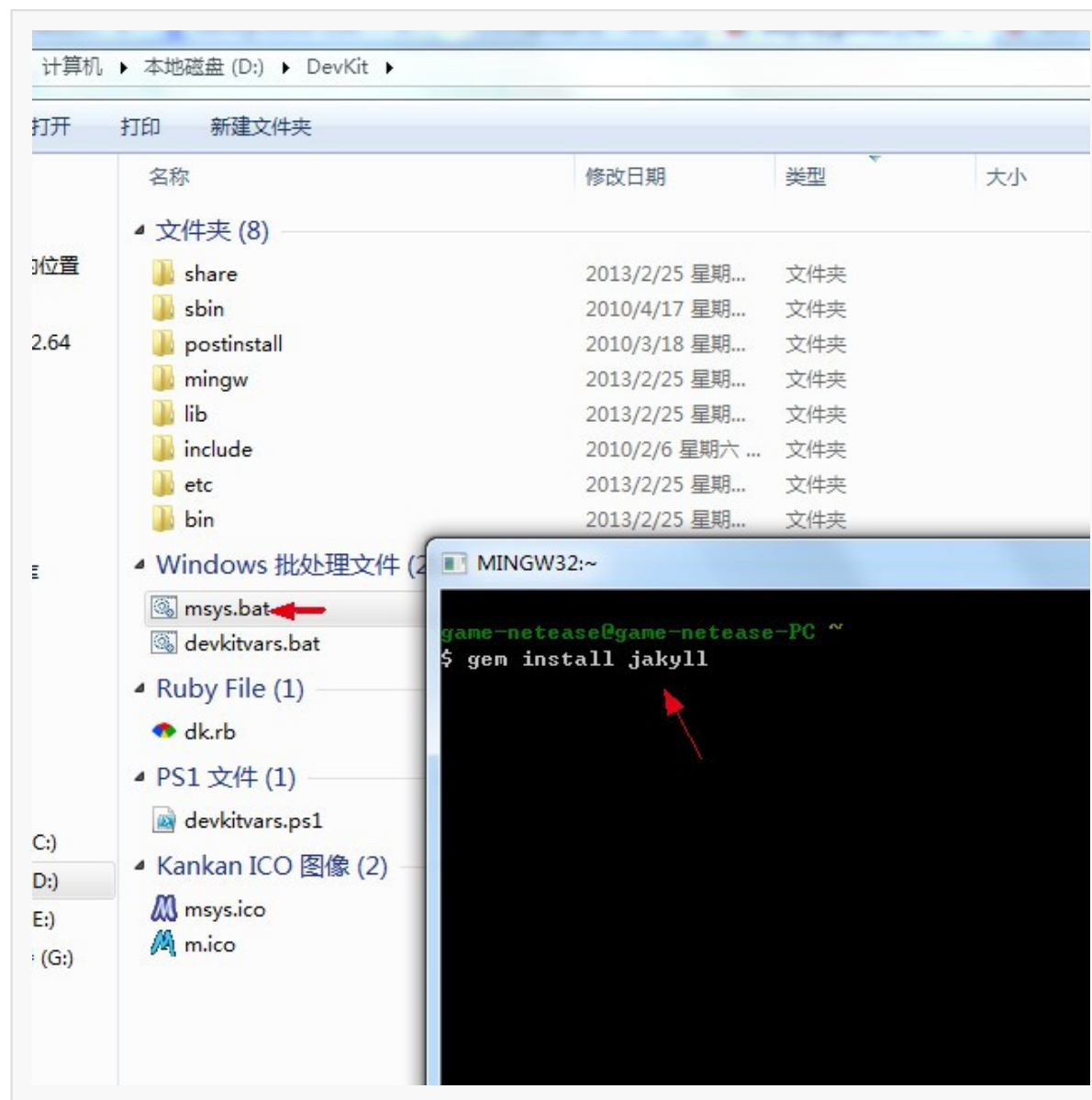
如果回车后出现类似下面的信息，那么Jakyll就安装成功了（到了这一步应

该基本都会成功的，不成功的可以在楼下留言和我交流哦！）

```
1  $ gem install jekyll
2  Building native extensions.  This could take a while...
3  Successfully installed fast-stemmer-1.0.2
4  Fetching: classifier-1.3.3.gem (100%)
5  Successfully installed classifier-1.3.3
6  Fetching: rb-fsevent-0.9.3.gem (100%)
7  Successfully installed rb-fsevent-0.9.3
8  Fetching: ffi-1.9.3-x64-mingw32.gem (100%)
9  Successfully installed ffi-1.9.3-x64-mingw32
10 Fetching: rb-inotify-0.9.2.gem (100%)
11 Successfully installed rb-inotify-0.9.2
12 Fetching: rb-kqueue-0.2.0.gem (100%)
13 Successfully installed rb-kqueue-0.2.0
14 Fetching: listen-1.3.1.gem (100%)
15 Successfully installed listen-1.3.1
16 Fetching: syntax-1.0.0.gem (100%)
17 Successfully installed syntax-1.0.0
18 Fetching: maruku-0.6.1.gem (100%)
19 Successfully installed maruku-0.6.1
20 Fetching: yajl-ruby-1.1.0.gem (100%)
21 Building native extensions.  This could take a while...
22 Successfully installed yajl-ruby-1.1.0
23 Fetching: posix-spawn-0.3.6.gem (100%)
24 Building native extensions.  This could take a while...
25 Successfully installed posix-spawn-0.3.6
26 Fetching: pygments.rb-0.5.4.gem (100%)
27 Successfully installed pygments.rb-0.5.4
28 Fetching: highline-1.6.20.gem (100%)
29 Successfully installed highline-1.6.20
30 Fetching: commander-4.1.5.gem (100%)
31 Successfully installed commander-4.1.5
32 Fetching: safe_yaml-0.9.7.gem (100%)
33 Successfully installed safe_yaml-0.9.7
34 Fetching: colorator-0.1.gem (100%)
35 Successfully installed colorator-0.1
36 Fetching: redcarpet-2.3.0.gem (100%)
37 Building native extensions.  This could take a while...
38 Successfully installed redcarpet-2.3.0
39 Fetching: jekyll-1.3.0.gem (100%)
40 Successfully installed jekyll-1.3.0
```

```
41  Parsing documentation for classifier-1.3.3
42  Installing ri documentation for classifier-1.3.3
43  Parsing documentation for colorator-0.1
