OZ Enterprise Manager

User Help

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OZ Server Management and Configuration

This chapter describes how to set OZ Server, Repository server, Cache, Connection, Log, Monitor log by using OZ Enterprise Manager.

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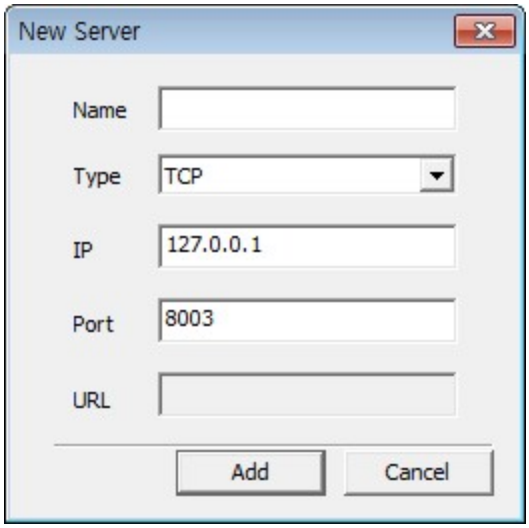
New Server

Click **[Console] > [New Server]** in the Menu bar, or **[New Server]** in a pop-up that appears after right-clicking on the left Console list window, or click on the New Scheduler icon to add a new server.



Entering each item in the "New Server" dialog box and clicking on **[Add]** will display the added server under the [Server List] of the [Console List].

Export Server List

Click **[Export]** in a pop-up that appears after right-clicking on the "server list".

Import Server List

Click **[Import]** in a pop-up that appears after right-clicking on the "server list".

New Server Dialog Box

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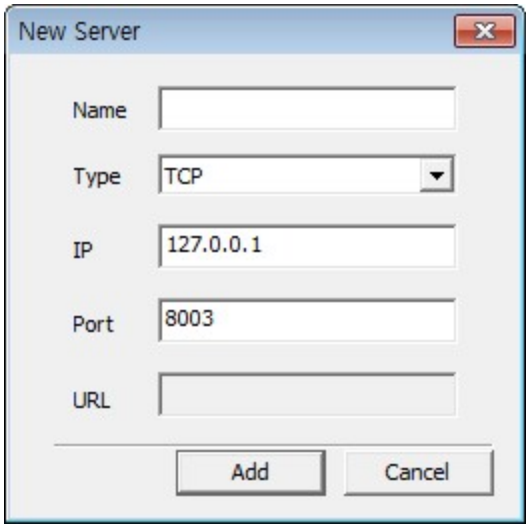
From the console list window by clicking the right mouse button on the "server list" **[New Server]** from the pop-up menu that appears when you click the menu "New Server" dialog box appears.



Name	Type the OZ Server name.
Type	Set the OZ Server type. **TCP:** Set the OZ Server to daemon type. **HTTP:** Set the OZ Server to servlet type.
IP	Set the OZ Server IP. If the OZ server type is set to TCP use.
Port	Set the OZ Server Port. If the OZ server type is set to TCP use.
URL	Set the OZ Server URL. If the OZ server type is set to HTTP use.

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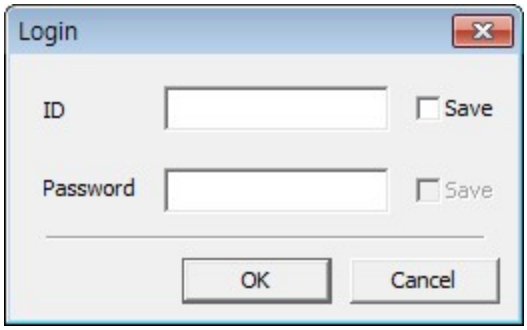
Login Server

Open a pop-up by right-clicking on the server to log in the Server List, and click on **[Connect]** to open up the "Login" dialog box.



With admin privileges on the "Login" dialog box, enter the user ID and password, and then connect to the server and click the **[OK]** button. When the connection to the server is complete, icons and menus that can manage the server is displayed in the toolbar and console menu.

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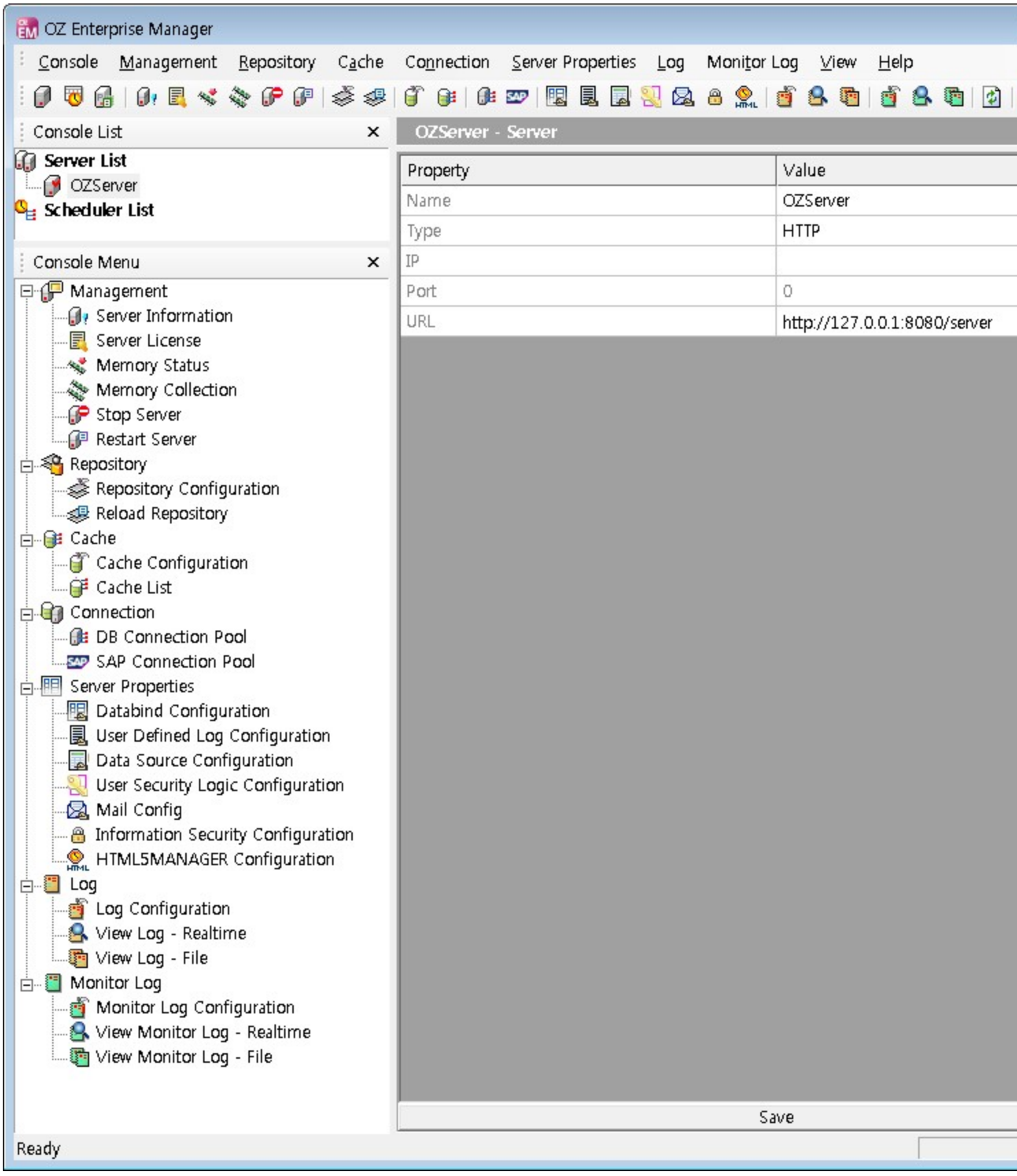

