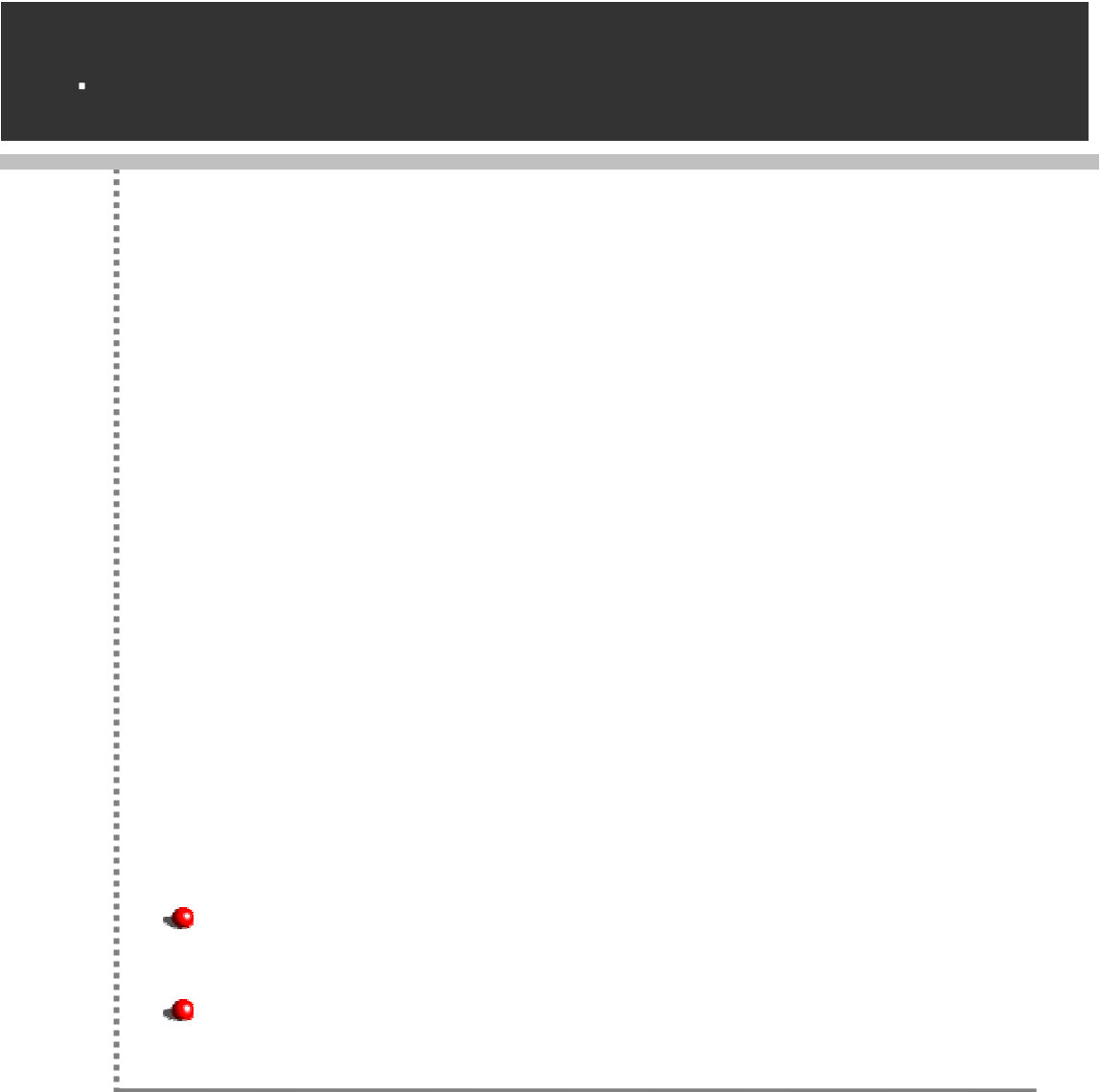
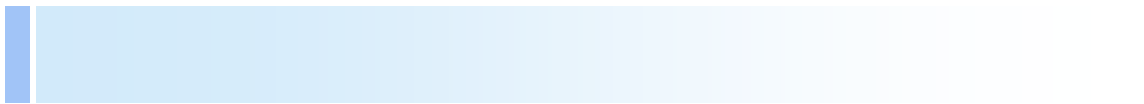
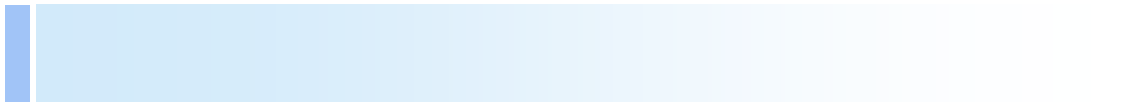


.	.....	2
	.....	3
	.....	3
.	.....	5
	.....	6
	.....	8
	.....	9
	.....	9
	.....	12
	.....	27
.	Shell Command	35