44  Installing ri documentation for colorator-0.1
45  Parsing documentation for commander-4.1.5
46  Installing ri documentation for commander-4.1.5
47  Parsing documentation for fast-stemmer-1.0.2
48  unable to convert "\x90" from ASCII-8BIT to UTF-8 for lib/stemmer.so, s
49  Installing ri documentation for fast-stemmer-1.0.2
50  Parsing documentation for ffi-1.9.3-x64-mingw32
51  Installing ri documentation for ffi-1.9.3-x64-mingw32
52  Parsing documentation for highline-1.6.20
53  Installing ri documentation for highline-1.6.20
54  Parsing documentation for jekyll-1.3.0
55  Installing ri documentation for jekyll-1.3.0
56  Parsing documentation for listen-1.3.1
57  Installing ri documentation for listen-1.3.1
58  Parsing documentation for maruku-0.6.1
59  Couldn't find file to include 'MaRuKu.txt' from lib/maruku.rb
60  Installing ri documentation for maruku-0.6.1
61  Parsing documentation for posix-spawn-0.3.6
62  Installing ri documentation for posix-spawn-0.3.6
63  Parsing documentation for pygments.rb-0.5.4
64  Installing ri documentation for pygments.rb-0.5.4
65  Parsing documentation for rb-fsevent-0.9.3
66  Installing ri documentation for rb-fsevent-0.9.3
67  Parsing documentation for rb-inotify-0.9.2
68  Installing ri documentation for rb-inotify-0.9.2
69  Parsing documentation for rb-kqueue-0.2.0
70  Installing ri documentation for rb-kqueue-0.2.0
71  Parsing documentation for redcarpet-2.3.0
72  unable to convert "\x90" from ASCII-8BIT to UTF-8 for lib/redcarpet.so,
73
74  Installing ri documentation for redcarpet-2.3.0
75  Parsing documentation for safe_yaml-0.9.7
76  Installing ri documentation for safe_yaml-0.9.7
77  Parsing documentation for syntax-1.0.0
78  Installing ri documentation for syntax-1.0.0
79  Parsing documentation for yajl-ruby-1.1.0
80  unable to convert "\x90" from ASCII-8BIT to UTF-8 for lib/yajl/yajl.so,
81  Installing ri documentation for yajl-ruby-1.1.0
82  18 gems installed
```