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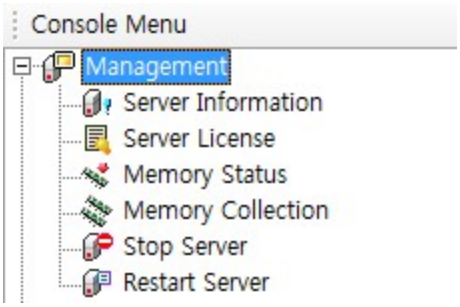
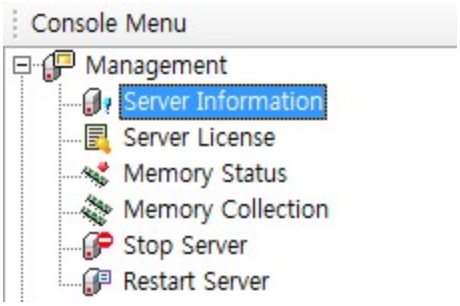
Server Management

[Management] in the console menu using the menu you can check Server Information, Server License, Memory Status, and you can run Memory Collection, Stop Server, Restart Server.



Server Information

Click on the menu of the console **[Management] > [Server Information]** menu



The server version, operating system, host name, etc of the information is displayed in the Properties window.

Server License

Click on the menu of the console **[Management] > [Server License]** menu

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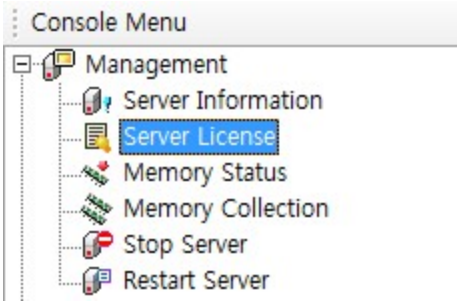


Product, version, operating system, IP, etc, server license information is displayed in the Properties window.

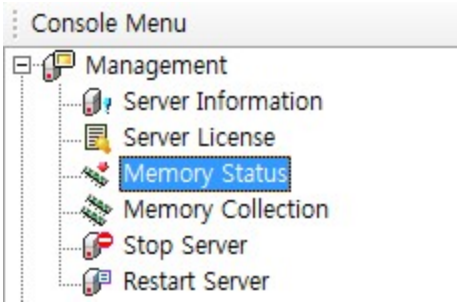
To apply the licenses without server restart, after you copy the license file(ozlicense.xml) in the license folder, please click the **[Activate license]** button at the bottom of the window.

If you want to apply a license using the **[Activate license]** button all the license keys are not applied, apply only the key below.

- MAX-CLIENT
- USE-EFORM
- USE-SERVERBIND
- USE-WEBSERVICE
- REQUEST-URI

Memory Status

Click on the menu of the console **[Management] > [Memory Status]** menu



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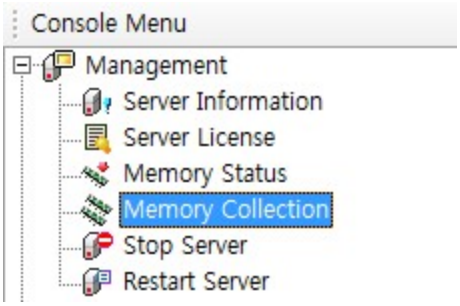
Is displayed in the Properties window of the server operating system the Total Memory, Used Memory, and Free Memory.

Note

From the server and the server indicates that a running application that uses memory.

Memory Collection

Click on the menu of the console **[Management] > [Memory Collection]** menu



Replaced by the memory available by removing the memory that the server did not use the memory to run a collection job.

When you click the **[Memory Collection]** menu the Properties window is displayed as previously properties window.

Stop Server

Click on the menu of the console **[Management] > [Stop Server]** menu

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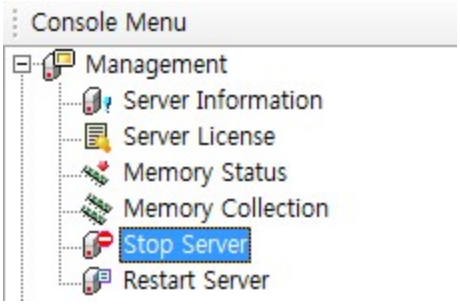


Displays a dialog box asking whether the server stops.