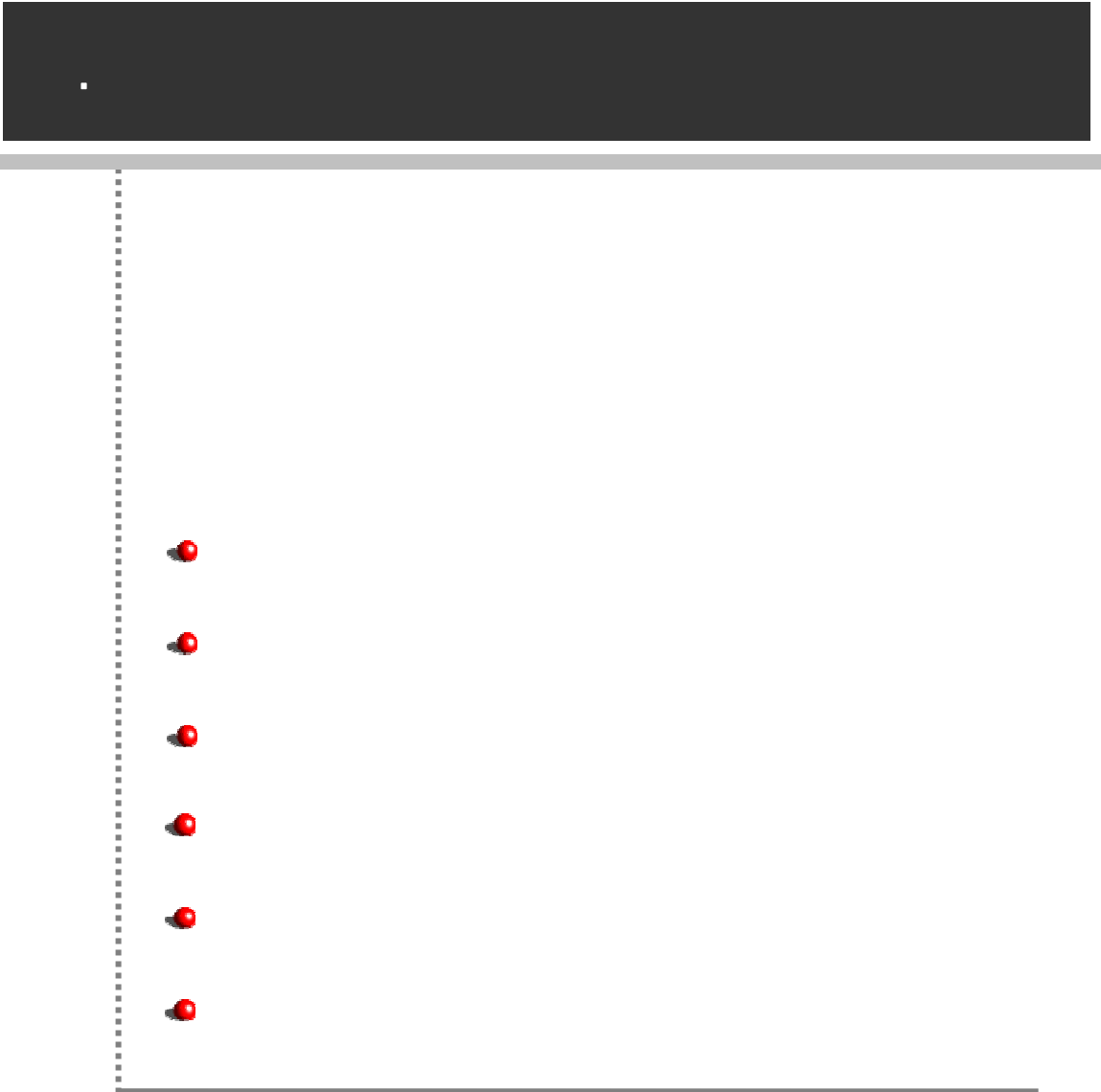




가

Manual	Description
Getting Started	
가	
가	
Getting Started	
가	
가	
가	

가	가 , , .
API	API, UDS, USL, API API
가	.
	.



