



Project Name : Amore_Asset_U2L - MOB

Department :

Focus Area : WAS Migration

Product/Process : - WEBSPPHERE, - Tomcat

Executed By :

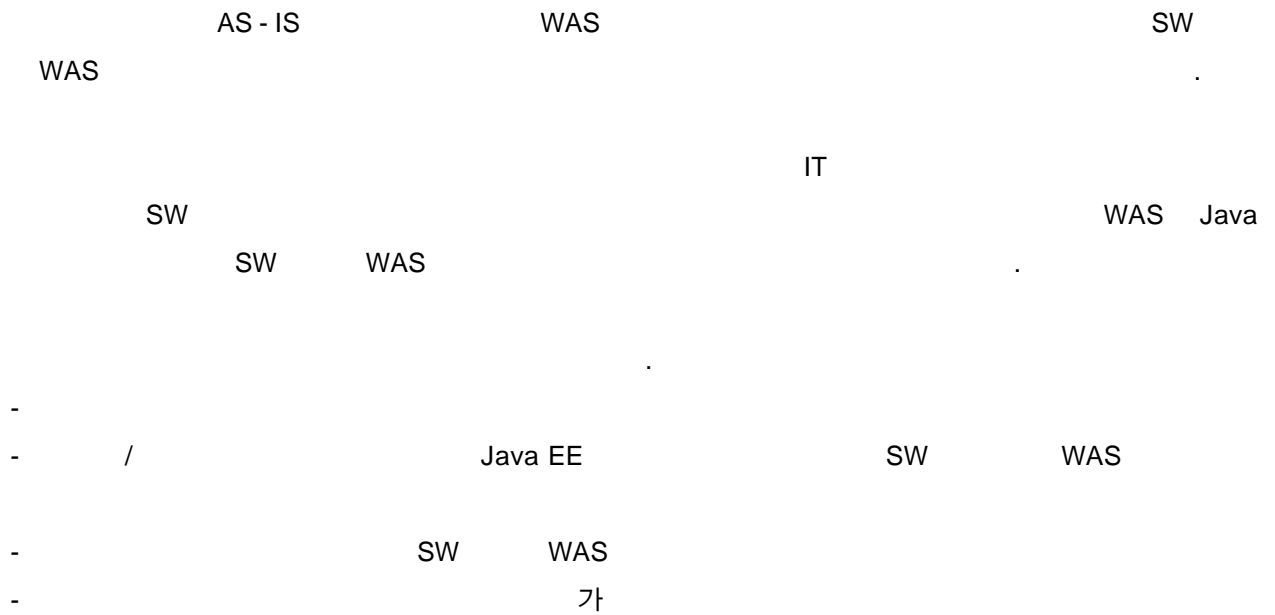
Owner(s)	Project/Organization Role

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1.



1.1.

100%

1.2.

30%

1.3.

- Java
- JSP
-
- ear, war, jar
- application.xml, web.xml, vendor - xml
- XML

- Tomcat JBoss

2.

File Name: ASSET_MOB.war

2.1.

EAR, WAR, JAR

2.1.1. JAR

JAR .class main()
 , JVM
 JAR java CLASSPATH
 CLASSPATH
 , JAR
 JAR CLASSPATH
 JAR main() 가 가
 JAR JAR

2.1.2. WAR

WAR , WAR
 가 WAR

2.1.3. EAR

EAR Jave EE 5 . EAR JAR, WAR, RAR
 가 , WAS
 , Tier
 Java EE 5 (Distributed Multitier Application)

