

.	.....	<b>3</b>
	.....	4
	.....	4
.	.....	<b>7</b>
	.....	8
	.....	10
	.....	11
	.....	11
	.....	14
	.....	25
.	<b>Shell Command</b> .....	<b>33</b>







가

Manual	Description
Getting Started	
가	
가	
Getting Started	
가	
가	
가	
가	가
가	

API	API, UDS, USL, API API
가	







가 ( )

- 
- 
- ( )
- 
- 가 가 API 가 가 "API" API 가 가
- 
- 가
- ( )
- ( )
-

HTML

■

가

■

(To: , Cc: , Bcc: ) SMTP

■

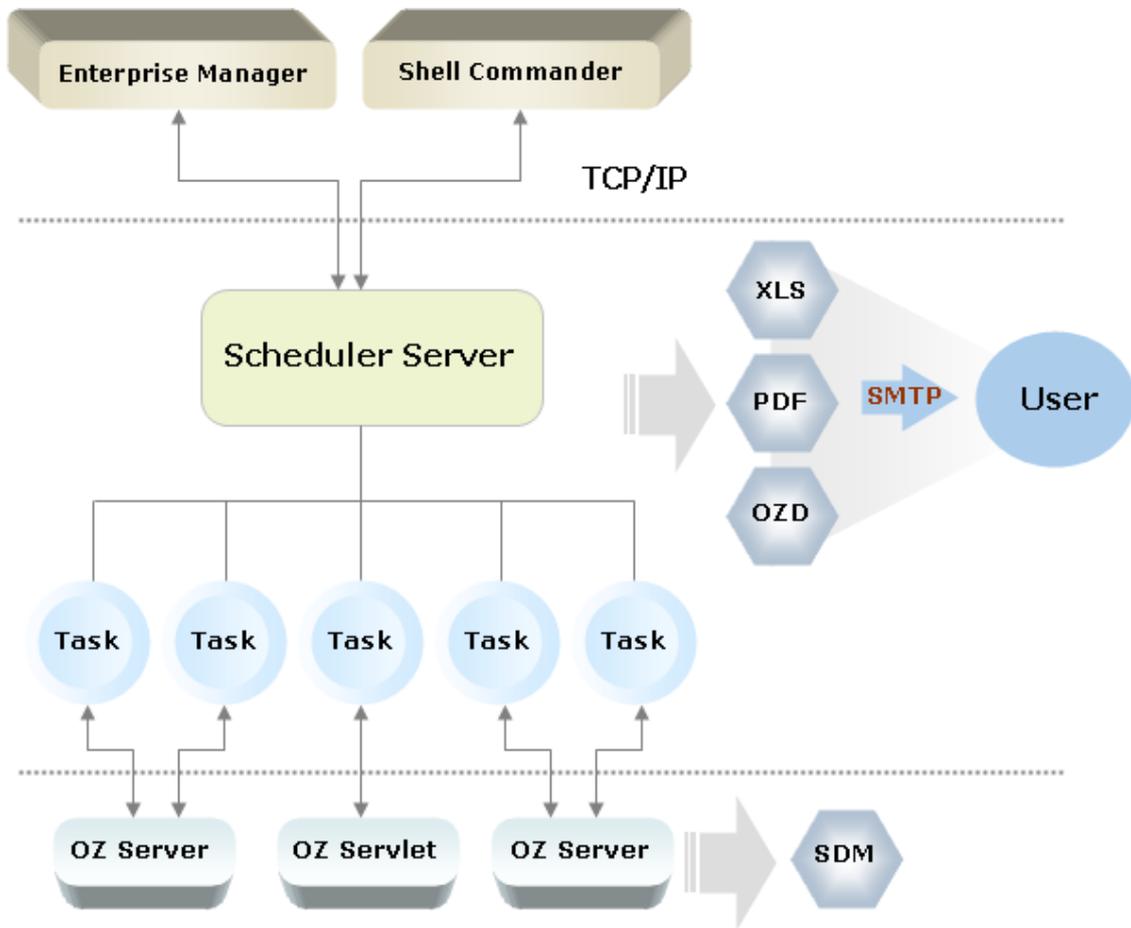
- Command Line

- 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	Service	NT
	OZServiceSV.exe		
	scheduler.bat		
	scheduler.sh		

	scscheduler.ico	ico
	scheduler_stop.bat	
	scheduler_stop.sh	
	user.cif	NONE
<b>conf</b>	ozscheduler.properties	
	scheduler_server.properties	
	scheduler_server_log.properties	
	TaskHoliday.xml	
<b>expand</b>	SchedulerCOM.dll	( COM API ASP )
<b>external</b>		
<b>lib</b>	activation.jar	
	log4j.jar	
	mail.jar	
	ozsfw50.jar	( , )
	jcrt.jar	J2EE (HTTPS/SSL ) JRE 1.3.X
	jnet.jar	
	jsee.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	'	
<b>license</b>	ozlicense.xml	
<b>logs</b>	OZSchedulerMainLog.log	
<b>repository</b>		
<b>ScheduledTask</b>		