■

HTML

■

가

■

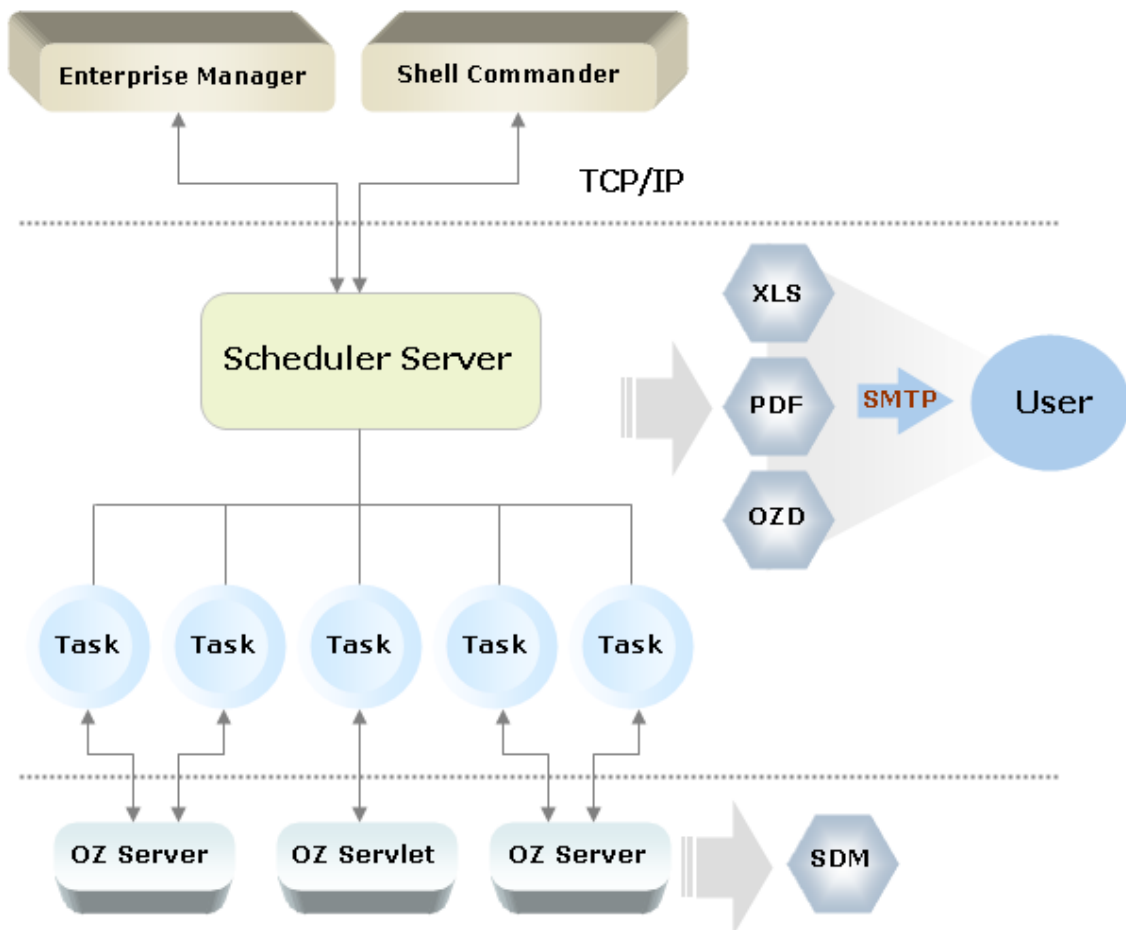
(To:, Cc:, Bcc:) SMTP

■

- Command Line

- GUI

- API - 3rd party API



OS

Windows NT 4.0 , Windows 2000, Windows XP, Windows 2003

Sun JRE 1.3

bin	commander.bat	Shell Commander
	commander.sh	
	ozencrypted.bat	ID
	OZServerInstallService.bat	NT
	OZServerUninstallService.bat	NT
	OZServiceSV.exe	Service
	scheduler.bat	
	scheduler.sh	
	scscheduler.ico	ico
	scheduler_stop.bat	
	scheduler_stop.sh	
	user.cif	NONE

conf	ozscheduler.properties	
	scheduler_server.properties	
	scheduler_server_log.properties	
	TaskHoliday.xml	
expand	SchedulerCOM.dll	(COM API ASP)
	OZSchedulerCOM.asp	COM ASP
external		
lib	activation.jar	
	log4j.jar	
	mail.jar	
	ozsfw51.jar	(,)
	jcet.jar	J2EE (HTTPS/SSL) JRE 1.3.X
	jnet.jar	
	jsse.jar	
	crimson.jar	xml
	parser.jar	
	xerces.jar	
	OZUSLClientSession.jar	USL
	OZUSLServerDES128.jar	
	NTEventLogAppender.dll	Windows NT DLL
	OZServiceBootstrap.jar	NT
	icu4j_2_8.jar	,
license	ozlicense.xml	
logs	OZSchedulerMainLog.log	
repository		
ScheduledTask		
TempRepository	ozd, excel, pdf, html	
viewer	ozcreport.dll	
	ozcviewer.exe	exe

	OZForVista.dll		Windows Vista
	ozxlswriter.dll		
	ozjpdf417.dll		2
	ozpdfwriter.dll		PDF
	ozppt.dll		PPT
	unicows.dll		Microsoft Layer of Unicode
	OZUSLClientDes128.dll		USL
	OZUSLClientSession.dll		
	res	charters_ _ 가 .xml	)charters_ko_kr.xml
		ozlang_ _ 가 .dll	)ozland_ko_kr.dll
		viewer_error_m sg_ _ 가 .xml	)viewer_error_msg_ko_kr.xml
		viewer_server_e rror_msg_ _ 가 .xml	)viewer_server_error_msg_ko_kr.x ml

■ scheduler.bat / scheduler.sh

scheduler.bat/scheduler.sh

(OZSCHEDULER_HOME), JRE (JAVA_HOME)

- scheduler.bat

```
@echo off
rem -----
rem
rem      OZ Sscheduler Start-up File
rem
rem This batch file written and tested under Windows 2000
rem check your path indicate <JAVA_HOME>\bin
rem
rem -----

rem -----
rem      OZ Scheduler Home
rem -----
set OZSCHEDULER_HOME=..\

rem -----
rem      JDK Path
rem -----
set JAVA_HOME=..\..\jre

if not "%OZSCHEDULER_HOME%" == "" goto start
echo Unable to determine the value of OZSCHEDULER_HOME.
goto eof

:start

set OZSchLib=%OZSCHEDULER_HOME%\lib\ozsfw51.jar
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\conf
```

```
rem -----
rem      Library for HTTPS/SSL
rem -----
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\jcert.jar
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\jnet.jar
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\jsse.jar

rem -----
rem      Library for Logging
rem -----
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\log4j.jar

rem -----
rem      Library for XML Parsing
rem -----
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\crimson.jar
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\parser.jar
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\xerces.jar

rem -----
rem      Library for Mailing
rem -----
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\mail.jar
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\activation.jar

rem -----
rem      USL Jar for USL
rem -----
set
OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\OZUSLClientSession.jar
set
OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\OZUSLServerDES128.jar

rem -----
rem      NT Service Class
rem -----
set
OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\OZServiceBootstrap.jar

rem -----
rem      Library for Holiday Check
rem -----
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\icu4j_2_8.jar
```

```
echo Loading OZScheduler...

%JAVA_HOME%\bin\java -cp %OZSchLib%
oz.scheduler.main.OZScheduler %1 %2

:eof
```