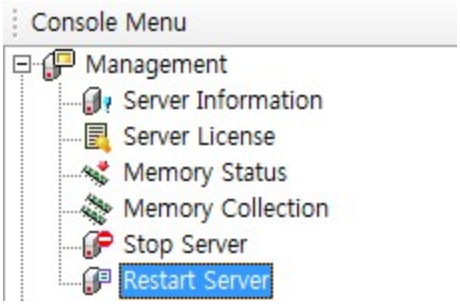
When you click the **[OK]** button, the server stop.

Note

The Stop Server option is enabled only in a Daemon type server.

Restart Server

Click on the menu of the console **[Management] > [Restart Server]** menu



Displays a dialog box asking whether the server restarts.

When you click the **[OK]** button, the server restart.

Note

The Restart Server option is enabled only in a Daemon type server.

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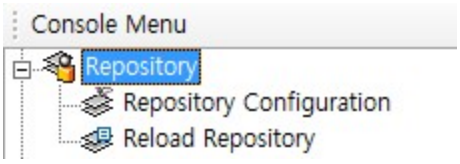
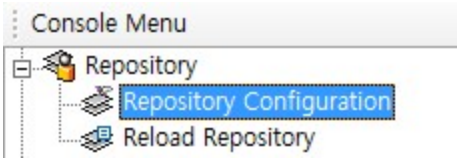
Repository

Using the **[Repository]** menu of console menu, setting the behavior environment of the repository server, and restart the repository server.



Repository Configuration

Click on the menu of the console **[Repository] > [Repository Configuration]** menu



Repository type, path, period of history, repository server information is displayed in the Properties window.

To change the behavior environment of the repository server Double-click the value that you set in the bottom of the Properties window, click the **[Save]** button to save, Click the Console menu **[Repository] > [Reload Repository]** the menu.

Note

For a detailed description of the properties shown in the Properties window, "OZ Server Administrator's Guide", "repository.properties" please.

Reload Repository

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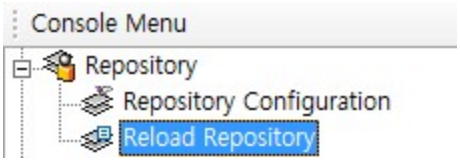
Click on the menu of the console **[Repository] > [Reload Repository]** menu



Restart the repository server.

When you click **[Reload Repository]** menu the Properties window is displayed as previously Properties window.

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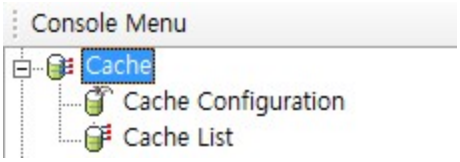
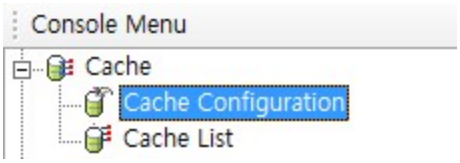
Cache

Setting up cache using the **[Cache]** menu of the console menu check the cache list.



Cache Configuration

Click on the menu of the console **[Cache] > [Cache Configuration]** menu



Cache storage path will be displayed in the Properties window.

If you want to change the cache stored path after setting the path by double-clicking on the value in the bottom of the Properties window, click the **[Save]** button.

Note

For a detailed description of the properties shown in the Properties window, "OZ Server Administrator's Guide", "cachemngr.properties" please.

Cache List

Click on the menu of the console **[Cache] > [Cache List]** menu

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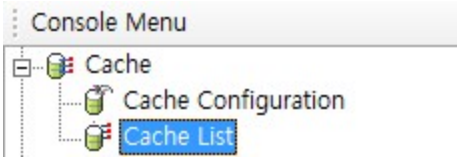
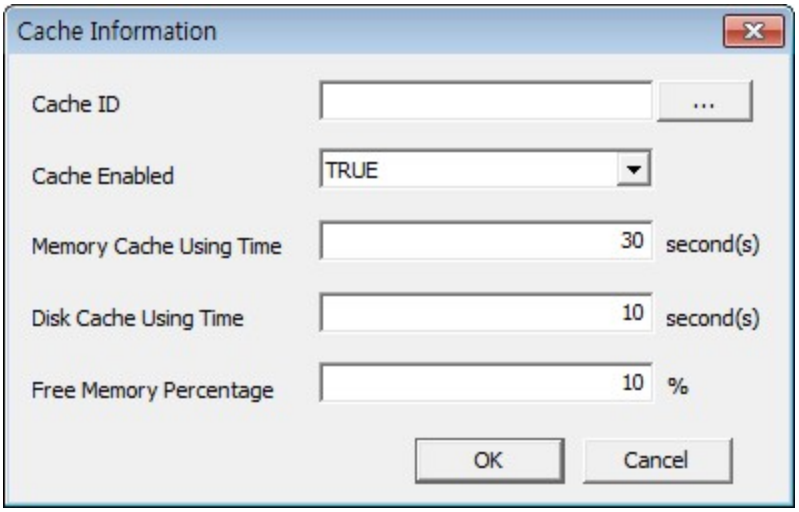


Cache List will be displayed in the Properties window.

Cache Add

Double click on the cache ID to add or select **[Add]** after a right-click, then the "Cache Information" dialog box will appear for editing cache information.



After enter the Cache ID, Cache Enable, Memory Cache Using Time, Free Memory Percentage from the "Cache Information" dialog box when you click the **[OK]** button, the cache is added.

Cache Information Dialog Box

Double click on the cache ID to add or select **[Add]** after a right-click, then the "Cache Information" dialog box will appear for editing cache information.