<b>TempRepository</b>	ozd, excel, pdf, html		
<b>viewer</b>	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.bat

- 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\bin

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

:start

set OZSchLib=%OZSCHEDULER_HOME%\lib\ozsfw40.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%\i\b\jnet.jar
set OZSchLib=%OZSchLib%; %OZSCHEDULER_HOME%\i\b\jsse.jar

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

rem -----
rem      Library for XML Parsing
rem -----
set OZSchLib=%OZSchLib%; %OZSCHEDULER_HOME%\i\b\cristmon.jar
set OZSchLib=%OZSchLib%; %OZSCHEDULER_HOME%\i\b\parser.jar
set OZSchLib=%OZSchLib%; %OZSCHEDULER_HOME%\i\b\xerces.jar

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

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

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

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

echo Loading OZScheduler. . .

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

: eof

```

■ commander.bat

commander.bat	"	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\bin

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%\i b\ozsfw40.jar

rem -----
rem           Library for HTTPS/SSL
rem -----
set OZSchLib=%OZSchLib%; %OZSCHEDULER_HOME%\i b\j cert.jar
set OZSchLib=%OZSchLib%; %OZSCHEDULER_HOME%\i b\j net.jar
set OZSchLib=%OZSchLib%; %OZSCHEDULER_HOME%\i b\j sse.jar

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

```

```

set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\og4j.jar

rem -----
rem      Library for XML Parsing
rem -----
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\cristmon.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

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

■ **ozscheduler.properties**

```

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.properties

```

###
###   ozscheduler_server.Properties Information
###   Last Modified : Wed Sep 21 14:33:14 KST 2005
###

ErrorNotifyToSender=true

MailFrom=
EnableSSL=false
PrefixSubjectMessage=
SMTPServer=127.0.0.1
SMTPServerPort=25
SMTPUserID=
SMTPUserPassword=
SMTPUserID_encrypted=
SMTPUserPassword_encrypted=

ViewType=ActiveX //ActiveX, Applet, Sun1.3, NONE

ExternalProgramFilePath=%SCH_HOME%/External
RepositoryFileRootPath=%SCH_HOME%/Repository/
SchedulingInfoFilePath=%SCH_HOME%/ScheduledTask
TempRepositoryFilePath=%SCH_HOME%/TempRepository

ViewConcurrentCount=n
#ViewTimeout=

MailSendRetryCount=2
MailSendRetryPeriodTime=10

TaskHoliday=true

###   End.
    
```

<b>ErrorNotifyToSender</b>	가 ( : false)
<b>EnableSSL</b>	SSL ( : false) : jre1.4.2_12
<b>MailFrom</b>	

<b>PrefixSubjectMessage</b>		
<b>SMTPServer</b>	SMTP	
<b>SMTPServerPort</b>	SMTP	
<b>SMTPUserID</b>	SMTP ID : SMTP	
<b>SMTPUserPassword</b>	SMTP ID : SMTP	
<b>SMTPUserID_encrypted</b>	SMTP ID : SMTP ID ID ID	
<b>SMTPUserPassword</b>	SMTP ID : SMTP	
<b>ViewType</b>	:	
	ActiveX	ActiveX ( )
	Applet	Applet
	Sun1.3	Applet
	NONE	: "NONE" OZD

ViewerTimeout	가 ( : ) ▪ ▪ 0 0 :
ExternalProgramFilePath	Export
RepositoryFileRootPath	
SchedulingInfoFilePath	(* .ozs) ( : SchedulerHome/ScheduledTask)
TempRepositoryFilePath	
ViewConcurrentCount	( : n) n 32,767 5 8 5 가 3 가 : ViewType "ActiveX" "NONE"
MailSendRetryCount	( : 0) 0 ~ 32767 : :
MailSendRetryPeriodTime	( : 30) 가
TaskHoliday	( : false)

