

Java Runtime .bat .sh , ""!

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cd jserver  
jserver-startup.bat

(-)  
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```
2010-07-12 22:00:50,276 INFO [main] (netams4.java:43) - Starting NETAMS4 ...
2010-07-12 22:00:51,438 INFO [rpcbridge] (EngineThread.java:34) - NETAMS4 rpcbridge starting..
2010-07-12 22:00:51,443 INFO [main] (BillingEngine.java:63) - load:
{ID=1 test=0 classname=FlatRate2 name=Test Flat Rate status=ACTIVE periodtype=ALL servicetype=IP
replacement_id=0}
2010-07-12 22:00:51,451 INFO [billing] (EngineThread.java:34) - NETAMS4 billing starting..
2010-07-12 22:00:51,468 INFO [datasource] (EngineThread.java:34) - NETAMS4 datasource starting..
2010-07-12 22:00:51,570 DEBUG [datasource] (DataSourceEngine.java:69) - list of configured datasources:
2010-07-12 22:00:51,573 DEBUG [datasource] (Netflow5DataSource.java:85) - NF5 DS#1 start thread
2010-07-12 22:00:51,593 DEBUG [datasource] (DataSourceEngine.java:74) - Netflow5, id=1, ver=1.00,listen=0.
0.0.0, accept=172.16.130.1, port=20001
2010-07-12 22:00:51,718 INFO [rpcbridge] (RPCBridgeEngine.java:47) - CAJO RPC bridge started
```

, , . - , **Exception**, jserver/logs/.

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cd webadmin  
webadmin-startup.bat

(-)  
, :

```
2010-07-12 22:04:47.824::INFO: Logging to STDERR via org.mortbay.log.StdErrLog
2010-07-12 22:04:47.018::INFO: jetty-6.1.xlog4j:WARN No appenders could be found for logger
(org.apache.jasper.compiler.JspRuntimeContext).log4j:WARN Please initialize the log4j system properly.
2010-07-12 22:04:49.139::INFO: WebApp@18680399 at http://0.0.0.0:8080/
2010-07-12 22:04:49.143::INFO: Started SocketConnector@0.0.0.0:8080
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cd repserver  
repserver-startup.bat

(-)  
**Linux** , .bat- .sh- , - . , , :

debian:/usr/local/netams4/webadmin# **ps ax | grep java**

```
1789  2  S      0:20.67 ../java/bin/java -cp ../lib/*:bin/:bin/netams4-jserver.jar com.netams.netams4.netams4
../netams4.properti
1791  2  I      0:11.63 ../java/bin/java -cp ../lib/*:../lib/*:../war/WEB-INF/lib/*:war/WEB-INF/classes/ com.
netams.netams4.wa.serv
1801  2  S      0:08.36 ../java/bin/java -cp ../lib/*:bin/:lib/*:bin/netams4-repserver.jar com.netams.netams4.
report.server.Repor
```

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debian:/usr/local/netams4/webadmin# **kill 1789 1791 1801**

, . - <http://localhost:8080/> - <http://localhost:8080/webadmin/webadmin.html>

! 4.0.1236 , /webadmin/...

Web Administration Panel, ( : ) **netams : netams**

, , (http://). ( ) - -, - , , .