

# Monitoring JDBC Connection pools

# Nagios configuration:

## `/etc/nagios3/conf.d/localhost_nagios2.cfg`

```
define service {  
    use                generic-service  
    host_name          localhost  
    service_description  JDBC Connection Pool  
    check_command       jdbc-connection-pool  
}
```

## `/etc/nagios3/commands.cfg`

```
define command {  
    command_name        jdbc-connection-pool  
    command_line        sh /usr/lib/nagios/plugins/check_jdbc_conn_pool  
}
```

# Nagios indications

**OK**

Everything is ok

**Warning**

Application server isn't running

**Critical**

At least one connection pool isn't responding

# THE Script:

```
#!/bin/sh

pools=`/usr/share/glassfishv2/bin/asadmin list-jdbc-connection-pools --user admin --passwordfile /usr/share/glassfishv2/bin/admin.passwd 2> /dev/null`

if [ `echo $pools | grep Unable\ to\ connect\ to\ admin-server\ at\ given\ host | wc -l` -eq 1 ]; then
    echo "Application server isn't running!"
    exit 1
fi

/usr/share/glassfishv2/bin/asadmin list-jdbc-connection-pools --user admin --passwordfile /usr/share/glassfishv2/bin/admin.passwd -t |
{
    jdbc_return=""
    return_code=0

    while read line
    do
        ping_res=`/usr/share/glassfishv2/bin/asadmin ping-connection-pool --user admin --passwordfile /usr/share/glassfishv2/bin/admin.passwd $line 2> /dev/null`

        if [ `echo $ping_res | grep successfully. | wc -l` -eq 1 ]; then
            jdbc_return=$jdbc_return"$line OK!";
        fi
        if [ `echo $ping_res | grep successfully. | wc -l` -eq 0 ]; then
            jdbc_return=$jdbc_return"$line KO!";
            return_code=2
        fi
    done

    echo "JDBC:"$jdbc_return;
    exit $return_code
}
```

Questions ??