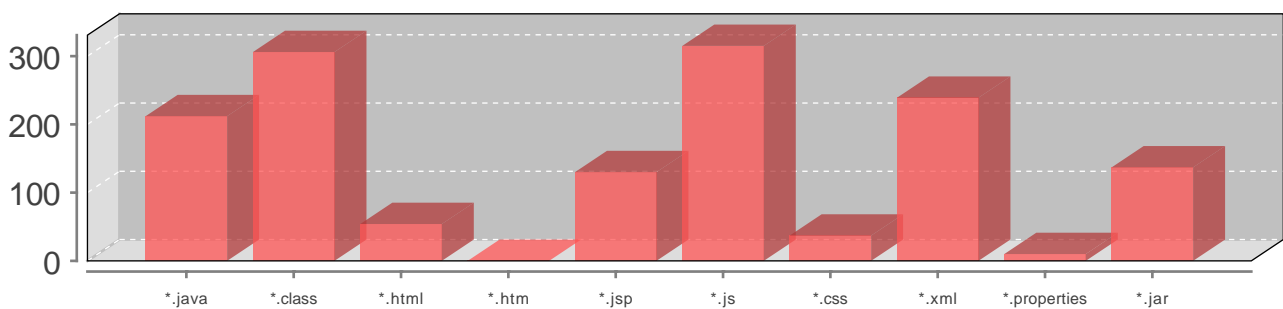
3.

WAR(Web Archive)

3.1.

*.java	212	ISO - 8859 - 1	UTF - 8
*.class	306	N/A	N/A
*.html	54	windows - 1252	UTF - 8
*.htm	0	N/A	N/A
*.jsp	130	windows - 1252	UTF - 8
*.js	315	ISO - 8859 - 1	UTF - 8
*.css	37	ISO - 8859 - 1	UTF - 8
*.xml	239	ISO - 8859 - 1	UTF - 8
*.properties	10	ISO - 8859 - 1	UTF - 8
*.jar	137	N/A	N/A
DIRECTORY	374	N/A	N/A
SUM	1814	N/A	N/A

File Count



3.2.

3.2.1. Servlet

HTMLTagFilterRequestWrapper.java	90\WEB-INF\classes\egovframework\com\cmm\filter\
EgovComIndexController.java	90\WEB-INF\classes\egovframework\com\cmm\web\
EgovFileMngController.java	90\WEB-INF\classes\egovframework\com\cmm\web\
EgovComUtilController.java	90\WEB-INF\classes\egovframework\com\cmm\web\
EgovImageProcessController.java	90\WEB-INF\classes\egovframework\com\cmm\web\
EgovFileDownloadController.java	90\WEB-INF\classes\egovframework\com\cmm\web\
EgovRlnmManageController.java	90\WEB-INF\classes\egovframework\com\sec\rnc\web\
EgovSndngMailDtlsController.java	90\WEB-INF\classes\egovframework\com\cop\ems\web\
EgovSndngMailRegistController.java	90\WEB-INF\classes\egovframework\com\cop\ems\web\
EgovSndngMailDetailController.java	90\WEB-INF\classes\egovframework\com\cop\ems\web\
EgovCalRestdeManageController.java	90\WEB-INF\classes\egovframework\com\sym\cal\web\
EgovCcmZipManageController.java	90\WEB-INF\classes\egovframework\com\sym\ccm\zip\web\
EgovLoginController.java	90\WEB-INF\classes\egovframework\com\uat\uia\web\
EgovMberManageController.java	90\WEB-INF\classes\egovframework\com\uss\umt\web\
EgovEntrprsManageController.java	90\WEB-INF\classes\egovframework\com\uss\umt\web\
EgovUserManageController.java	90\WEB-INF\classes\egovframework\com\uss\umt\web\
BlankTempletController.java	90\WEB-INF\classes\jeon\user\info\blankTemplet\
BoardController.java	90\WEB-INF\classes\jeon\user\info\board\

