**ALL SERVER STATES USING WLST**

This is an extension to my earlier post which gives the runtime attributes about the **alive**servers.

<http://weblogic-wonders.com/weblogic/2011/03/16/weblogic-server-runtime-using-wlst/>

However there could be scenarios where you might want to keep a track of all the server states like RUNNING, SHUTDOWN  etc  in the domain.

The below WLST script provides a list of all the servers in the domains and their respective server states. To check the servers which are in shutdown state.

Steps:-

**1. Script to monitor all the Server States in the domain.**

a. Save the below script AllServerStatus.py on to your local machine.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

username = 'weblogic'

password = 'weblogic1'

URL='t3://localhost:7001'

connect(username,password,URL)

domainConfig()

serverList=cmo.getServers();

domainRuntime()

cd('/ServerLifeCycleRuntimes/')

for server in serverList:

name=server.getName()

cd(name)

serverState=cmo.getState()

if serverState=='SHUTDOWN':

print '\*\*\*\* Shutdown Servers \*\*\*\*'

print 'Server \*\*\*\*\*'+ name +'\*\*\*\*\* State \*\*\*\*\*'+serverState

break

print 'Server \*\*\*\*\*'+ name +'\*\*\*\*\* State \*\*\*\*\*'+serverState

cd('..')

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**2. Execute the WLST Script**

a.  Set the **CLASSPATH**by running the **setDomainEnv**script from the

Alternatively you can set the CLASSPATH by specifying the **–cp** argument while executing the WLST Script

For Ex: **java –cp $BEA\_HOME/wlserver\_10.3/server/lib/weblogic.jar  weblogic.WLST AllServerStatus.py**