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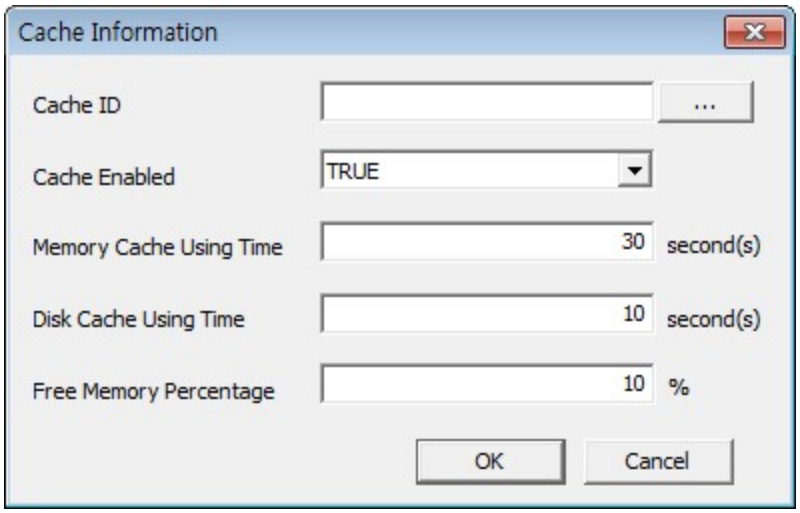

Cache ID	Shows the ID to cache. Can be entered directly or **[...]** button that appears when you click the cache ID using the wizard to set.
Cache Enabled	Sets the cache is functioning. **TRUE:** Activates the cache. **FALSE:** Cache does not work.
Memory Cache Using Time	Sets the time in which cache remains valid in the memory.
Disk Cache Using Time	Sets the time in which cache remains valid in the disk.(unit: sec)
Free Memory Percentage	Caches to the disk when the memory size is smaller than the designated percent.

Cache ID Wizard

Clicking the Wizard button **[...]** in the "Cache Information" dialog box will run the "Cache ID Wizard" as shown below.

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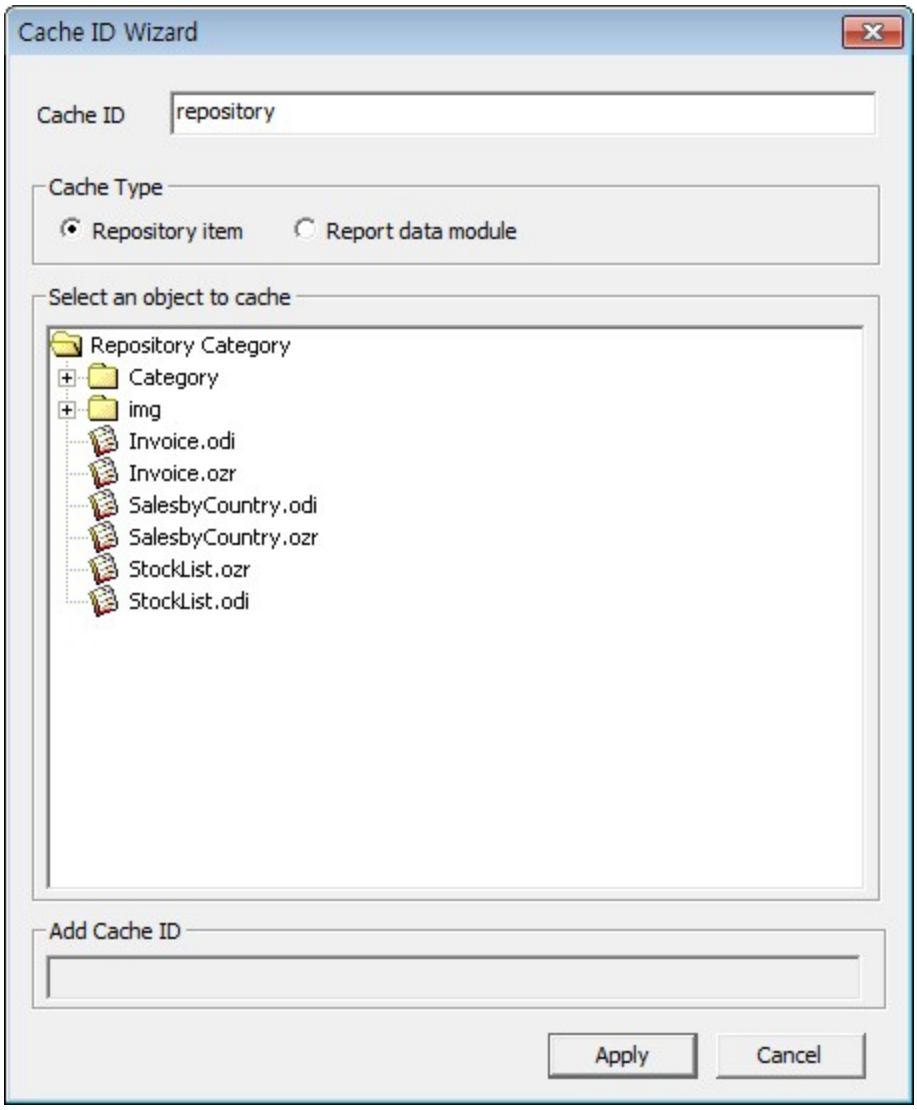

Cache ID	Set the Cache ID. Entered directly or cache types and cache select a destination will be entered automatically.
Cache Type	Selects the type of cache item. **Repository item:** Creates cache ID of repository item. **Report data module:** Creates cache ID of report data module item.
Select an object to cache	Selects the cache target.