- scheduler.sh

```
#!/bin/bash
# -----
#
#           OZ Sscheduler Start-up File
#
# This batch file written and tested under Windows 2000
# check your path indicate <JAVA_HOME>/bin
#
# -----

# -----
#           OZ Scheduler Home
# -----
OZSCHEDULER_HOME=../

# -----
#           JDK Path
# -----
JAVA_HOME=/usr/local/jdk1.3.1_02

if [ "$OZSCHEDULER_HOME" != "" ]; then

OZSchLib=$OZSCHEDULER_HOME/conf
OZSchLib=$OZSchLib:$OZSCHEDULER_HOME/lib/ozsfw51.jar

# -----
#           Library for HTTPS/SSL
# -----
OZSchLib=$OZSchLib:$OZSCHEDULER_HOME/lib/jcert.jar
OZSchLib=$OZSchLib:$OZSCHEDULER_HOME/lib/jnet.jar
OZSchLib=$OZSchLib:$OZSCHEDULER_HOME/lib/jsse.jar
```

```
# -----
#      Library for Logging
# -----

OZSchLib=$OZSchLib:$OZSCHEDULER_HOME/lib/log4j.jar

# -----
#      Library for XML Parsing
# -----
OZSchLib=$OZSchLib:$OZSCHEDULER_HOME/lib/crimson.jar
OZSchLib=$OZSchLib:$OZSCHEDULER_HOME/lib/parser.jar
OZSchLib=$OZSchLib:$OZSCHEDULER_HOME/lib/xerces.jar

# -----
#      Library for Mailing
# -----

OZSchLib=$OZSchLib:$OZSCHEDULER_HOME/lib/mail.jar
OZSchLib=$OZSchLib:$OZSCHEDULER_HOME/lib/activation.jar

# -----
#      USL Jar for USL
# -----
OZSchLib=$OZSchLib:$OZSCHEDULER_HOME/lib/OZUSLClientSession.jar
OZSchLib=$OZSchLib:$OZSCHEDULER_HOME/lib/OZUSLServerDES128.jar

# -----
#      Library for Holiday Check
# -----

OZSchLib=$OZSchLib:$OZSCHEDULER_HOME/lib/icu4j_2_8.jar

echo Loading OZScheduler...

$JAVA_HOME/bin/java -cp $OZSchLib oz.scheduler.main.OZScheduler $1
$2

else
echo Unable to determine the value of OZSCHEDULER_HOME.
fi
```

■ **commander.bat/commander.sh**

commander.bat/commander.sh

commander

" Shell Command"

- commander.bat

```
@echo off
rem -----
rem
rem          OZ Scheduler Commander Start-up File
rem
rem This batch file written and tested under Windows 2000
rem check your path indicate <JAVA_HOME>\bin
rem
rem -----

rem -----
rem          OZ Scheduler Home
rem -----
set OZSCHEDULER_HOME=..\

rem -----
rem          JDK Path
rem -----
set JAVA_HOME=..\..\jre

if not "%OZSCHEDULER_HOME%" == "" goto start
echo Unable to determine the value of OZSCHEDULER_HOME.
goto eof

:start

set OZSchLib=%OZSCHEDULER_HOME%\conf
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\ozsfw51.jar

rem -----
rem          Library for HTTPS/SSL
rem -----
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\jcert.jar
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\jnet.jar
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\jsse.jar

rem -----
rem          Library for Logging
rem -----
```

```
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\log4j.jar

rem -----
rem      Library for XML Parsing
rem -----
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\crimson.jar
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\parser.jar
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\xerces.jar

rem -----
rem      Library for Mailing
rem -----
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\mail.jar
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\activation.jar

rem -----
rem      USL Jar for USL
rem -----
set
OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\OZUSLClientSession.jar
set
OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\OZUSLServerDES128.jar

rem -----
rem      Library for Holiday Check
rem -----

set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\icu4j_2_8.jar

%JAVA_HOME%\bin\java -classpath %OZSchLib%
oz.admin.shell.scheduler.Command %1 %2 %3 %4 %5 %6 %7 %8 %9
```

- commander.sh

```
#!/bin/bash
# -----
#
#      OZ Scheduler Commander Start-up File
#
# This batch file written and tested under Windows 2000
# check your path indicate <JAVA_HOME>/bin
#
# -----
# -----
```

```
#      OZ Scheduler Home
# -----
OZSCHEDULER_HOME=../

# -----
#      JDK Path
# -----
JAVA_HOME=/usr/local/jdk1.3.1_02

if [ "$OZSCHEDULER_HOME" != "" ]; then

OZSchLib=$OZSCHEDULER_HOME/conf
OZSchLib=$OZSchLib:$OZSCHEDULER_HOME/lib/ozsfw51.jar

# -----
#      Library for HTTPS/SSL
# -----
OZSchLib=$OZSchLib:$OZSCHEDULER_HOME/lib/jcert.jar
OZSchLib=$OZSchLib:$OZSCHEDULER_HOME/lib/jnet.jar
OZSchLib=$OZSchLib:$OZSCHEDULER_HOME/lib/jsse.jar

# -----
#      Library for Logging
# -----

OZSchLib=$OZSchLib:$OZSCHEDULER_HOME/lib/log4j.jar

# -----
#      Library for XML Parsing
# -----
OZSchLib=$OZSchLib:$OZSCHEDULER_HOME/lib/crimson.jar
OZSchLib=$OZSchLib:$OZSCHEDULER_HOME/lib/parser.jar
OZSchLib=$OZSchLib:$OZSCHEDULER_HOME/lib/xerces.jar

# -----
#      Library for Mailing
# -----

OZSchLib=$OZSchLib:$OZSCHEDULER_HOME/lib/mail.jar
OZSchLib=$OZSchLib:$OZSCHEDULER_HOME/lib/activation.jar

# -----
#      USL Jar for USL
```

```
# -----
OZSchLib=$OZSchLib:$OZSCHEDULER_HOME/lib/OZUSLClientSession.jar
OZSchLib=$OZSchLib:$OZSCHEDULER_HOME/lib/OZUSLServerDES128.jar

# -----
#      Library for Holiday Check
# -----

OZSchLib=$OZSchLib:$OZSCHEDULER_HOME/lib/icu4j_2_8.jar

$JAVAHOME/bin/java -cp $OZSCLib oz.admin.shell.scheduler.Command $1
$2 $3 $4 $5 $6 $7 $8 $9
else
echo Unable to determine the value of OZSCHEDULER_HOME.
fi
```