HomeAspect.java	90\WEB - INF\classes\jeon\user\info\ao\
sample1.java	90\WEB - INF\classes\jeon\user\info\egovTemple\
FileTestController.java	90\WEB - INF\classes\jeon\user\info\file\
CheckBarTempletController.java	90\WEB - INF\classes\jeon\user\info\checkBarTemplet\
FileTempletController.java	90\WEB - INF\classes\jeon\user\info\fileTemplet\
GrdNoteController.java	90\WEB - INF\classes\jeon\user\info\grdNote\
TempAssetController.java	90\WEB - INF\classes\jeon\user\info\tempAsset\
Templet2Controller.java	90\WEB - INF\classes\jeon\user\info\templet2\
TreeTempletController.java	90\WEB - INF\classes\jeon\user\info\treeTemplet\
UITempleatController.java	90\WEB - INF\classes\jeon\user\info\uiTempleat\
HelloController.java	90\WEB - INF\classes\jeon\user\info\userInfo\
UserInfoController.java	90\WEB - INF\classes\jeon\user\info\userInfo\

3.2.2. JSP

0\logon.jsp

```
Line 20 :    //returnUrl = Util.uRLEncode("http://10.155.8.147:8316/nsso.jsp", "UTF - 8");
```

0\WEB - INF\jsp\asset\egovframework\com\uat\uia\EgovGpkilInstall.jsp

```
Line 114 : location.href =
"/html/egovframework/com/uat/uia/setup/install_off_v1.0.2.8.exe";
Line 84 : <a
href='/html/egovframework/com/uat/uia/setup/install_on_v1.0.4.9.exe'><img
src='<c:url value='/images/egovframework/com/uat/uia/security_down.gif' />'
width="136" height="29" alt="" border="0"></a>
```

3.2.3. Properties

0\WEB-INF\classes\egovframework\egovProps\globals.properties

```
Line 20 : Globals.LocalIp = 127.0.0.1
Line 36 : #Globals.Url=jdbc:mysql://localhost:3306/egov
Line 41 : #Globals.Url=jdbc:oracle:thin:@1.214.207.43:1521:apasset
Line 43 : Globals.Url=jdbc:oracle:thin:@10.155.8.154:1528:NTUTF
```

0\WEB-INF\classes\sso.properties

```
Line 2 : SITESERVER_IP=10.129.31.29
```

3.2.4. Class

3.3. JSP

[Amore_Asset_U2L - MOB] JSP 130 가 , JSP page directive . , 가 .

directive	
<%@ page contentType="text/html; charset=UTF - 8" pageEncoding="UTF - 8"%>	81
<%@page import="jit.com.util.Utils"%>	5
<%@ page language="java" contentType="text/html; charset=UTF - 8" pageEncoding="UTF - 8"%>	15
<%@ page language="java" contentType="text/html; charset=UTF - 8" pageEncoding="UTF - 8"%>	3
<%@page contentType="text/html; charset=UTF - 8" %>	1
<%@ page import="com.nets.sso.agent.CryptEncType"%>	1
<%@ page contentType="text/html; charset=UTF - 8"%>	15
<%@ page import="com.nets.sso.agent.AuthCheck" %>	1
<%@ page contentType="text/html; charset=UTF - 8" pageEncoding="UTF - 8"%>	4

<%@ page language="java" contentType="javascript/x - javascript" %>	1
<%@ page import="com.nets.sso.agent.*" %>	1

3.4.

web.xml

```

<?xml version="1.0" encoding="UTF - 8"?>
<web - app xmlns:xsi="http://www.w3.org/2001/XMLSchema - instance"
xmlns="http://java.sun.com/xml/ns/j2ee"
xmlns:javaee="http://java.sun.com/xml/ns/javaee"
xmlns:web="http://java.sun.com/xml/ns/javaee/web - app_2_5.xsd"
xsi:schemaLocation="http://java.sun.com/xml/ns/j2ee
http://java.sun.com/xml/ns/j2ee/web - app_2_4.xsd" id="WebApp_ID" version="2.4">
  <display - name>egovframework.ebt</display - name>
  <filter>
    <filter - name>encodingFilter</filter - name>
    <filter - class>
org.springframework.web.filter.CharacterEncodingFilter
</filter - class>
    <init - param>
      <param - name>encoding</param - name>
      <param - value>UTF - 8</param - value>
    </init - param>
  </filter>
  <filter - mapping>
    <filter - name>encodingFilter</filter - name>
    <url - pattern>*.do</url - pattern>
  </filter - mapping>
  <filter - mapping>
    <filter - name>encodingFilter</filter - name>
    <url - pattern>*.mdo</url - pattern>
  </filter - mapping>
  <filter>
    <filter - name>HTMLTagFilter</filter - name>
    <filter - class>
      egovframework.rte.ptl.mvc.filter.HTMLTagFilter
    </filter - class>
  </filter>
  <context - param>