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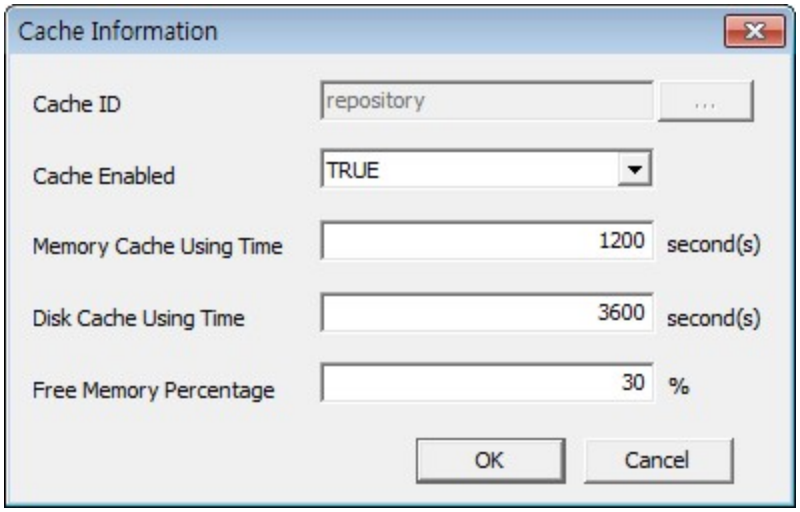
Add Cache ID	Set the cache id for more information. Enter the additional information only in the report data module.

Edit, Delete, Delete Cached Data

You can edit/delete the cache information or delete the cache data.

Edit

From the pop-up menu that appears by right-clicking on the cache list in the Properties window to modify the cache Running "Cache Information" dialog box by clicking the **[Edit]** menu.



After the change from the "Cache Information" dialog box whether the cache behavior, memory/disk cache usage time, free memory percentage Click the **[OK]** button.

Delete

From the pop-up menu that appears by right-clicking cache delete cache list in the Properties window, When you click the **[Delete]** menu displays a dialog box asking whether to delete. Click the **[OK]** button.

Delete Cached Data

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Cache data delete in the cache list properties window by clicking the right mouse button pop-up menu that appears When you click the **[Delete Cached Data]** menu displays a dialog box asking whether to delete.

Click the **[OK]** button.

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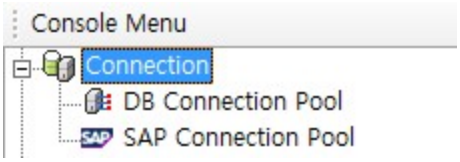
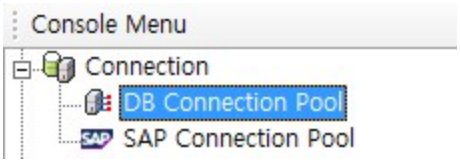
Connection

Using the **[Connection]** menu of console menu, setting the DB, SAP connection pool.



DB Connection Pool

Click on the menu of the console **[Connection] > [DB Connection Pool]** menu



Double-click on a connection or select **[View Details]** after a right-click to see the detailed information of the connection.

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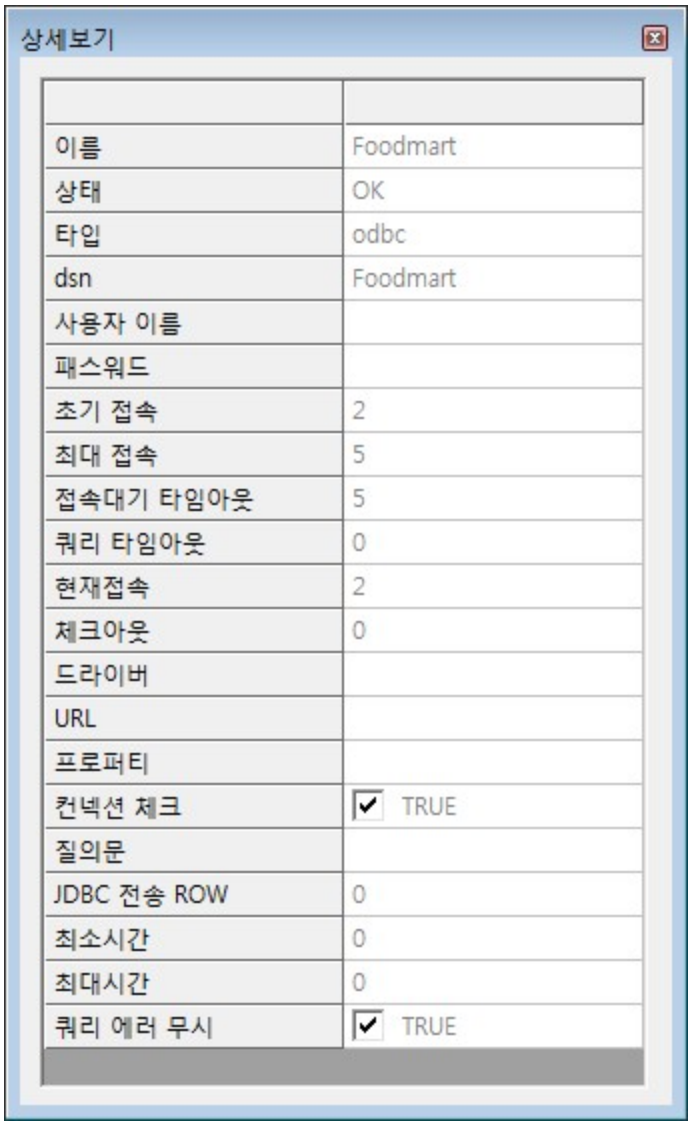

Add DB Connection Pool

By right-clicking on the DB Connection Pool Properties window from the pop-up menu that appears, click the **[Add]** menu, run "DB Connection Pool" dialog box.

