

centos7.6安装hue-4.2.0(mysql元数据库)

1.安装相关依赖

```
[root@master ~]# yum install ant asciidoc cyrus-sasl-devel cyrus-sasl-gssapi  
cyrus-sasl-plain gcc gcc-c++ krb5-devel libffi-devel libxml2-devel libxslt-devel  
make mysql mysql-devel openldap-devel python-devel sqlite-devel gmp-devel  
openssl-devel
```

2.安装maven

maven下载地址: <http://mirrors.tuna.tsinghua.edu.cn/apache/maven/maven-3/3.6.2/binaries/apache-maven-3.6.2-bin.tar.gz>

选择安装目录为/opt/bigdata, 下载解压maven

```
[root@master ~]# wget http://mirrors.tuna.tsinghua.edu.cn/apache/maven/maven-  
3/3.6.2/binaries/apache-maven-3.6.2-bin.tar.gz  
[root@master ~]# tar -zxf apache-maven-3.6.2-bin.tar.gz -C /opt/bigdata  
[root@master ~]# cd /opt/bigdata  
[root@master bigdata]# mv apache-maven-3.6.2-bin maven
```

更改配置文件

```
[root@master ~]# cd /opt/bigdata/maven/conf  
[root@master conf]# vim settings.xml  
<mirrors>  
  <mirror>  
    <id>alimaven</id>  
    <mirrorOf>central</mirrorOf>  
    <name>aliyun maven</name>  
    <url>http://maven.aliyun.com/nexus/content/groups/public/</url>  
  </mirror>  
  
  <mirror>  
    <id>ui</id>  
    <mirrorOf>central</mirrorOf>  
    <name>Human Readable Name for this Mirror.</name>  
    <url>http://uk.maven.org/maven2/</url>  
  </mirror>  
  
  <mirror>  
    <id>jboss-public-repository-group</id>  
    <mirrorOf>central</mirrorOf>  
    <name>JBoss Public Repository Group</name>  
    <url>http://repository.jboss.org/nexus/content/groups/public</url>  
  </mirror>  
</mirrors>
```

配置maven环境变量

```
[root@master ~]# vim /etc/profile
export MAVEN_HOME=/opt/bigdata/maven
export PATH=$PATH:$MAVEN_HOME/bin
[root@master ~]# source /etc/profile      #重新加载profile
```

3.安装hue

hue下载地址: <http://gethue.com/downloads/releases/4.2.0/hue-4.2.0.tgz>

下载解压hue到/opt/bigdata目录下

```
[root@master ~]# wget http://gethue.com/downloads/releases/4.2.0/hue-4.2.0.tgz
[root@master ~]# tar -zxf hue-4.2.0.tgz -C /opt/bigdata
```

编译hue

```
[root@master ~]# cd /opt/bigdata/hue-4.2.0
[root@master hue-4.2.0]# make apps
```

编译失败则重试

```
[root@master hue-4.2.0]# make clean
[root@master hue-4.2.0]# make apps
```

配置hue

```
[root@master hue-4.2.0]# vim desktop/conf/hue.ine
```

HUE

```
secret_key=
http_host=master
http_port=8888
time_zone=Asia/Shanghai
server_user=hue
server_group=hue
default_user=root
default_hdfs_superuser=root
```

database

```
engine=mysql
host=192.168.101.250  #数据库所在的ip
port=3306
user=root
password=123456
name=hue      #元数据库名字
```

hadoop/hdfs

```
fs_defaultfs=hdfs://master:9000
webhdfs_url=http://master:50070/webhdfs/v1
hadoop_conf_dir=/opt/bigdata/hadoop-2.8.5/etc/hadoop #hadoop的安装路径
hadoop_hdfs_home=/opt/bigdata/hadoop-2.8.5
hadoop_bin=/opt/bigdata/hadoop-2.8.5/bin
```

YARN

```
resourcemanager_host=master
resourcemanager_port=8032
hadoop_conf_dir=/opt/bigdata/hadoop-2.8.5/etc/hadoop #hadoop的安装路径
hadoop_hdfs_home=/opt/bigdata/hadoop-2.8.5
hadoop_bin=/opt/bigdata/hadoop-2.8.5/bin
resourcemanager_api_url=http://master:8088
proxy_api_url=http://master:8088
history_server_api_url=http://master:19888
```

Hive

```
hive_server_host=master #hive所在的主机ip
hive_server_port=10000
hive_conf_dir=/opt/bigdata/hive-2.3.4/conf
```

mysql

```
nice_name="My SQL DB"
name=hue #元数据库名字
engine=mysql
host=192.168.101.250 #数据库所在ip
port=3306
user=root
password=123456
```

4.修改hadoop配置文件

修改hdfs-site.xml文件

```
[root@master hadoop]# vim hdfs-site.xml
<property>
  <name>dfs.webhdfs.enabled</name>
  <value>true</value>
</property>
```

修改core-site.xml文件

```
[root@master hadoop]# vim core-site.xml
<!-- enable webHDFS in the NameNode and DataNodes -->
<property>
  <name>dfs.webhdfs.enabled</name>
  <value>true</value>
</property>
<property>
  <name>hadoop.proxyuser.root.hosts</name>
```

```
<value>*</value>
</property>
<property>
  <name>hadoop.proxyuser.root.groups</name>
  <value>*</value>
</property>
<property>
  <name>hadoop.proxyuser.httpfs.hosts</name>
  <value>*</value>
</property>
<property>
  <name>hadoop.proxyuser.httpfs.groups</name>
  <value>*</value>
</property>
```

5.启动hue

初始化数据库

```
[root@master ~]# cd /opt/bigdata/hue-4.2.0/build/env/bin/
[root@master bin]# ./hue syncdb
[root@master bin]# ./hue migrate
```

启动hue

```
[root@master bin]# ./supervisor
```