Starting ColdFusion9 Solr: Using cfsolr in same directory
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The cfsolr script for Mac, Linux, and Unix is written such that you must be in the ColdFusion9/solr/ directory when running the script. The script refers to the start.jar file without providing the full path.

The problem is that if you are not in the solr/ directory under the ColdFusion root directory, the cfsolr script echos that Solr has been started or stopped, even though it has not.

Since the standard error is redirected to the standard out with "2>&1" the problem is swallowed and the person performing the operation is led to believe that the operation has been carried out as expected.

Here's a snippet from the ColdFusion9/solr/cfsolr script showing that start.jar is referenced without a full path:

```
SOLRSTART='nohup java $JVMARGS -jar start.jar > $SOLR/logs/start.log 2>&1  &'
SOLRSTOP='nohup java $JVMARGS -jar start.jar --stop > $SOLR/logs/start.log 2>&1'
```

Looking at the logs, I see that the problem was quietly recorded in a solr log file:

```
QAs-iMac:logs QA$ pwd
/opt/ColdFusion901/solr/logs
QAs-iMac:logs QA$ cat start.log
Unable to access jarfile start.jar
```

The script already has a variable defining the Solr directory path:

```
SOLR="/opt/ColdFusion9/solr"
```

To fix the bug, prefix the reference to start.jar with **${SOLR}/**start.jar like this:

```
SOLRSTART='nohup java $JVMARGS -jar ${SOLR}/start.jar > $SOLR/logs/start.log 2>&1  &'
SOLRSTOP='nohup java $JVMARGS -jar ${SOLR}/start.jar --stop > $SOLR/logs/start.log 2>&1'
```

With that fix, the cfsolr script can be called from any directory outside the solr directory.

Here is an examle of how the script falsely echos that the solr server has stopped or started when it has not (determined by grepping for the process):

```
QAs-iMac:opt QA$ pwd
/opt
QAs-iMac:opt QA$ ./ColdFusion9/bin/coldfusion stop
Stopping ColdFusion 9, please wait
Stopping coldfusion server.stopped
ColdFusion 9 has been stopped
QAs-iMac:opt QA$ ps -ef | grep solr
  501 73310    1  0  0:00.25 ??        0:02.64 /usr/bin/java -XX:+AggressiveOpts -XX:+ScavengeBeforeFullGC -XX:-UseParallelGC -Xmx256m -Dsolr.solr.home=multicore -DSTOP.PORT=8079 -DSTOP.KEY=cfsolrstop -jar start.ja
```

```
QAs-iMac:opt QA$ ./ColdFusion9/solr/cfsolr start
Starting ColdFusion Solr Server...
ColdFusion Solr Server is starting up and will be available shortly.
QAs-iMac:opt QA$ ps -ef | grep solr
  501 78371 62961  0  0:00.00 ttys000    0:00.00 grep solr
QAs-iMac:opt QA$ ps -ef | grep solr
  501 78373 62961  0  0:00.00 ttys000    0:00.00 grep solr
QAs-iMac:opt QA$ ps -ef | grep solr
```