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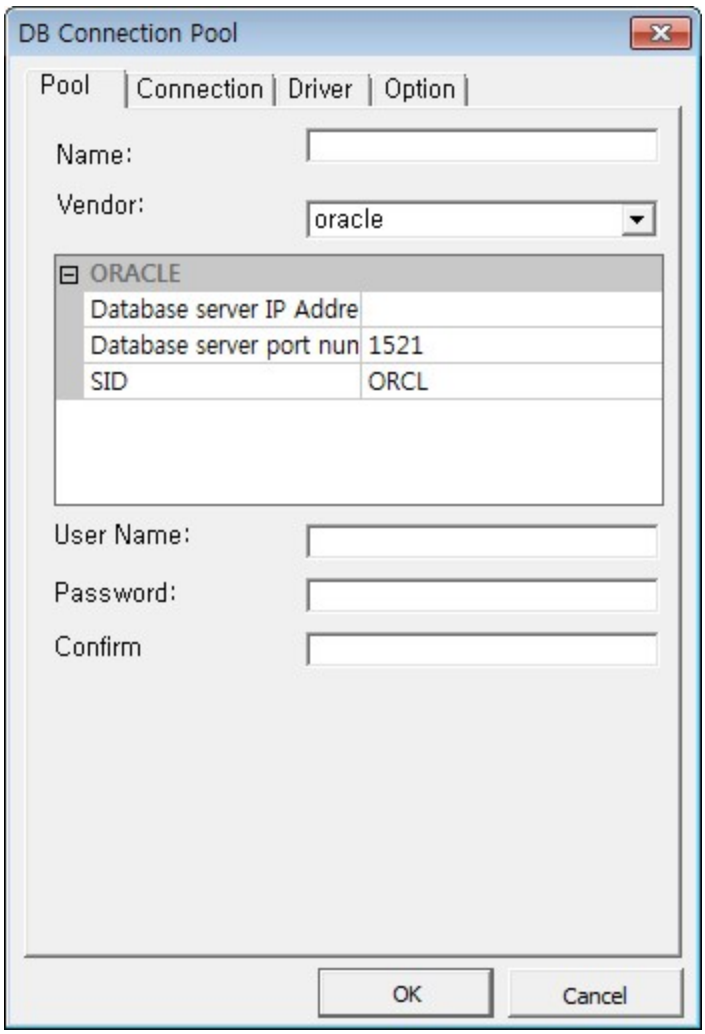

Go to the **[Pool], [Connection], [Driver], [Option]** tab in "DB Connection Pool" dialog box after setting the option DB connection pool is added when you click the **[OK]** button.

DB Connection Pool Dialog Box

By right-clicking on the DB Connection Pool Properties window from the pop-up menu that appears, click the **[Add]** menu, run "DB Connection Pool" dialog box.

Pool

set the DB connection pool name, Vendor type, Connection information.

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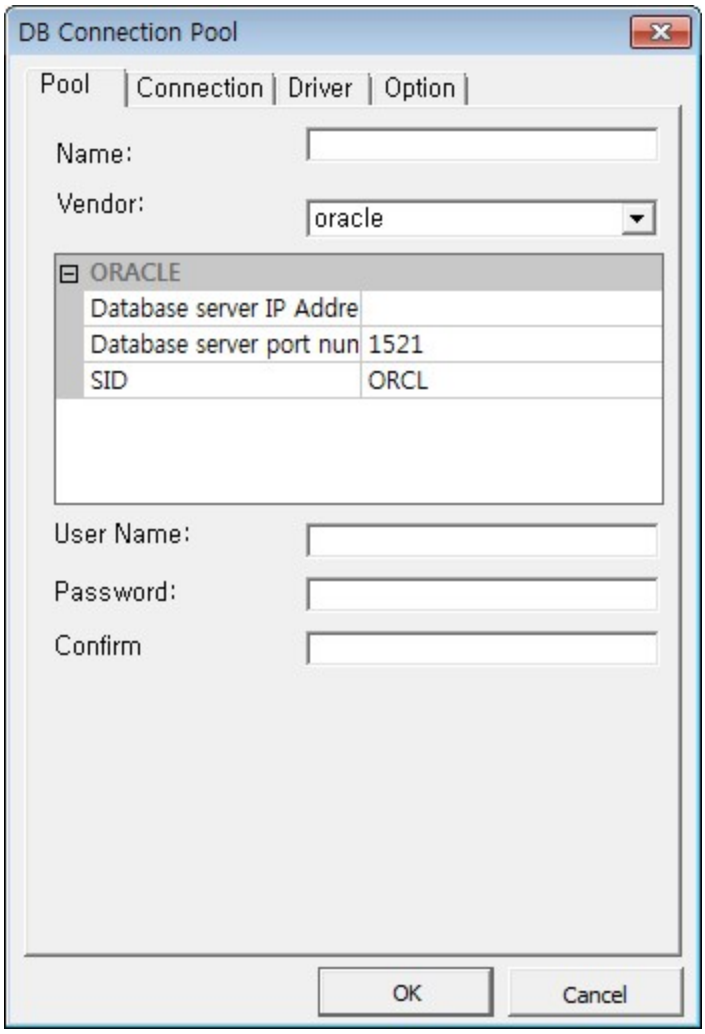

Name	DB connection pool name.
DB Vendor	DB vendor type.
DB Server IP Address	DB server IP address.
DB Server Port Number	DB server port number.
DB Server Name	DB server name. If Oracle the server distinguished name of SID is set to please.
User Name	Access to the DB server user name.
Password	Access to the DB server user password.

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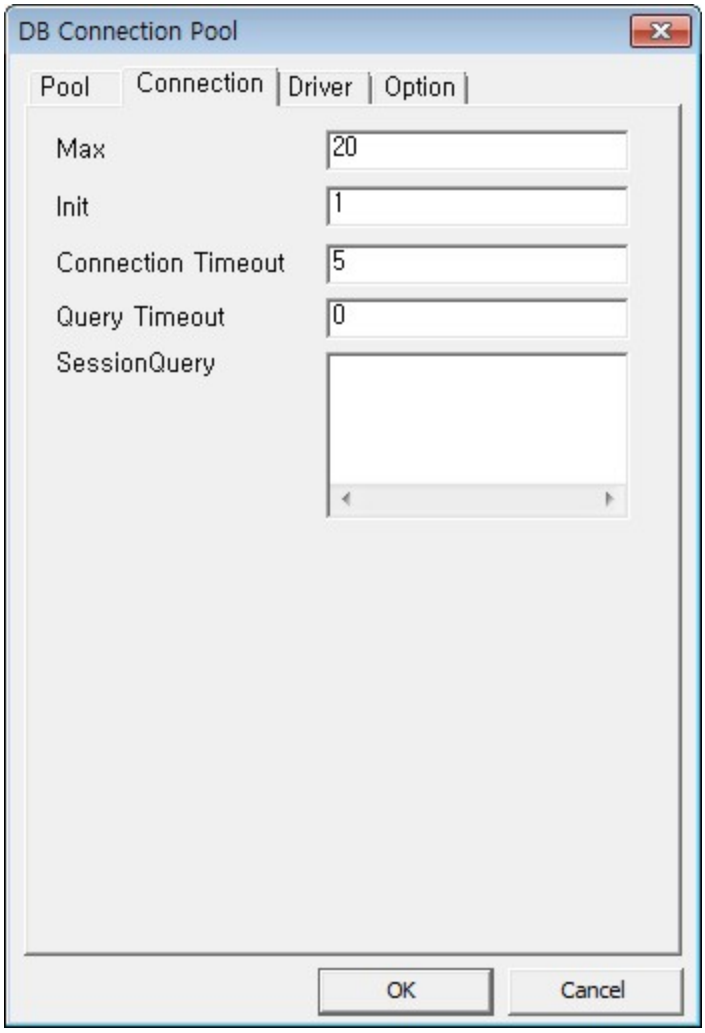
Confirm	Re-enters the password.