```

```
<param - name>contextConfigLocation</param - name>
<param - value>
    classpath*:egovframework/spring/com/context - *.xml
</param - value>
</context - param>

<! - - JSP Template Inheritance - - >
<context - param>
    <param - name>jsp - inheritance - prefix</param - name>
    <param - value>/WEB - INF/jsp/layouts/</param - value>
</context - param>

<context - param>
    <param - name>jsp - inheritance - suffix</param - name>
    <param - value>.jsp</param - value>
</context - param>
<! - - JSP Template Inheritance - - >

<listener>
    <listener -
class>org.springframework.web.context.ContextLoaderListener</listener - class>
    </listener>
<servlet>
    <servlet - name>action</servlet - name>
    <servlet - class>
        org.springframework.web.servlet.DispatcherServlet
    </servlet - class>
    <init - param>
        <param - name>contextConfigLocation</param - name>
        <param - value>
            /WEB - INF/config/egovframework/springmvc/*.xml
        </param - value>
    </init - param>
    <load - on - startup>1</load - on - startup>
</servlet>
<servlet - mapping>
    <servlet - name>action</servlet - name>
    <url - pattern>*.do</url - pattern>
</servlet - mapping>
<servlet - mapping>
    <servlet - name>action</servlet - name>
    <url - pattern>*.mdo</url - pattern>
</servlet - mapping>
```

```

<welcome - file - list>
  <welcome - file>index.jsp</welcome - file>
</welcome - file - list>
<login - config>
  <auth - method>BASIC</auth - method>
</login - config>
<session - config>
  <session - timeout>60</session - timeout>
</session - config>
<error - page>
  <exception - type>java.lang.Throwable</exception - type>
  <location>/common/error.jsp</location>
</error - page>
<error - page>
  <error - code>404</error - code>
  <location>/common/error.jsp</location>
</error - page>
<error - page>
  <error - code>500</error - code>
  <location>/common/error.jsp</location>
</error - page>
</web - app>

```

3.5. WEB - INF/lib

lib

activation - 1.1.jar
ajaxtags - 1.5 - beta - 0.2.jar
antlr - 2.7.7.jar
antlr - 3.0.1.jar
aopalliance - 1.0.jar
asm - 3.1.jar
aspectjrt - 1.6.9.jar
aspectjweaver - 1.6.11.jar
batik - awt - util.jar
batik - bridge.jar

batik - css.jar
batik - dom.jar
batik - ext - 1.7.jar
batik - ext.jar
batik - gvt.jar
batik - parser.jar
batik - script.jar
batik - svg - dom.jar
batik - transcoder.jar
batik - util.jar
batik - xml.jar
cglib - 2.2.jar
cglib - nodep - 2.2.jar
commons - beanutils - 1.8.3.jar
commons - codec - 1.4.jar
commons - codec - 1.6.jar
commons - collections - 3.2.jar
commons - compress - 1.1.jar
commons - dbcp - 1.3.jar
commons - digester - 1.8.jar
commons - email - 1.2.jar
commons - fileupload - 1.2.1.jar
commons - httpclient - 2.0.1.jar
commons - io - 1.3.1.jar
commons - jexl - 1.1.jar
commons - lang - 2.6.jar
commons - logging - 1.1.1.jar
commons - logging - 1.1.3.jar
commons - net - 3.0.1.jar
commons - pool - 1.5.4.jar