■ ozscheduler.properties

가

```
path.oz.scheduler.home=..
SchedulerPort=9521

path.scheduler.file=%SCH_HOME%/conf/scheduler_server.properties
path.scheduler.license=%SCH_HOME%/license/ozlicense.xml
path.scheduler_log.file=%SCH_HOME%/conf/scheduler_server_log.properties
path.taskholiday.file=%SCH_HOME%/conf/TaskHoliday.xml
```

path.oz.scheduler.home	가
SchedulerPort	가 (: 9521)
path.scheduler.file	
path.scheduler.license	
path.scheduler_log.file	
path.taskholiday.file	

■ scheduler_server.properties

```

###
###   ozschedluer_server.Properties Infomation
###   Last Modified : TUE sep 09 10:04:03 KST 2008
###

ErrorNotifyToSender=false
ExternalProgramFilePath=%SCH_HOME%/External
MailFrom=
RepositoryFileRootPath=%SCH_HOME%/Repository/
EnableSSL=false
PrefixSubjectMessage=
SMTPServer=mail.forcs.com
SMTPServerPort=25
SMTPUserID=
SMTPUserPassword=
#SMTPUserID_encrypted=
#SMTPUserPassword_encrypted=
SchedulingInfoFilePath=%SCH_HOME%/ScheduledTask
TempRepositoryFilePath=%SCH_HOME%/TempRepository

#ViewType=NONE - ozd export only for Unix System
ViewType=ActiveX

ViewConcurrentCount=n
#ViewerTimeout=

#MailSendRetryCount=1
#MailSendRetryPeriodTime=30
TaskHoliday=false

###   End.

```

ErrorNotifyToSender	가 (: false)
ExternalProgramFilePath	Export
MailFrom	

RepositoryFileRootPath		
EnableSSL	SSL (: false) : jre1.4.2_12	
PrefixSubjectMessage		
SMTPServer	SMTP	
SMTPServerPort	SMTP	
SMTPUserID	SMTP ID : SMTP	
SMTPUserPassword	SMTP ID : SMTP	
SMTPUserID_encrypted	SMTP ID : SMTP ID ID ID ID	
SMTPUserPassword_encrypted	SMTP ID : SMTP	
SchedulingInfoFilePath	(*.ozs) (: SchedulerHome/ScheduledTask)	
TempRepositoryFilePath		
ViewType	:	
	ActiveX	ActiveX ()
	NONE	: "NONE" OZD

ViewConcurrentCount	(: n) n32,767 58 5가3가 : ViewType "ActiveX" "NONE"
ViewerTimeout	가 (:) ■ ■ 0 0 :
MailSendRetryCount	(: 0) 0 ~ 32767 : 가
MailSendRetryPeriodTime	(: 30)
TaskHoliday	(: false)

■ scheduler_server_log.properties

```
#-----  
# configuraion of OZ logging system  
#-----  
#  
# Set Prioritylog level
```

```
#
# DEBUG, INFO, ERROR
Priority=DEBUG

# Viewer Parameter Information file (.param)
# value is false : leave .param
files %OZScheduler_HOME%/TempRepository
REMOVE_PARAM_FILE=false

# appender CONSOLE
#
#
CONSOLE.Type=Stdout
CONSOLE.Layout=%r [%t] %p %c{1} %x - %m%n
CONSOLE.Async=true
#
# appender ROLLING_FILE
#
ROLLING_FILE.Type=RollingFile
ROLLING_FILE.Layout=%d{ISO8601} [%t] %-5p %c{1} %x - %m%n
ROLLING_FILE.File=%SCH_HOME%/logs/OZSchedulerMainLog.log
ROLLING_FILE.Append=true
ROLLING_FILE.MaxBackupIndex=5
ROLLING_FILE.MaxFileSize=1MB
ROLLING_FILE.ImmediateFlush=true
#
# appender NT Event
#
#NT_EVENT.Type=NTEvent
#NT_EVENT.Layout=%r %p %c{1} - %m%n
#NT_EVENT.Threshold=ERROR
#
# appender syslog
#
#SYSLOG.Type=Syslog
#SYSLOG.Layout=[OZ] %r %p %c{1} - %m
#SYSLOG.Threshold=ERROR
#SYSLOG.SyslogHost=127.0.0.1
#SYSLOG.Facility=USER
#SYSLOG.FacilityPrinting=false
#
# appender Scheduler Task result log
#
ResultLog.MaxBackupIndex=3
```

```
ResultLog.MaxFileSize=500KB

MONITOR.Active=false
MONITOR.File=%SCH_HOME%/logs/monitor.log
MONITOR.Append=true
MONITOR.MaxBackupIndex=5
MONITOR.MaxFileSize=1MB
MONITOR.ImmediateFlush=true
MONITOR.point=REQ, EXE, END
```

