ActiveMQ 实践作业

通过本实践了解 ActiveMQ 的安装使用等简单操作。

接受实践作业

点此接受实践作业

接受作业,获得实践项目源码。

环境准备

1. Linux 系统主机 x1

可访问 免费使用活动 领取试用云主机资源(相关规则参见活动页面描述)

- 2. 安装 Ubuntu 系统
- 3. 安装 maven 和 jdk
- 4. 安装 docker , 示例:

monica@ubuntu:/\$ sudo apt install docker.io=1.13.1-0ubuntu1~16.04.2

5. 安装 rabbitmg 镜像,示例:

monica@ubuntu:/\$ sudo docker pull activemq

6. 创建容器

monica@ubuntu:/\$ sudo docker run -itd -name rabbitmq -p61616:61616 -p8161:8161

- 7. 成功接受作业并进入 DevCloud 实践项目中后,点击代码 > 代码托管,点击右上角复制按
- 钮,复制代码 git 地址,在 Linux 主机上使用 Git 命令行 clone 源码:

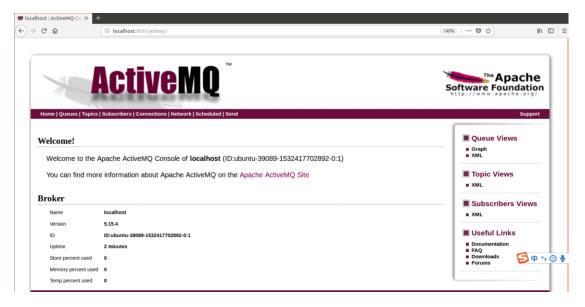
git clone https://codehub.devcloud.huaweicloud.com/*** /activemq-demo.git

8. 在代码仓库的根路径下编译运行:

```
aubuntu:~/git-devcloud/springboot-activemq$ mvn clean package
Scanning for projects...
INFO]
INFO
INFO
           Building springboot-activemq 0.0.1-SNAPSHOT
INFO]
INFO]
INFO]
INFO]
INFO]
INFO]
          --- maven-clean-plugin:3.0.0:clean (default-clean) @ springboot-activemq Deleting /home/monica/git-devcloud/springboot-activemq/target
          --- maven-resources-plugin:3.0.1:resources (default-resources) @ springboot-activemq ---
Using 'UTF-8' encoding to copy filtered resources.
Copying 1 resource
Copying 0 resource
INFO]
INFO]
INFO]
INFO]
          --- maven-compiler-plugin:3.7.0:compile (default-compile) @ springboot-activemq --- Changes detected - recompiling the module!
Compiling 6 source files to /home/monica/git-devcloud/springboot-activemq/target/classes
INFO]
INFO]
INFO]
INFO]
INFO]
INFO]
INFO]
INFO]
INFO]
          --- maven-resources-plugin:3.0.1:testResources (default-testResources) @ springboot-activemq --- Using 'UTF-8' encoding to copy filtered resources. skip non existing resourceDirectory /home/monica/git-devcloud/springboot-activemq/src/test/resources
          --- maven-compiler-plugin:3.7.0:testCompile (default-testCompile) @ springboot-activemq --- No sources to compile
INFO]
INFO]
INFO]
INFO]
          --- maven-surefire-plugin:2.21.0:test (default-test) @ springboot-activemq --- No tests to run.
          --- maven-jar-plugin:3.0.2:jar (default-jar) @ springboot-activemq ---
Building jar: /home/monica/git-devcloud/springboot-activemq/target/springboot-activemq-0.0.1-SNAPSHOT.jar
[INFO]
[INFO]
[INFO]
[INFO]
[INFO]
[INFO]
[INFO]
           --- spring-boot-maven-plugin:2.0.3.RELEASE:repackage (default) @ springboot-activemg ---
          BUILD SUCCESS
          Total time: 15.365 s
Finished at: 2018-08-21T01:12:34-07:00
Final Memory: 34M/296M
INFO]
```

结果验证

1. 登录 activemg(访问 云主机的弹性 IP:PORT)



2. 在 8080 端口发送消息, value 后可以赋予不同的值

弹性 IP:8080/jms/queue?value=123

3. Log 查看消息接收

```
| Solid State |
```

4. Activemg 页面查看消息数增长