安装Jekyll模板

Jekyll安装完成后，整个本地Jekyll环境就配好了，那么我们就来测试一下，我们git一下bootstrap的Jekyll网页模板下来，

```
1  $ git clone https://github.com/plusjade/jekyll-bootstrap.git jekyll
2  Cloning into 'jekyll'...
3  remote: Counting objects: 1898, done.
4  remote: Compressing objects: 100% (1061/1061), done.
5  remote: Total 1898 (delta 850), reused 1729 (delta 723)
6  Receiving objects: 100% (1898/1898), 575.45 KiB | 184 KiB/s, done.
7  Resolving deltas: 100% (850/850), done.
```

如果你不想git下来的目录在C:/users/下，那么你可以如下图所示进入任意目录，来同步github上的项目，注意目录下如果已经有同名文件夹，就不能被同步过来

```
game-netease@game-netease-PC ~
$ cd e:/project

game-netease@game-netease-PC /e/project
$
```
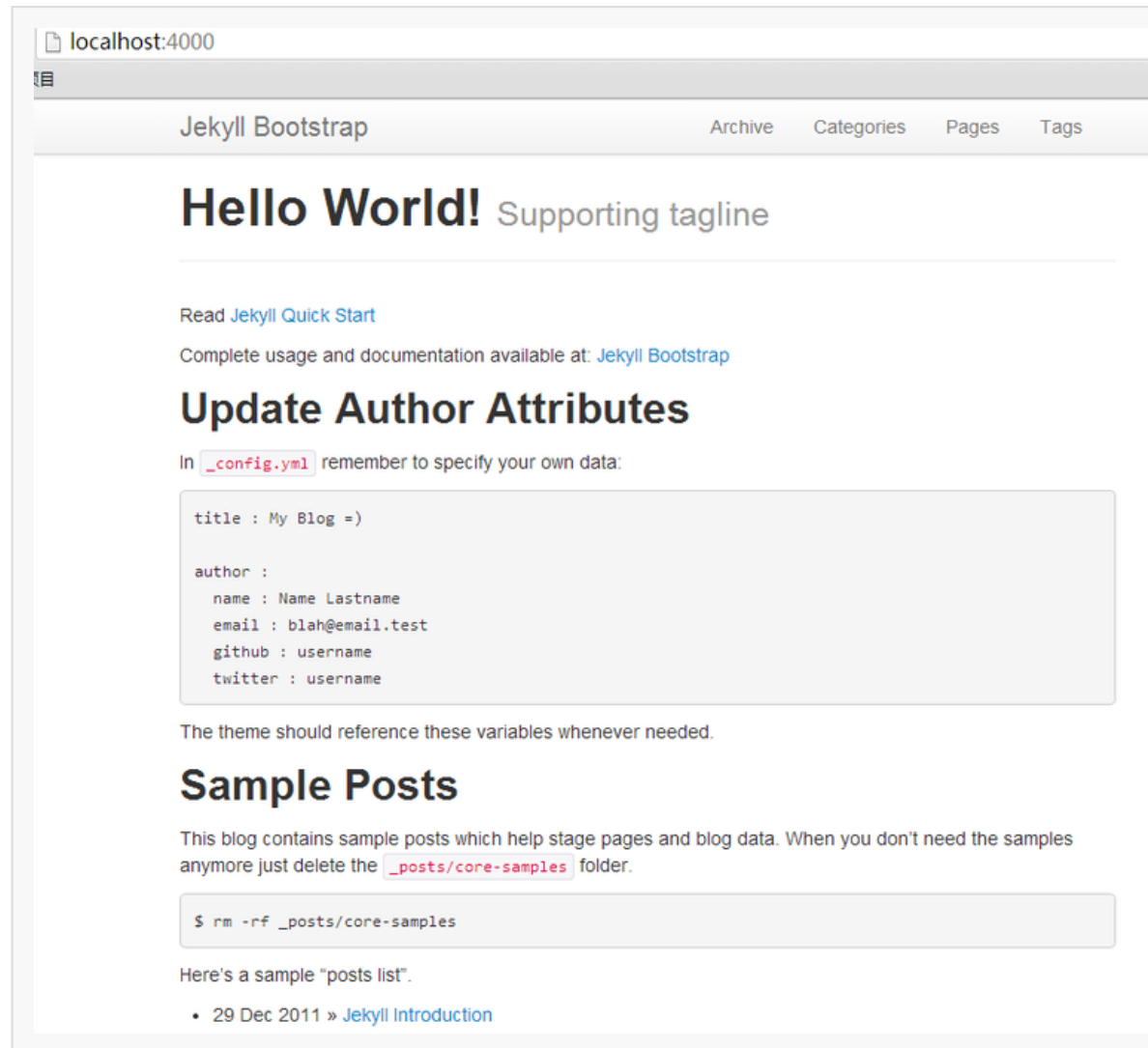
同步后，我们就启动Jekyll服务，在Devkit那里输入命令行"jekyll serve"，如下：

```
1  $ jekyll serve
2  Configuration file: d:/workspace/ruby/jekyll/_config.yml
3            Source: d:/workspace/ruby/jekyll
```

```
4         Destination: d:/workspace/ruby/jekyll/_site
5          Generating... done.
6       Server address: http://0.0.0.0:4000
7     Server running... press ctrl-c to stop.
```