Connection

Set the DB Connection number, Timeout, SessionQuery.



Max	Maximum of DB connections OZ server can have.
Init	Number of OZ server's initial DB connections.
Connection Timeout	Maximum time for the connection used to be returned when it exceeds the Maxconns.(unit: second)
Query Timeout	Maximum time for the query execution.(unit: second)

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SessionQuery	Session query to set in the OZ server db.properties.

Driver

Set the Use Driver Configuration, Driver information.

Use Driver Configuration	Sets whether to use the Driver configuration.
Driver	Driver class name.
URL	Driver connection URL.
Property	Driver connection property.

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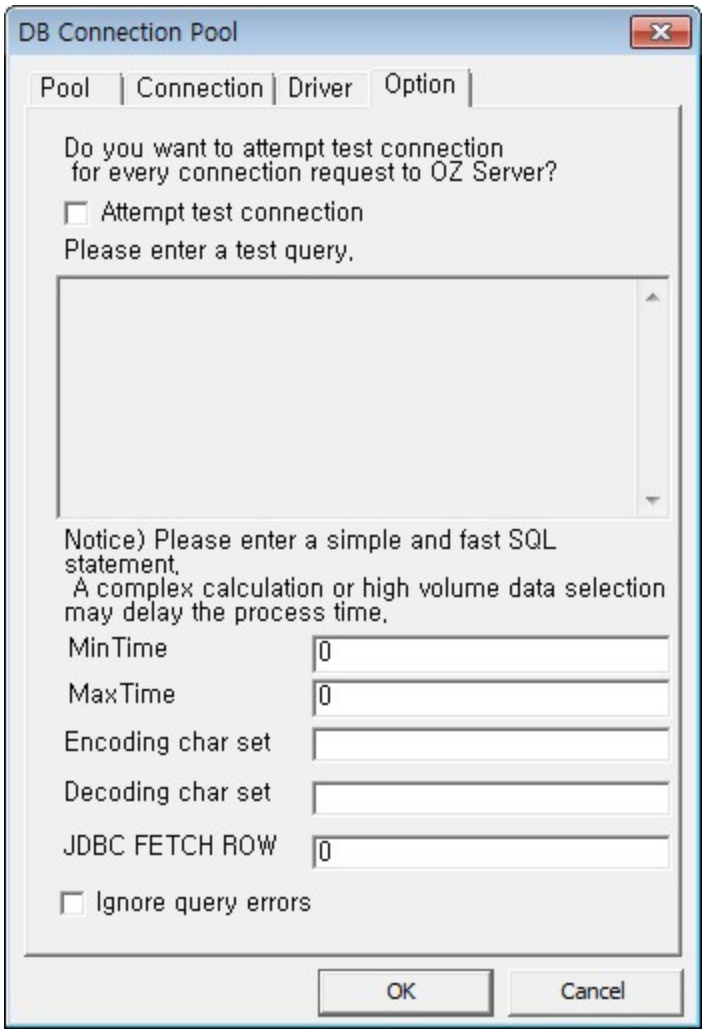
Option

Set the Test connection, Time, Encoding/Decoding Set, JDBC Fetch Row, Ignore query error.



Attempt test connection	In case of OZ server losing connection pool, this adds queries to test and checks the connection to the DB when connecting to OZ server. If the connection is lost, this reconnects the connection pool.
MinTime	Minimum time to check the DB Connection.(unit: second)
MaxTime	Maximum time to check the DB Connection.(unit: second)

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Encoding char set	Encoding character set.
Decoding char set	Decoding character set.
JDBC FETCH ROW	When return a result set setting the number of rows that can be imported at once.
Ignore query errors	Sets whether to send empty data when an query error occurs

Edit, Delete DB Connection Pool

You can edit/delete the DB connection pool.

Edit DB Connection Pool

Revises the connection pool by clicking on **[Edit]** in the pop-up that appears after right-clicking on the connection pool to edit.

