

Call to localhost/127.0.0.1:9000 failed on connection exception:java.net.ConnectException的解决方案

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在启动hadoop时, 出现了如下错误:

```
Call From java.net.UnknownHostException: ubuntu-larntin: ubuntu-larntin to localhost:9000 failed on connection exception: java.net.ConnectException: Connection refused;
```

而且启动datanode、yarn都正常, 只有namenode一直挂掉

解决方案如下:

```
wrr@ubuntu:~$ hadoop namenode -format
```

之后, 重新启动所有的集群, 即可

```
wrr@ubuntu:~$ cd /home/wrr/java/hadoop-2.7.6/sbin
wrr@ubuntu:~/java/hadoop-2.7.6/sbin$ ./hadoop-daemon.sh start namenode
starting namenode, logging to /home/wrr/java/hadoop-2.7.6/logs/hadoop-wrr-namenode-ubuntu.out
wrr@ubuntu:~/java/hadoop-2.7.6/sbin$ jps
8307 DataNode
9317 NameNode
7431
9352 Jps
8476 ResourceManager
```

之后, 再次在eclipse上运行程序, 就没问题了。

新建了一个java文件

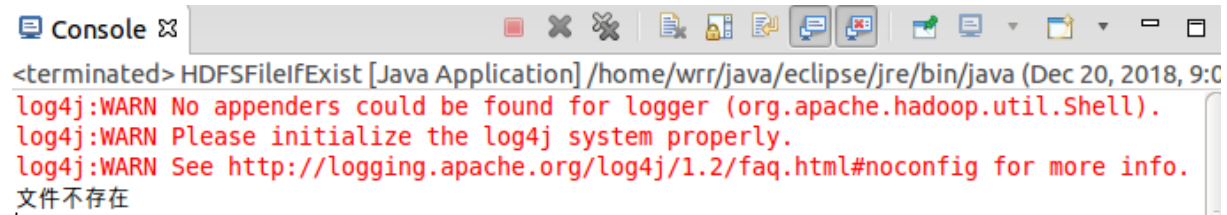
```
import org.apache.hadoop.conf.Configuration;
import org.apache.hadoop.fs.FileSystem;
import org.apache.hadoop.fs.Path;
public class HDFSFileIfExist {
    public static void main(String[] args){
        try{
            String fileName = "test";
            Configuration conf = new Configuration();
            conf.set("fs.defaultFS", "hdfs://localhost:9000");
            conf.set("fs.hdfs.impl", "org.apache.hadoop.hdfs.DistributedFileSystem");
            FileSystem fs = FileSystem.get(conf);
            if(fs.exists(new Path(fileName))){
                System.out.println("文件存在");
            }else{

```

```
        System.out.println("文件不存在");
    }

    }catch (Exception e){
        e.printStackTrace();
    }
}
```

判断当前hadoop-2.7.6目录下是否存在test文件

A screenshot of the Eclipse IDE's console window. The title bar reads "Console". The text in the console shows a Java application terminated with the command "HDFSFileExist [Java Application] /home/wrr/java/eclipse/jre/bin/java (Dec 20, 2018, 9:00)". Below this, there are three red log4j warning messages: "log4j:WARN No appenders could be found for logger (org.apache.hadoop.util.Shell).", "log4j:WARN Please initialize the log4j system properly.", and "log4j:WARN See http://logging.apache.org/log4j/1.2/faq.html#noconfig for more info.". The final line of output is "文件不存在" (File does not exist).

```
<terminated> HDFSFileExist [Java Application] /home/wrr/java/eclipse/jre/bin/java (Dec 20, 2018, 9:00)
log4j:WARN No appenders could be found for logger (org.apache.hadoop.util.Shell).
log4j:WARN Please initialize the log4j system properly.
log4j:WARN See http://logging.apache.org/log4j/1.2/faq.html#noconfig for more info.
文件不存在
```

如果想看更多关于java API的内容，可以看[大数据技术原理与应用 第三章 分布式文件系统HDFS 学习指南_厦大数据库实验室博客](#)