

在运行首个 mapreduce 任务时，碰到了标题的情况

错误提示为：**Could not find or load main class
org.apache.hadoop.mapreduce.v2.app.MRAppMaster**

在所有 **master** 和 **slave** 中均进行一下操作

解决方法：在 mapred-site.xml 文件中加入

注意，\$HADOOP_HOME 为自己安装 Hadoop 的位置，因为本人添加到环境变量，故直接使用环境变量

```
<property>
```

```
  <name>yarn.app.mapreduce.am.env</name>
```

```
  <value>HADOOP_MAPRED_HOME=$HADOOP_HOME</value>
```

```
</property>
```

```
<property>
```

```
  <name>mapreduce.map.env</name>
```

```
  <value>HADOOP_MAPRED_HOME=$HADOOP_HOME </value>
```

</property>

<property>

<name>mapreduce.reduce.env</name>

<value>HADOOP_MAPRED_HOME=\$HADOOP_HOME </value>

</property>

<property>

<name>mapreduce.application.classpath</name>

<value>\$HADOOP_HOME /share/hadoop/mapreduce/*,

\$HADOOP_HOME /share/hadoop/mapreduce/lib/*,

\$HADOOP_HOME /share/hadoop/common/*,

\$HADOOP_HOME /share/hadoop/common/lib/*,

\$HADOOP_HOME /share/hadoop/yarn/*,

\$HADOOP_HOME /share/hadoop/yarn/lib/*,

\$HADOOP_HOME /share/hadoop/hdfs/*,

\$HADOOP_HOME/share/hadoop/hdfs/lib/*</value>

</property>

注 意 ， 最 后 一 个 配 置 中 ， 确 保 同 时 存 在

share/hadoop/X/* and share/hadoop/X/lib/.*

同时，在 yarn-site.xml 文件中，添加

```
<property>
```

```
<name>yarn.application.classpath</name>
```

```
<value>$HADOOP_HOME/share/hadoop/mapreduce/*,
```

```
$HADOOP_HOME/share/hadoop/mapreduce/lib/*,
```

```
$HADOOP_HOME/share/hadoop/common/*,
```

```
$HADOOP_HOME /share/hadoop/common/lib/*,
```

```
$HADOOP_HOME/share/hadoop/hdfs/*,
```

```
$HADOOP_HOME/share/hadoop/hdfs/lib/*,
```

```
$HADOOP_HOMEshare/hadoop/yarn/*,
```

```
$HADOOP_HOME /share/hadoop/yarn/lib/*</value>
```

```
</property>
```