commons - validator - 1.3.1.jar
commons - vfs - 1.0.jar
core - 2.0.jar
dom4j - 1.6.1.jar
easymock - 3.0.jar
egovframework.rte.fdl.cmmn - 2.0.0.jar
egovframework.rte.fdl.excel - 2.0.0.jar
egovframework.rte.fdl.filehandling - 2.0.0.jar
egovframework.rte.fdl.idgnr - 2.0.0.jar
egovframework.rte.fdl.property - 2.0.0.jar
egovframework.rte.fdl.security - 2.0.0.jar
egovframework.rte.fdl.string - 2.0.0.jar
egovframework.rte.fdl.xml - 2.0.0.jar
egovframework.rte.psl.dataaccess - 2.0.0.jar
egovframework.rte.ptl.mvc - 2.0.0.jar
ehcache - core - 2.4.1.jar
ehcache - terracotta - 2.1.1.jar
ezmorph - 1.0.6.jar
fluent - hc - 4.3.6.jar
hsqldb - 1.8.0.10.jar
httpclient - 4.3.6.jar
httpclient - cache - 4.3.6.jar
httpcore - 4.3.3.jar
httpmime - 4.3.6.jar
ibatis - sqlmap - 2.3.4.726.jar
icu4j - 4.8.jar
itext - pdfa - 5.5.6.jar
itext - xtra - 5.5.6.jar
itextpdf - 5.5.6.jar
jackson - core - asl - 1.8.0.jar

jackson - mapper - asl - 1.8.0.jar
jakarta - regexp - 1.4.jar
javase - 2.0.jar
jdom - 1.1.jar
jodconverter - 2.2.1.jar
jsch - 0.1.51.jar
json - lib - 2.4 - jdk15.jar
jsp - inheritance - 0.2.jar
jsr250 - api - 1.0.jar
jsso - agent.jar
jstl - 1.2.jar
jta - 1.1.jar
juh - 2.3.0.jar
junit - 4.8.1.jar
jurt - 2.3.0.jar
jxls - core - 0.9.9.jar
jxls - reader - 0.9.9.jar
log4j - 1.3alpha - 8.jar
log4jdbc3 - 1.1.jar
mail - 1.4.1.jar
mysql - connector - java - 5.1.6.jar
objenesis - 1.2.jar
ojdbc - 14.jar
oro - 2.0.8.jar
poi - 3.9.jar
poi - contrib - 3.2 - FINAL.jar
poi - ooxml - 3.9.jar
poi - ooxml - schemas - 3.9.jar
poi - scratchpad - 3.2 - FINAL.jar
quartz - 1.8.5.jar

quartz - jboss - 1.8.5.jar
quartz - oracle - 1.8.5.jar
quartz - weblogic - 1.8.5.jar
ridl - 2.3.0.jar
slf4j - api - 1.5.11.jar
slf4j - log4j12 - 1.5.11.jar
sndng - mail - 1.0.jar
spring - aop - 3.0.5.RELEASE.jar
spring - asm - 3.0.5.RELEASE.jar
spring - beans - 3.0.5.RELEASE.jar
spring - context - 3.0.5.RELEASE.jar
spring - context - support - 3.0.5.RELEASE.jar
spring - core - 3.0.5.RELEASE.jar
spring - expression - 3.0.5.RELEASE.jar
spring - jdbc - 3.0.5.RELEASE.jar
spring - modules - validation - 0.9.jar
spring - orm - 3.0.5.RELEASE.jar
spring - security - acl - 2.0.4.jar
spring - security - core - 2.0.4.jar
spring - security - core - tiger - 2.0.4.jar
spring - security - taglibs - 2.0.4.jar
spring - support - 2.0.8.jar
spring - test - 3.0.5.RELEASE.jar
spring - tx - 3.0.5.RELEASE.jar
spring - web - 3.0.5.RELEASE.jar
spring - webmvc - 3.0.5.RELEASE.jar
standard - 1.1.2.jar
stax - api - 1.0.1.jar
stringtemplate - 3.1 - b1.jar
twitter4j - core - 2.1.3.jar

unoil - 2.3.0.jar

xmlbeans - 2.3.0.jar

xmlworker - 5.5.6.jar

3.6. **WEB - INF/lib**

lib

.

