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— 이강우 2015/08/03 16:14

tomcat.sh

LINUX용

JDK 1.8+ 버전용

```
#!/bin/sh
#####
# instance      : sample
# description   : sample instance environment
# date          : 2024-12-05
# author        : kwlee2@linuxdata.co.kr
# copyright     : Linux Data System co.
#               : http://linuxdata.co.kr
#####
ABSOLUTE_PATH="$(cd $(dirname "$0") && pwd -P)"
PROFILE_PATH="${ABSOLUTE_PATH%/*}"
DIR_NAME="${PROFILE_PATH##*/}"

. $ABSOLUTE_PATH/tomcat.env
echo "JAVA_OPTS = ${JAVA_OPTS}"

if [ -z "$SERVER_NAME" ]
then
    echo "WARNING : tomcat.env is not configured."
    echo "WARNING : Program Exit."
    exit 1
fi

if [ "$DIR_NAME" != "$SERVER_NAME" ]
then
    echo "WARNING : DIRECTORY and SERVER_NAME are not same"
    echo "WARNING : Program Exit."
    exit 1
fi

if [ $TOMCAT_USER != $UNAME ]
then
    echo "WARNING : Current User is [$UNAME]. MUST run to [$TOMCAT_USER]."
    echo "WARNING : Program Exit."
    exit 1
fi

case $1 in
start|run)
```

```
#RESULT=`$CATALINA_HOME/bin/catalina.sh configtest > /dev/null 2>&1`
RESULT=`$CATALINA_HOME/bin/catalina.sh configtest`

if [ $? -ne 0 ]
then
    echo "WARNING : server.xml configuration error. Program Exit."
    echo "$RESULT"
    exit 1
else
    if [ "${USE_LARGEPAGE}" == "true" ]; then
        # 현재 HugePages 크기와 갯수 읽기
        PAGESIZE=$(grep Hugepagesize /proc/meminfo | awk '{print $2}')
# kB 단위
        HUGEPAGE=$(grep HugePages_Free /proc/meminfo | awk '{print $2}')
        # HugePages 크기를 MB로 변환
        PAGESIZE_MB=$((PAGESIZE / 1024))

        # 필요한 HugePages 수 계산
        REQUIRED_HUGEPAGE=$((HEAP_MAX / PAGESIZE_MB))

        # 정보 출력
        echo "현재 HugePages 크기: ${PAGESIZE_MB} MB"
        echo "현재 사용 가능한 HugePages 개수: ${HUGEPAGE}"
        echo "힙 메모리 최대 크기: ${HEAP_MAX} MB"
        echo "필요한 HugePages 개수: ${REQUIRED_HUGEPAGE}"
        # HugePages가 충분하지 않은 경우 경고 출력
        if [ "$HUGEPAGE" -lt "$REQUIRED_HUGEPAGE" ]; then
            echo "ERROR: HugePages가 충분하지 않습니다. 최소
${REQUIRED_HUGEPAGE}개 필요하지만 현재 ${HUGEPAGE}개만 사용 가능합니다." >&2
            exit 1;
        else
            echo "HugePages 설정이 충분합니다."
        fi
    fi

    $CATALINA_HOME/bin/catalina.sh $@
fi

;;
stop)
    $CATALINA_HOME/bin/catalina.sh $1 10 -force
;;
*)
    $CATALINA_HOME/bin/catalina.sh $@
esac

exit 0

# EOF
```

JDK 11 이하 버전용

```
#!/bin/sh
#####
# instance      : sample
# description    : sample instance environment
# date          : 2015-03-27
# author        : kwlee2@linuxdata.co.kr
# copyright     : Linux Data System co.
#               : http://linuxdata.co.kr
#####
ABSOLUTE_PATH="$(cd $(dirname "$0") && pwd -P)"
PROFILE_PATH="${ABSOLUTE_PATH%/*}"
DIR_NAME="${PROFILE_PATH##*/}"

. $ABSOLUTE_PATH/tomcat.env

if [ -z "$SERVER_NAME" ]
then
    echo "WARNING : tomcat.env is not configured."
    echo "WARNING : Program Exit."
    exit 1
fi

if [ "$DIR_NAME" != "$SERVER_NAME" ]
then
    echo "WARNING : DIRECTORY and SERVER_NAME are not same"
    echo "WARNING : Program Exit."
    exit 1
fi

if [ $TOMCAT_USER != $UNAME ]
then
    echo "WARNING : Current User is [$UNAME]. MUST run to [$TOMCAT_USER]."
    echo "WARNING : Program Exit."
    exit 1
fi

case $1 in
    start|run)
        #RESULT=`$CATALINA_HOME/bin/catalina.sh configtest > /dev/null 2>&1`
        RESULT=`$CATALINA_HOME/bin/catalina.sh configtest`

        if [ $? -ne 0 ]
        then
            echo "WARNING : server.xml configuration error. Program Exit."
            echo "$RESULT"
            exit 1
        else
            $CATALINA_HOME/bin/catalina.sh $@
        fi
    *)
        echo "Usage: $0 {start|run}"
        exit 1
    esac
```

```
    fi
        ;;
    stop)
        $CATALINA_HOME/bin/catalina.sh $@ 10 -force
        ;;
    *)
        $CATALINA_HOME/bin/catalina.sh $@
esac
exit 0

# EOF
```

DOS / WINDOWS용

```
@echo off
REM #####
REM # instance      : sample
REM # description   : sample instance environment
REM # date          : 2016-08-02
REM # author        : KangWoo Lee
REM #               : kwlee2@linuxdata.co.kr
REM # copyright     : Linux Data System co.
REM #               : http:\\linuxdata.co.kr
REM # platform      : WINDOWS / DOS
REM #####

set ABSOLUTE_PATH="%~dp0"
set PATH_TOKEN=%ABSOLUTE_PATH:\=;%
set ARG=%1

for /F "tokens=* delims=;" %i IN (%PATH_TOKEN%) DO call :LAST_FOLDER %i
goto :EOF

:LAST_FOLDER
if "%1"==" " (
    @echo %DIR_NAME%
    goto :START_SCRIPT
)

SET DIR_NAME=%1
SHIFT

goto :LAST_FOLDER
REM =====

:START_SCRIPT
call %ABSOLUTE_PATH%env.cmd

REM =====
```

```
echo CATALINA_HOME=%CATALINA_HOME%
echo CATALINA_BASE=%CATALINA_BASE%
echo CATALINA_OPTS=%CATALINA_OPTS%
echo CATALINA_OUT=%CATALINA_OUT%
echo CATALINA_PID=%CATALINA_PID%
echo CATALINA_TMPDIR=%CATALINA_TMPDIR%
echo JAVA_HOME=%JAVA_HOME%
echo JAVA_OPTS=%JAVA_OPTS%

if NOT "%DIR_NAME%" == "%SERVER_NAME%" (
    echo DIR_NAME:%DIR_NAME%
    echo SERVER_NAME:%SERVER_NAME%
    echo WARNING : DIRECTORY and SERVER_NAME are not same
    echo WARNING : Program Exit.
    goto :EOF
)

call %CATALINA_HOME%\bin\catalina.bat %ARG%
```

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