가

Remove_Param_File		.param (: true)
	true	/
	false	.param .param
ResultLog.MaxBackupIndex	Backup 가 가	
ResultLog.MaxFileSize		

■ TaskHoliday.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<TASK-HOLIDAY-ROOT>
<TASK-HOLIDAY name=" " baseday="yyyy-01-01" type="solar"
start="0" end="0" />
<TASK-HOLIDAY name=" " baseday="yyyy-01-01" type="lunar"
start="1" end="1" />
<TASK-HOLIDAY name="31 " baseday="yyyy-03-01" type="solar"
start="0" end="0" />
```

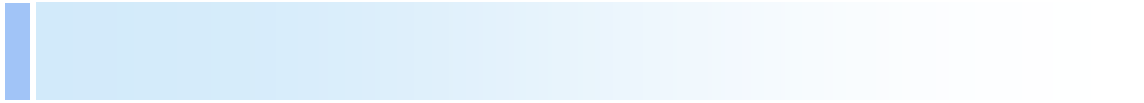
```

<TASK-HOLIDAY name="          " baseday="yyyy-05-01" type="solar"
start="0" end="0" />
<TASK-HOLIDAY name="          " baseday="yyyy-05-05" type="solar"
start="0" end="0" />
<TASK-HOLIDAY name="가" baseday="yyyy-04-08" type="lunar"
start="0" end="0" />
<TASK-HOLIDAY name="          " baseday="yyyy-06-06" type="solar"
start="0" end="0" />
<TASK-HOLIDAY name="          " baseday="yyyy-08-15" type="solar"
start="0" end="0" />
<TASK-HOLIDAY name="          " baseday="yyyy-08-15" type="lunar"
start="1" end="1" />
<TASK-HOLIDAY name="          " baseday="yyyy-10-03" type="solar"
start="0" end="0" />
<TASK-HOLIDAY name="          " baseday="yyyy-12-25" type="solar"
start="0" end="0" />
<TASK-HOLIDAYGROUP name="Group1">
  <ITEM ref="          " />
  <ITEM ref="          " />
  <ITEM ref="31          " />
  <ITEM ref="          " />
  <ITEM ref="가          " />
  <ITEM ref="가          " />
  <ITEM ref="          " />
  <ITEM ref="          " />
  <ITEM ref="          " />
  <ITEM ref="          " />
</TASK-HOLIDAYGROUP>
<TASK-HOLIDAYGROUP name="Group2">
  <ITEM ref="          " />
  <ITEM ref="          " />
</TASK-HOLIDAYGROUP>
</TASK-HOLIDAY-ROOT>

```

TASK-HOLIDAY		
	name	" , " : TASK-HOLIDAYGROUP name

	baseday	: ■ yyyy-MM-dd : ■ yyyy-MM-01 : 1 ■ yyyy-01-01 : 1 1 ■ 2007-01-01 : 2007 1 1	
	type		
		solar	
		lunar	
	start	"baseday" (: 0)"baseday"가 2007-08-15"start" "1" 2007 0814.	
end	"baseday" (: 0)"baseday"가 2007-08-15"end" "1" 2007 0816.		
TASK-HOLIDAYGROUP			
	name	"," 가. : TASK-HOLIDAY name	
TASK-HOLIDAYGROUP_ITEM	Task-HOLIDAYGROUP		
	ref	:	



ozlicense.xml

가

License

IP

가

IP

	bin	scheduler.bat	,
	scheduler_stop.bat	.	
UNIX	bin	scheduler.sh	,
	scheduler_stop.sh	.	

: 64 가



- JAVA

Classpath가

```
NT {
    } \bin\OZSchedulerInstallService.bat
    {
        } \bin\OZSchedulerUninstallService.bat
```

- OZSchedulerInstallService.bat

```
@echo off
rem -----
rem OZScheduler Service Install Register Batch File
rem -----

rem -----
rem JRE Path
rem
rem rem ex) set JRE_PATH=C:\Program Files\Forcs\OZ Xstudio
5.1\jre\bin\hotspot\jvm.dll
rem -----
set JRE_PATH=

rem -----
rem OZ Scheduler Home
rem
rem ex) set OZSCHEDULER_HOME_BIN=C:\Program Files\Forcs\OZ
Xstudio 5.1\OZ Scheduler 5.1\bin
rem -----
set OZSCHEDULER_HOME=..\
set OZSCHEDULER_HOME_BIN=

set MAX_MEMORY=256
set MIN_MEMORY=128

rem JAVA option delemter is ;
set JAVA_OPTION=

if not "%OZSCHEDULER_HOME%" == "" goto start
```

```
echo Unable to determine the value of OZSCHEDULER_HOME.
goto eof

if not "%OZSCHEDULER_HOME_BIN%" == "" goto start
echo Unable to determine the absolute path value of
OZSCHEDULER_HOME_BIN.
goto eof

if not "%JRE_PATH%" == "" goto start
echo Unable to determine the absolute path value of JRE_PATH
goto eof