xercesImpl - 2.10.0.jar

xml - apis - 1.3.04.jar

3.7. **WEB - INF/classes**

4. – 가

4.1. application Deployment Descriptor 가

4.2. Web Deployment Descriptor 가

4.2.1. ibm - web - bnd.xmi

ibm - web - bnd.xmi session timeout WEB - INF/web.xml <session - config/> 가 .

WEB - INF\ibm - web - bnd.xmi

```
<?xml version="1.0" encoding="UTF - 8"?>
<com.ibm.ejs.models.base.bindings.webappbnd:WebAppBinding xmi:version="2.0"
xmlns:xmi="http://www.omg.org/XMI"
xmlns:com.ibm.ejs.models.base.bindings.webappbnd="webappbnd.xmi"
xmi:id="WebAppBinding_1483424033894" virtualHostName="ap_asset_kr_2016">
  <webapp href="WEB - INF/web.xml#WebApp_ID"/>
</com.ibm.ejs.models.base.bindings.webappbnd:WebAppBinding>
```

4.2.2. jboss - web.xml

WEB - INF\jboss - web.xml

```
<?xml version="1.0" encoding="UTF - 8"?>
<!DOCTYPE jboss - web PUBLIC " - //JBoss//DTD J2EE Application 5.0//EN"
"http://www.jboss.org/j2ee/dtd/jboss - web_5_0.dtd">
<jboss - web>
  <class - loading java2ClassLoadingCompliance="false">
    <loader - repository>
      com.athena.chameleon:loader=ASSET_MOB
      <loader - repository - config>java2ParentDelegation=false</loader -
repository - config>
    </loader - repository>
  </class - loading>
</jboss - web>
```

4.2.3. ibm - web - ext.xmi

ibm - web - ext.xmi session timeout WEB -

INF/web.xml

<session - config/>

가

.

WEB - INF\ibm - web - ext.xmi

```

<?xml version="1.0" encoding="UTF - 8"?>
<com.ibm.ejs.models.base.extensions.webappext:WebAppExtension
xmi:version="2.0" xmlns:xmi="http://www.omg.org/XMI"
xmlns:com.ibm.ejs.models.base.extensions.webappext="webappext.xmi"
xmi:id="WebAppExtension_1483424033894">
  <webApp href="WEB - INF/web.xml#WebApp_ID"/>
  <jspAttributes xmi:id="JSPAttribute_1483424033894" name="reloadEnabled"
value="true"/>
  <jspAttributes xmi:id="JSPAttribute_1483424033895" name="reloadInterval"
value="10"/>
</com.ibm.ejs.models.base.extensions.webappext:WebAppExtension>

```

WEB - INF\jboss - web.xml

4.3. EJB Deployment Descriptor 가

EJB 2.x EJB Deployment Descriptor가 .

ejb - jar.xml EJB Deployment Descriptor , WAS Descriptor

WebLogic weblogic - ejb - jar.xml JNDI .

JBoss jboss.xml .

5. Tomcat

Tomcat
Tomcat JBoss EWS(Enterprise Web Server), Tomcat

5.1. Tomcat

URL tomcat

- Download URL : <http://tomcat.apache.org/download-60.cgi>
- Version : 6.0.35

Tomcat 6 Downloads

Welcome to the Tomcat 6.x download page. This page provides download links for obtaining the latest version of Tomcat 6.