浏览器中输入http://localhost:4000/ 就可以直接运行你的Jekyll博客了

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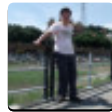
宝剑锋

生成在Ruby目录下的cacert.pem移动到里面的bin目录下之后还需要做什么吗？
我在环境变量里建立了SSL_CERT_FILE，路径是C:\Ruby200-
x64\bin\cacert.pem，但是$ gem install jakyll仍然报错：
ERROR: Could not find a valid gem 'jakyll' (>= 0), here is why:
Unable to download data from https://rubygems.org/ -
Errno::ETIMEDOUT:
A connection attempt failed because the connected party did not
properly respon
d after a period of time, or established connection failed because
connected hos
t has failed to respond. - connect(2)
(https://rubygems.org/latest_specs.4.8.gz)
请问有什么办法解决吗？

2014年6月10日　←回复　♥顶　→转发

Mr_F陽

> **宝剑锋**　2014年6月10日　　　　　　　　　　　　1楼
>
> 生成在Ruby目录下的cacert.pem移动到里面的bin目录下之后还需要做
> 什么吗？我在环境变量里建立了SSL_CERT_FILE，路径是C:\Ruby200-
> x64\bin\cacert.pem，但是$ gem install jakyll仍然报错：
> ERROR: Could not find a valid gem 'jakyll' (>= 0), here is why:

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> Errno::ETIMEDOUT:
> A connection attempt failed because the connected party did not properly respon
> d after a period of time, or established connection failed because connected hos
> t has failed to respond. - connect(2)
> (https://rubygems.org/latest_specs.4.8.gz)
> 请问有什么办法解决吗？

看错误提示是链接不上服务器吧

2014年6月11日　← 回复　♥顶　→ 转发

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yao
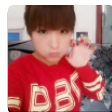你好 curl http://curl.haxx.se/ca/cacert.pem -o cacert.pem 获取不到证书怎么破....T.T

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张飞
curl http://curl.haxx.se/ca/cacert.pem -o cacert.pem 出现错误：curl: (56) Recv failure: Connection was aborted
这个怎么办呢？

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