■ scheduler\_server\_log.properties

#-----

```

# configurai on of OZ logging system
#-----
#
# Set Priority log level
#
# DEBUG, INFO, ERROR
Priority=DEBUG

# appender CONSOLE
# Console
#
#
CONSOLE.Type=Stdout
CONSOLE.Layout=%r [%t] %p %c{1} %x - %m%n
CONSOLE.Async=true
#
# appender ROLLING_FILE
# File
#
#           MaxFile size
#           가           가
#
#           MaxBackupIndex
#
# Layout :
# Append :
# ImmediateFlush :   가
#                   false
#
#
#
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.MaxBackupIndex=5
ROLLING_FILE.MaxFile size=1MB
ROLLING_FILE.ImmediateFlush=true
#
# appender NT Event
# NT
#
#NT_EVENT.Type=NTEvent
#NT_EVENT.Layout=%r %p %c{1} - %m%n
#NT_EVENT.Threshold=ERROR
#

```

```
# appender syslog
# Unix 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.FacilityPri nting=false
#
# appender Scheduler Task result log
#                               File
ResultLog.MaxBackupIndex=3
ResultLog.MaxFileSize=500KB
Remove_Param_File=true
```

ResultLog 가

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

log.properties"

■ 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-07-17" 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=" " />
</TASK-HOLIDAYGROUP>
<TASK-HOLIDAYGROUP name="Group2">
  <ITEM ref=" " />
  <ITEM ref=" " />
</TASK-HOLIDAYGROUP>
</TASK-HOLIDAY-ROOT>

```



TASK-HOLIDAY			
	name	";" : TASK-HOLIDAYGROUP name	
	baseday	<ul style="list-style-type: none"> <li>▪ yyyy-MM-dd :</li> <li>▪ yyyy-MM-01 : 1</li> <li>▪ yyyy-01-01 : 1 1</li> <li>▪ 2007-01-01 : 2007 1 1</li> </ul>	
	type	solar	
		lunar	
	start	"baseday" ( : 0) "baseday"가 2007-08-15 "start" "1" 2007 08 14	
end	"baseday" ( : 0) "baseday"가 2007-08-15 "end" "1" 2007 08 16		
TASK-HOLIDAYGROUP			
	name	";" 가 : TASK-HOLIDAY name	
TASK-HOLIDAYGROUP_ITEM	Task-HOLIDAYGROUP		
	ref	:	



가

JRE

commander.bat

Commander.bat

Shell Command"

OZSchedulerInstallService.bat

: 64 가

: 가

가

■

- JAVA

Classpath가

NT {

} \bin\OZSchedulerInstallService.bat

■ OZSchedulerInstallService.bat

```
@echo off  
rem -----
```

```
rem OZScheduler Service Install Register Batch File
rem -----

rem -----
rem      JRE Path
rem
rem ex) set JRE_PATH=C:\Program Files\Forcs\OZ
XStudio\jre1.4.2\bin\client\jvm.dll
rem -----
set JRE_PATH=

rem -----
rem      OZ Scheduler Home
rem
rem ex) set OZSCHEDULER_HOME_BIN=C:\Program Files\Forcs\OZ
XStudio\OZScheduler 4.0\bin
rem -----
set OZSCHEDULER_HOME=.\
set OZSCHEDULER_HOME_BIN=

set MAX_MEMORY=256
set MIN_MEMORY=128

rem JAVA option delimiter 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\ozsfw40.jar
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\conf
```

```

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

rem -----
rem      Library for HTTPS/SSL
rem -----
set OZSchLib=%OZSchLib%;%OZSCHEDULER_HOME%\lib\net.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
rem -----
rem %1 -      (A-Z      0-9      (,)
rem      (.)      )
rem-----

OZServiceSC.exe //IS//OZScheduler --DisplayName="OZScheduler" --
Description="OZScheduler" --StartPath="%OZSCHEDULER_HOME_BIN%" --

```

```
StopPath="%OZSCHEDULER_HOME_BIN%" --Classpath="%OZSchLib%" --
Jvm="%JRE_PATH%" --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
```

<b>--Description</b>	가	( 1024 .)
<b>--DisplayName</b>	가	( : ServiceName) :
<b>--Startup</b>	가	<b>Manual</b> .( )
		<b>Auto</b> .
<b>--Jvm</b>	가	"jvm.dll" : ) --Jvm="C:\j2sdk1.4.2_12\jre\bin\client\jvm.dll"
<b>--JvmOptions</b>	가	Jvm ( : -Xrs)
<b>--Classpath</b>		
<b>--JvmMs</b>	가	Initial Memory ( : MB)
<b>--JvmMx</b>	가	( : MB)
<b>--JvmSs</b>	가	( : KB)
<b>--StartPath</b>		: .) --StartPath="C:/OZScheduler 4.0/bin"
<b>-StartClass</b>		oz.server.OZService Bootstrap

-StartParams		OZScheduler Start		) -StartParams =OZSchedulerStart
--StartMode				
		jvm	Jvm	
--StopPath		: ) --StopPath="C:/OZScheduler 4.0/bin"		
-StopClass		oz.server.OZServiceBootstrap		
-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 ( )	

		<b>DEBUG</b>	"ERROR", "INFO" level log log
<b>--StdOutput</b>	가		)--StdOutput="stdout.log"
<b>--StdError</b>	가		)--StdOutput="stderr.log"

■ OZSchedulerUninstallService.bat

