

Flink视频教程

本系列课程由 Apache Flink Community China 官方出品。旨在为具备一定大数据基础、对Apache Flink感兴趣的同学提供系统性的入门教程

<https://github.com/flink-china/flink-training-course/blob/master/%E8%AF%BE%E7%A8%8B%E8%A1%A8%EF%BC%88%E6%8C%81%E7%BB%AD%E6%9B%B4%E6%96%B0%EF%BC%89.md>

Flink集群部署详细步骤

<https://www.jianshu.com/p/c47e8f438291>

参数配置

<https://ci.apache.org/projects/flink/flink-docs-release-1.8/ops/config.html>

<https://zhuanlan.zhihu.com/p/48537512>

flink on yarn

https://ci.apache.org/projects/flink/flink-docs-release-1.8/ops/deployment/yarn_setup.html

部署安装

导入环境变量就可以了

```
export HADOOP_CONF_DIR=/etc/hadoop/conf
```

遇到的坑

```
export HADOOP_CONF_DIR=/etc/hadoop/conf.cloudera.yarn
```

结果 我的环境是 /etc/hadoop/conf.cloudera.yarn2

```
[root@cdh85-55 ~]# cd /etc/hadoop/
[root@cdh85-55 hadoop]# ll
total 0
lrwxrwxrwx 1 root root 29 Aug 15 17:18 conf -> /etc/alternatives/hadoop-conf
drwxr-xr-x 2 root root 214 Oct 3 2018 conf.cloudera.hdfs
drwxr-xr-x 2 root root 214 Aug 9 14:47 conf.cloudera.hdfs2
drwxr-xr-x 2 root root 258 Aug 15 17:18 conf.cloudera.yarn2
[root@cdh85-55 hadoop]#
[root@cdh85-55 hadoop]#
```

启动Flink会话

```
su - bf_hpt
```

```
cd /opt/flink-1.7.2
```

```
./bin/yarn-session.sh -tm 2048 -s 2 -qu root.bf_yarn_pool.development -d
```

向Flink提交工作

```
hadoop fs -copyFromLocal LICENSE hdfs:///tmp/
```

```
./bin/flink run ./examples/batch/WordCount.jar --input hdfs:///tmp/LICENSE --output  
hdfs:///tmp/wordcount-result.txt
```

在YARN上运行单个Flink作业

```
./bin/flink run -m yarn-cluster -yqu root.bf_yarn_pool.development ./examples/batch/WordCount.jar
```

查看帮助

```
./bin/flink -h
```