Quick Navigation

[KEYS](#) | [6.0.35](#) | [Browse](#) | [Archives](#)

Release Integrity

You **must** verify the integrity of the downloaded files. We provide OpenPGP signatures for every release file. This signature keys of Tomcat's Release Managers. We also provide an MD5 checksum for every release file. After you download the file, is the same as ours.

Mirrors

You are currently using <http://apache.mirror.cdnetworks.com/>. If you encounter a problem with this mirror, please select the end of the mirrors list that should be available.

Other mirrors:

6.0.35

Please see the [README](#) file for packaging information. It explains what every distribution contains.

Binary Distributions

- Core:
 - [zip \(pgp, md5\)](#)
 - [tar.gz \(pgp, md5\)](#)
 - [32-bit Windows zip \(pgp, md5\)](#)
 - [64-bit Windows zip \(pgp, md5\)](#)
 - [64-bit Itanium Windows zip \(pgp, md5\)](#)
 - [32-bit/64-bit Windows Service Installer \(pgp, md5\)](#)
- Deployer:
 - [zip \(pgp, md5\)](#)
 - [tar.gz \(pgp, md5\)](#)

Source Code Distributions

- [tar.gz \(pgp, md5\)](#)
- [zip \(pgp, md5\)](#)

5.2.

Tomcat
Tomcat

```
$ cd Downloads
$ unzip apache - tomcat - 6.0.35.zip
$ mv apache - tomcat - 6.0.35 /platform/tomcat
```

```
$ chown -R tomcat:tomcat /platform/tomcat/  
$ cd /platform/tomcat/bin  
$ chmod +x *.sh  
$ ls -al
```

5.3. Tomcat

Tomcat 가 ,
가 .

5.3.1. env.sh

```
#!/bin/bash  
# ***** Warning *****  
# *  
# * This configuration is property of OPEN SOURCE CONSULTING, INC. *  
# * Don't distribute this to other project. *  
# *  
# * Contact jchoi@osci.kr(http://www.osci.kr) *  
# *****  
  
# This is tomcat env.sh for iosp by Open Source Consulting, Inc  
  
## Set Tomcat base env  
export JAVA_HOME=/opt/java1.6  
export SERVER_NAME=template  
export CATALINA_HOME=/platform/tomcat  
export CATALINA_BASE=/platform/servers/$SERVER_NAME  
  
## Set Port Configuration  
#####  
# Default Ports are as below #  
# HTTP_PORT : 8080#  
# SSL_PORT : 8443#  
# SHUTDOWN_PORT : 8005 #  
#####  
export HTTP_PORT=8180  
export AJP_PORT=8109  
export SSL_PORT=8543  
export SHUTDOWN_PORT=8105  
  
export COMP_USER=root
```

```
if [ "x$JAVA_OPTS" = "x" ]; then
    JAVA_OPTS=" - server"
    JAVA_OPTS="$JAVA_OPTS - Dserver=$SERVER_NAME"
    JAVA_OPTS="$JAVA_OPTS - Dhttp.port=$HTTP_PORT"
    JAVA_OPTS="$JAVA_OPTS - Dajp.port=$AJP_PORT"
    JAVA_OPTS="$JAVA_OPTS - Dssl.port=$SSL_PORT"
    JAVA_OPTS="$JAVA_OPTS - Dshutdown.port=$SHUTDOWN_PORT"

    # JAVA_OPTS="$JAVA_OPTS - noverify"
    JAVA_OPTS="$JAVA_OPTS - Xms512m"
    JAVA_OPTS="$JAVA_OPTS - Xmx512m"
    JAVA_OPTS="$JAVA_OPTS - XX:PermSize=256m"
    JAVA_OPTS="$JAVA_OPTS - XX:MaxPermSize=256m"
    # JAVA_OPTS="$JAVA_OPTS - Xss128k"

    JAVA_OPTS="$JAVA_OPTS - verbose:gc"
    JAVA_OPTS="$JAVA_OPTS - Xloggc:/platform/logs/$SERVER_NAME/gc.log"
    JAVA_OPTS="$JAVA_OPTS - XX: +PrintGCDetails"
    JAVA_OPTS="$JAVA_OPTS - XX: +PrintGCTimeStamps"
    JAVA_OPTS="$JAVA_OPTS - XX: +PrintHeapAtGC"
    JAVA_OPTS="$JAVA_OPTS - XX: +HeapDumpOnOutOfMemoryError"
    JAVA_OPTS="$JAVA_OPTS -
XX:HeapDumpPath=/platform/logs/$SERVER_NAME/java_pid.hprof"

    # JAVA_OPTS="$JAVA_OPTS - Dcom.sun.management.jmxremote"
    # JAVA_OPTS="$JAVA_OPTS - Dcom.sun.management.jmxremote.port=8186"
    # JAVA_OPTS="$JAVA_OPTS - Dcom.sun.management.jmxremote.ssl=false"
    # JAVA_OPTS="$JAVA_OPTS -
Dcom.sun.management.jmxremote.authenticate=false"

    JAVA_OPTS="$JAVA_OPTS - Djava.net.preferIPv4Stack=true"
    JAVA_OPTS="$JAVA_OPTS - Dsun.rmi.dgc.client.gcInterval=3600000"
    JAVA_OPTS="$JAVA_OPTS - Dsun.rmi.dgc.server.gcInterval=3600000"
    JAVA_OPTS="$JAVA_OPTS - Dsun.lang.ClassLoader.allowArraySyntax=true "
fi

export JAVA_OPTS

echo
"===== "
echo "CATALINA_HOME=$CATALINA_HOME"
echo "SERVER_HOME=$CATALINA_BASE"
```

```
echo  
"=====
```

