

Recently we were building the lucene project into eclipse. First, we used `git clone` to get the master version of lucene, and used `git checkout commitId` to point the project to the bug version. Next, we use ant + ivy to build the project by following these steps:

1. Use the `ant ivy-bootstrap` command to change the ivy version required by the project
2. Build lucene into eclipse project using `ant eclipse` command

The failure occurred in the second step, and an exception message was thrown. The exception message appeared to be an HTTP request error. I tried to open a url with a failed request <http://repo1.maven.org/maven2/org/apache/hadoop/hadoop-hdfs/2.6.0/hadoop-hdfs-2.6.0-tests.jar> and then 501 appeared Request failed.

The exception message as follow:

```
ivy-configure:
[ivy:configure] :: loading settings :: file =
/Users/qihao/eclipse-
workspace/java_test/gittest/regression/lucene-
solr/lucene/ivy-settings.xml

resolve:
[ivy:retrieve]
[ivy:retrieve] :: problems summary ::
[ivy:retrieve] :::: WARNINGS
[ivy:retrieve] [FAILED] org.apache.hadoop#hadoop-
common;2.6.0!hadoop-common.jar(test): (0ms)
[ivy:retrieve] ==== shared: tried
[ivy:retrieve]
/Users/qihao/.ivy2/shared/org.apache.hadoop/hadoop-
common/2.6.0/tests/hadoop-common.jar
[ivy:retrieve] ==== public: tried
[ivy:retrieve]
http://repo1.maven.org/maven2/org/apache/hadoop/hadoop-
common/2.6.0/hadoop-common-2.6.0-tests.jar
[ivy:retrieve] [FAILED] org.apache.hadoop#hadoop-
hdfs;2.6.0!hadoop-hdfs.jar(test): (0ms)
[ivy:retrieve] ==== shared: tried
[ivy:retrieve]
/Users/qihao/.ivy2/shared/org.apache.hadoop/hadoop-
hdfs/2.6.0/tests/hadoop-hdfs.jar
[ivy:retrieve] ==== public: tried
[ivy:retrieve]
http://repo1.maven.org/maven2/org/apache/hadoop/hadoop-
hdfs/2.6.0/hadoop-hdfs-2.6.0-tests.jar
```

```

[ivy:retrieve]
::::::::::::::::::::::::::::::::::::::::::::
[ivy:retrieve]  ::                               FAILED DOWNLOADS
      ::
[ivy:retrieve]  :: ^ see resolution messages for
details ^ ::
[ivy:retrieve]
::::::::::::::::::::::::::::::::::::::::::::
[ivy:retrieve]  :: org.apache.hadoop#hadoop-
common;2.6.0!hadoop-common.jar(test)
[ivy:retrieve]  :: org.apache.hadoop#hadoop-
hdfs;2.6.0!hadoop-hdfs.jar(test)
[ivy:retrieve]
::::::::::::::::::::::::::::::::::::::::::::
[ivy:retrieve] :::: ERRORS
[ivy:retrieve]  SERVER ERROR: HTTPS Required
url=http://repol.maven.org/maven2/org/apache/hadoop/hadoop-
common/2.6.0/hadoop-common-2.6.0-tests.jar
[ivy:retrieve]  SERVER ERROR: HTTPS Required
url=http://repol.maven.org/maven2/org/apache/hadoop/hado
op-hdfs/2.6.0/hadoop-hdfs-2.6.0-tests.jar
[ivy:retrieve]
[ivy:retrieve]  :: USE VERBOSE OR DEBUG MESSAGE LEVEL FOR
MORE DETAILS

```