:start

set OZSchLib=%OZSCHEDULER_HOME%\lib\ozsfw51.jar
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\conf

rem -----
rem      OZ Service BootStrap
rem -----
set
OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\OZServiceBootstrap.j
ar

rem -----
rem      Library for HTTPS/SSL
rem -----
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\jnet.jar
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\jsse.jar

rem -----
rem      Library for Logging
rem -----
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\log4j.jar

rem -----
rem      Library for XML Parsing
rem -----
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\crimson.jar
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\parser.jar
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\xerces.jar

rem -----
```

```

rem      Library for Mailing
rem -----
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\mail.jar
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\activation.jar

rem -----
rem      USL Jar for USL
rem -----
set
OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\OZUSLClientSession.j
ar
set
OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\OZUSLServerDES128.ja
r

rem -----
rem      Library for Holiday Check
rem -----

set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\icu4j_2_8.jar

OZServiceSC.exe //IS//OZScheduler --DisplayName="OZScheduler" -
-Description="OZScheduler" --StartPath="%OZSCHEDULER_HOME_BIN%"
--StopPath="%OZSCHEDULER_HOME_BIN%" --Classpath="%OZSchLib%" --
Jvm="%JRE_PATH%" --JvmOptions="-Xmixed" --
JavaOptions="%JAVA_OPTION%" --JvmMs="%MIN_MEMORY%" --
JvmMx="%MAX_MEMORY%" --StartMode=jvm --StopMode=jvm --
StartClass=oz.server.OZServiceBootstrap --
StartParams=OZSchedulerStart --
StopClass=oz.server.OZServiceBootstrap --
StopParams=OZSchedulerStop --LogPath="%OZSCHEDULER_HOME_BIN%" -
-LogLevel=DEBUG

:eof

```

--Description	가	(1024 .)
--DisplayName	가	(: OZScheduler) : .

--Startup	가	Manual	. ()
		Auto	.
--Jvm		가 "jvm.dll" :) --Jvm="C:\j2sdk1.4.2_12\jre\bin\client\jvm.dll"	
--JvmOptions	가	Jvm	(: -Xrs)
--Classpath			
--JvmMs	가	Initial Memory (: MB)	
--JvmMx	가	(: MB)	
--JvmSs	가	(: KB)	
--StartPath		:) --StartPath="C:/OZScheduler 4.0/bin"	
-StartClass		oz.server.OZService Bootstrap	
-StartParams		OZScheduler Start	) -StartParams =OZSchedulerStart
--StartMode		jvm	Jvm
--StopPath		:) --StopPath="C:/OZScheduler 4.0/ bin"	
-StopClass		oz.server.OZService Bootstrap	
-StopParams			

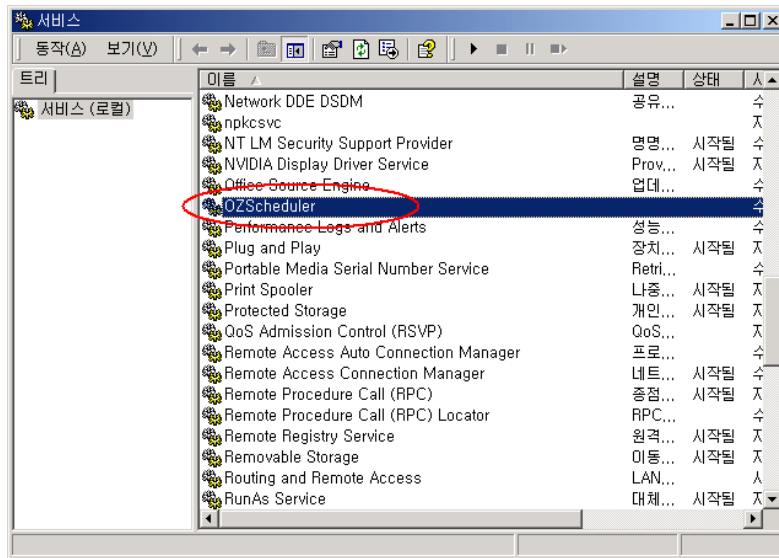
		OZScheduler Stop	) -- StopParams= OZSchedulerStop
--LogPath	가	: .) --LogPath="C:/OZScheduler 4.0 /bin"	
--LogPrefix	가	(: OZService)) 가 "OZ" "OZ_yyyyMMdd.log"	
--LogLevel	가		
		ERROR	log level log
		WARN	"ERROR" level log log
		INFO	"ERROR" level log log ()
		DEBUG	"ERROR", "INFO" level log log
--StdOutput	가	)--StdOutput="stdout.log"	
--StdError	가	)--StdOutput="stderr.log"	

- OZSchedulerUninstallService.bat
OZServiceSC.exe //DS//OZScheduler

```
{
    } \conf\ozscheduler.properties
    path.oz.scheduler.home
```

{ \bin\OZSchedulerInstallService.bat

가



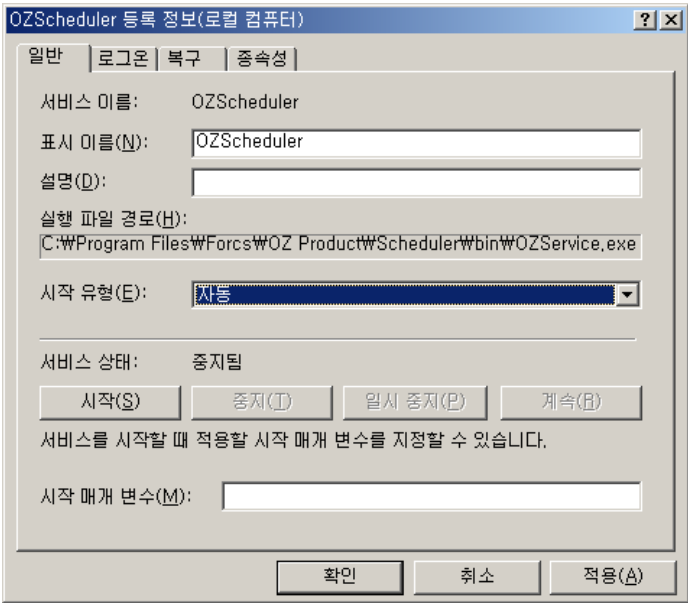
OZScheduler



OZSchedule

'OZScheduler

"



OZScheduler



} \bin\OZSchedulerUninstallService.bat

```

:
scheduler.bat
scheduler_stop.bat scheduler.bat
scheduler_stop.bat OZServiceSC.exe
```

Shell Command

Shell Command

Windows Command Line . GUI

- **Windows**
commander.bat
- commander [required-option] [selective-options]

가 .

- -editConfig .
-external .
-load .
-remove .
-list , Pause,
Resume .
-result .
-stop .