```
@echo off

rem -----
rem
rem -----
rem %1 - (A-Z 0-9
rem (,), (.) )
rem -----

rem OZServi ceSC. exe //DS//%1
OZServi ceSC. exe //DS//OZSchedul er
```

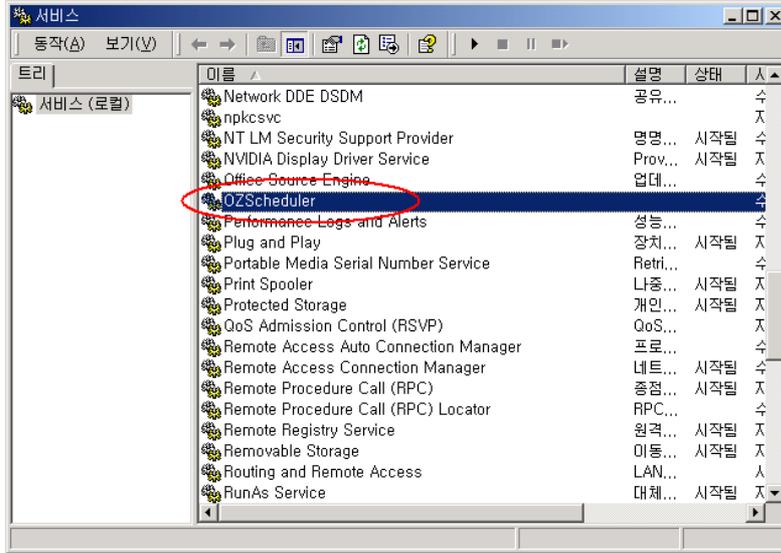
```
{
    } \conf\ozscheduler.properties
    path.oz.server.home
}
```

■

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

■

```
[ ] - [ ] - [ ] 가 가
```

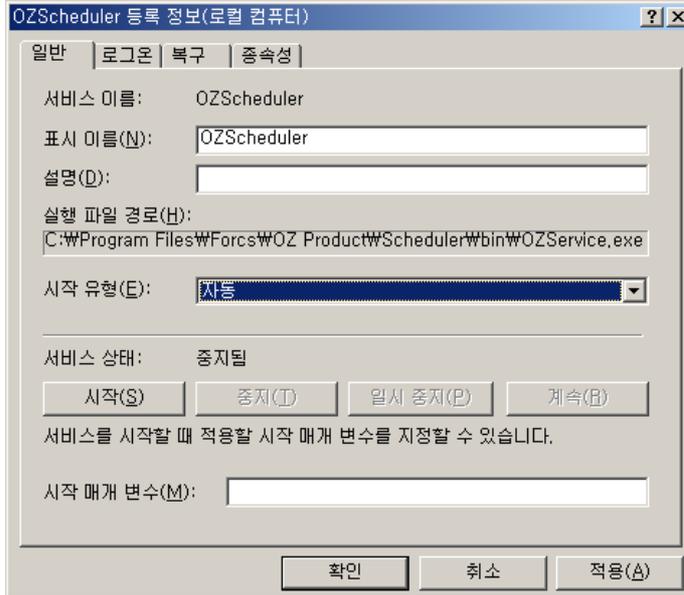


OZScheduler



OZSchedule

'OZScheduler



OZScheduler



■

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

- 

```
scheduler.bat
```

```
scheduler_stop.bat
```

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

- 

```
NT
```

```
NT
```

```
ozstop.bat/ozstop.sh(
```

```
scheduler_stop.bat)
```

## 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>
-fi le: <Fi leName>
```

```
Port: 9521
si p: 127.0.0.1
SPort: 8003
SID: admi n
SPWD: admi n
```

- /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	-load Text
[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

## Load

Commander

가

1:1

'\_check'

'check'

. ('true' 가 .)

'mail\_text\_message='

"\n"

"\n"

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].odi param
parameter_value_2=form2
parameter_name_3=parameter_test.odi param
parameter_value_3=odi 1
parameter_name_4=parameter_test.odi param2
parameter_value_4=odi 2

## 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=

## Periodically 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=odi param
odi_parameter_value_1=sdm odi 1
odi_parameter_name_2=odi param2
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.tif.filename=test.tif
exparg.csv.filename=test.csv
```