5.3.2. start.sh

```
#!/bin/bash  
. ./env.sh  
  
DATE=`date +%Y%m%d%H%M%S`  
  
# -----  
PID=`ps -ef | grep java | grep "=$SERVER_NAME" | awk '{print $2}`  
echo $PID  
  
if [ e$PID != "e" ]  
then  
echo "Tomcat ($SERVER_NAME) is already RUNNING..."  
exit;  
fi  
  
# -----  
UNAME=`id -u -n`  
if [ e$UNAME != "e$COMP_USER" ]  
then  
echo "$COMP_USER USER to start this SERVER! - $SERVER_NAME..."  
exit;  
fi  
  
# -----  
  
mv $CATALINA_BASE/logs/$SERVER_NAME.out  
$CATALINA_BASE/logs/$SERVER_NAME.$DATE  
mv $CATALINA_BASE/logs/gc.log $CATALINA_BASE/logs/gc.log.$DATE  
  
nohup $CATALINA_HOME/bin/catalina.sh run >>  
$CATALINA_BASE/logs/$SERVER_NAME.out 2>&1 &  
  
# -----  
if [ e$1 = "enotail" ]  
then  
echo "Starting... $SERVER_NAME"  
exit;  
fi  
  
# -----
```



```
$CATALINA_BASE/tail.sh
```

5.3.3. stop.sh

```
#!/bin/bash
. ./env.sh

$CATALINA_HOME/bin/shutdown.sh
```

5.3.4. kill.sh

```
#!/bin/bash
. ./env.sh

ps -ef | grep java | grep "server=$SERVER_NAME" | awk {'print "kill -9 " $2'} | sh -x
```

5.3.5. tail.sh

```
#!/bin/bash
. ./env.sh

tail - 200f $CATALINA_BASE/logs/$SERVER_NAME.out
```

Note.

5.4. Tomcat

```
Tomcat          tomcat      가          webapps
      .          war      webapps      ,          (exploded)
```

6.

Prepared by _____
Red Hat Certified Engineer, Open Source Consulting, Inc.

Approved by _____
Project Manager

7. APPENDICES

7.1. Document Guidelines

<https://www.jboss.org/community/wiki/jbossapplicationserverofficialdocumentationpage>

7.2. Project Migration Report Sections Omitted