```
-published          Published file          .
-restart            .
-version            가
-log                .
```

■

```
-IP:<IP>            IP (      : 127.0.0.1)
-Port:<Port>        Port      (      : 9521)
-SIP:<IP>           IP (      : 127.0.0.1)
-SPort:<Port>       Port (      : 8003)
-SURL:<URL>         URL
-SID:<ID>            ID
-SPWD:<PWD>
-file:<FileName>
```

```
Port:9521
sip:127.0.0.1
SPort:8003
SID:admin
SPWD:admin
```

- /q Shell Commander .
- command .

Commands

■ Command

▪ -editConfig

▪ -load

OZS

▪ -remove

ID

▪ -list

Launch Type (W), (R), (P) 가 가

(W) : Waiting	
(R) : Running	
(P) : Scheduling Pausing	

Action

Action	
[D] : Download	Text -load
[E] : Eliminate	가 가
[P] : Pause	Pause 가 Pause 가 가
[R] : Resume	Pause Resume (=Waiting) 가 Resume 가

[L] : reload

- -result

(First Date, End Date, Task ID)

- -stop

: 가

- -published

Published File

'RepositoryFileRootPath'

[M] : Mkdir	
[R] : Rmdir	Published File
[C] : Chdir	
[G] : Get	

Action

Action	
[D] : Delete	
[L] : reload	

- -external

'ExternalProgramFilePath'

가 가

[M] : Mkdir	.
[R] : Rmdir	, Published File
[C] : Chdir	.
[G] : Get	, .
[P] : Put	.
[D] : Delete	.
[L] : reload	.

- -version

가

- -log

■ Thread Dump

- -threaddump

Thread Dump

Jre

1.5

가

Load

Commander

가

1:1

'_check'

'check'

. ('true' 가 .)

'mail_text_message='

가 "\\n" . ('\\' .)

■

```
*** Note that if you want to check a '...._check' field, you should
write in 'check' as a value (excluding quotation mark).
## Basic Information
report_name=parameter_test.ozr
category_name=/

## ID & Password of target OZ Server
server_id=admin
server_pwd=admin

## Information for Sending an Email
## If you want to specify two or more person recipients, you should
give comma separated sequence of addresses to recipient fields.
## If you want to insert a line separator in mail message, you should
write '\\n'.
mail_check=check
mail_recipient_to=user1@forcs.com, user2@forcs.com
mail_recipient_cc=user3@forcs.com
mail_recipient_bcc=user4@forcs.com
mail_subject=
mail_text_message=

## Parameters
parameter_count=4
parameter_name_1=[FORM].formparam
parameter_value_1=form1
parameter_name_2=[FORM].odiparam
parameter_value_2=form2
parameter_name_3=parameter_test.odiparam
parameter_value_3=odi1
parameter_name_4=parameter_test.odiparam2
parameter_value_4=odi2

## External Program
external_program_check=check
external_program_command=notepad.bat

## Schedule Time
## launch_type = immediately / once / periodically
```

```
launch_type=Periodically

## Once Execution
#execution_year=
#execution_month=
#execution_day=
#execution_hour=
#execution_min=

## Periodicaly Execution
#### Periodically Execution - Start Date Configuration
start_year=2005
start_month=1
start_day=3

#### Periodically Execution - Days Configuration
## periodically_execution_day_type = daily / weekly / monthly
periodically_execution_day_type=daily

#### Periodically Execution - Days Configuration - Daily
## daily_type = specific_day[daily_every_days] / weekday
daily_type=specific_day
daily_every_days=1

## Periodically Execution - Time Configuration
periodically_execution_time_type=user_defined

## Periodically Execution - Time Configuration - User_Defined
## user_defined_time = ex) 01:10, 04:50, 17:25 ... (in ascending
powers)
user_defined_time=11:40

## Data Module Server Store
dm_server_check=check
dm_server_name=parameter_test.sdm
odi_name_list=parameter_test.odi
odi_name_list_category=/
odi_name=parameter_test.odi
odi_category_name=/
odi_parameter_count=2
odi_parameter_name_1=odiparam
odi_parameter_value_1=sdm odi 1
odi_parameter_name_2=odiparam2
odi_parameter_value_2=sdm odi 2
```

```
file_export_list=pdf/ozd/html/jpg/xls/doc/svg/txt/ppt/tif/csv
## Excel Local Store
exparg.excel.filename=test.xls
## PDF File Store
exparg.pdf.filename=test.pdf
exparg.ozd.filename=test.ozd
exparg.html.filename=test.html
exparg.jpg.filename=test.jpg
exparg.word.filename=test.doc
exparg.svg.filename=test.svg
exparg.text.filename=test.txt
exparg.ppt.filename=test.ppt
exparg.tiff.filename=test.tif
exparg.csv.filename=test.csv
```