

Monitoring external jobs

: Monitoring external jobs

Jenkinscronprocmailinetd()(Jenkins

""

```
$ export HUDSON_HOME=http://user:pw@myserver.acme.org/path/to/jenkins/  
$ java -jar /path/to/WEB-INF/lib/jenkins-core-*.jar "job name" <program  
arg1 arg2...>
```

Windows

```
> set HUDSON_HOME=http://user:pw@myserver.acme.org/path/to/jenkins/  
> java -jar \path\to\WEB-INF\lib\jenkins-core-*.jar "job name" cmd.exe  
/c <program arg1 arg2...>
```

WebJenkins jenkins.war WEB-INF/libjenkins-core.jarjarjenkins.warjar

```
jenkins-core-*.jar  
remoting-*.jar  
ant-1.7.0.jar  
commons-lang-2.4.jar  
xstream-*.jar
```

war WEB-INF/lib java -jar /path/to/jenkins-core-*.jar

- Note: Jenkins 1.324 winstone.jar jarwar (-classpath -cp) java

JENKINS_HOME Jenkins

JenkinsURL username:password@

- Note: JENKINS_HOMEusername:password Jenkins 1.324JenkinscurlHTTPXML

jenkins-core-*.jar jar

0

cron

croncroncron

```
JENKINS_HOME=http://myserver.acme.org/path/to/jenkins/  
0 * * * * export JENKINS_HOME=$HUDSON_HOME; java -jar jenkins-core.  
jar "backup" backup.sh 2>&l > /dev/null
```

cronJenkins

jenkins-core.jar HTTPXMLXMLJenkins

```
<run>
  <log encoding='hexBinary'>...16...</log>
  <result>... 0</result>
  <duration>... (ms) ...</duration>
  <displayName>... ..</displayName>
  <description>... ..</description>
</run>
```

duration 1.429 displayName description 3(log, result)
hexBinaryXMLhexBinaryXML

XML http://myhost/jenkins/job/_jobName_/postBuildResult

curl(ABC(LF)hexBinary 4142430A)

```
$ curl -X POST -d '<run><log encoding="hexBinary">4142430A<
/log><result>0</result><duration>2000</duration></run>' \
http://user:pass@myhost/jenkins/job/_jobName_/postBuildResult
```

(CSRF) / CSRF Protection

Jenkins 1.384 "Prevent Cross Site Request Forgery exploits" Jenkins (java -jar curl/wget POST) "crumb/ No valid crumb was included" 403

(CSRF: https://www.owasp.org/index.php/Cross-Site_Request_Forgery)

1.385 java -jar CSRFcurl/wget http://server/jenkins/crumbIssuer/api/xml (/api/json) URL

```
wget -q --output-document - \
'http://server/jenkins/crumbIssuer/api/xml?xpath=concat(
//crumbRequestField," :",//crumb)'
```