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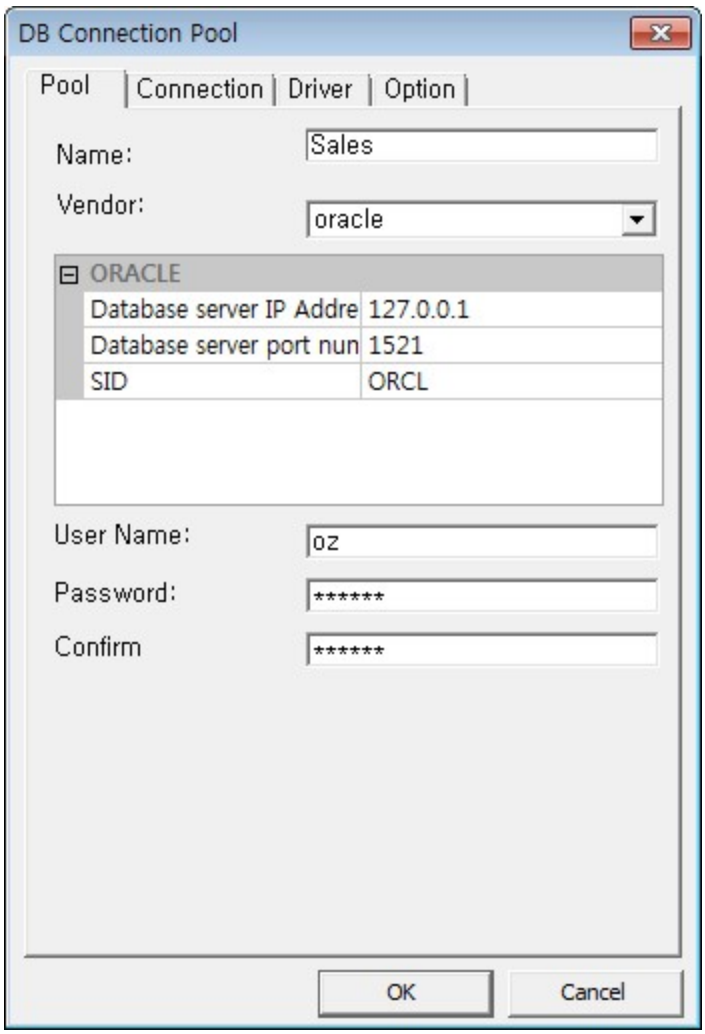

Go to the **[Pool], [Connection], [Driver], [Option]** tab in "DB Connection Pool" dialog box, after you change the options click the **[OK]** button.

Delete DB Connection Pool

Select a connection pool to delete, right click on it, and click on **[Delete]**.

Click the **[OK]** button.

SAP Connection Pool

Click on the menu of the console **[Connection] > [SAP Connection Pool]** menu

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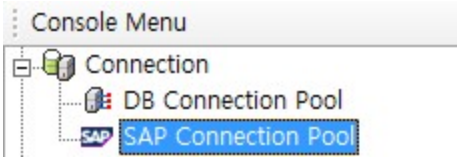

SAP Connection Pool list will be displayed in the Properties window.

Shows the list of SAPs currently connected to the server. You can double-click on a name or select **[View Details]** after a right-click to view the detailed information of a SAP.

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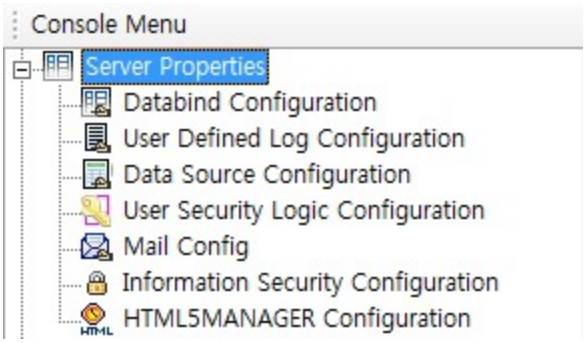
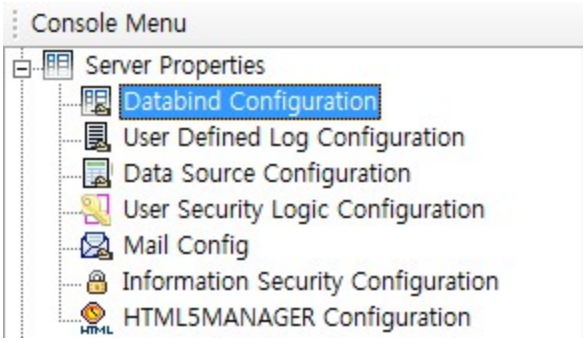
Server Properties

Using the **[Server Properties]** menu of console menu, setting the Databind, User Defined Log, Data Source, User Security Logic, Mail, Information Security, HTML5MANAGER Configuration.



Databind Configuration

Click on the menu of the console **[Server Properties] > [Databind Configuration]** menu



Data binding related properties will be displayed in the Properties window.

To change the value of the property, double-click the value that is set in the bottom of the Properties window, click the **[Save]** button.

Note

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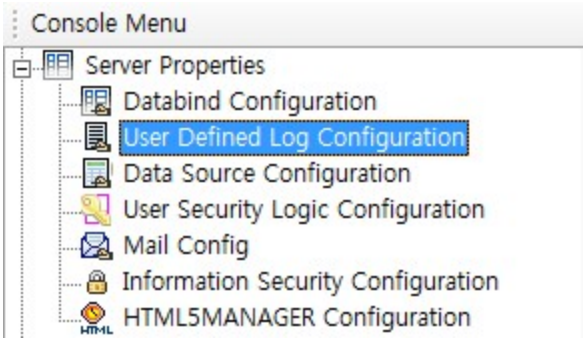
For a detailed description of the properties shown in the Properties window, "OZ Server Administrator's Guide", "databind.properties" please.

User Defined Log Configuration

Click on the menu of the console **[Server Properties] > [User Defined Log Configuration]** menu



User defined log related properties will be displayed in the Properties window.

To change the value of the property, double-click the value that is set in the bottom of the Properties window, click the **[Save]** button.

Note

For a detailed description of the properties shown in the Properties window, "OZ Server Administrator's Guide", "ozudl.properties" please.

Data Source Configuration

Click on the menu of the console **[Server Properties] > [Data Source Configuration]** menu

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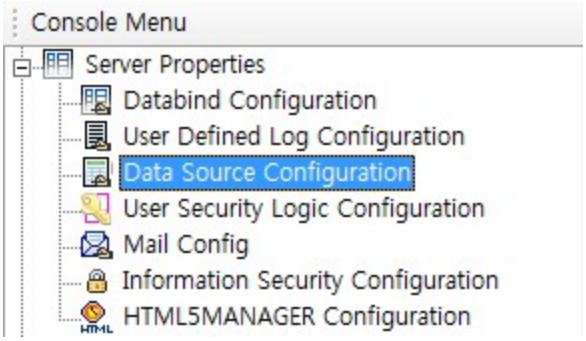
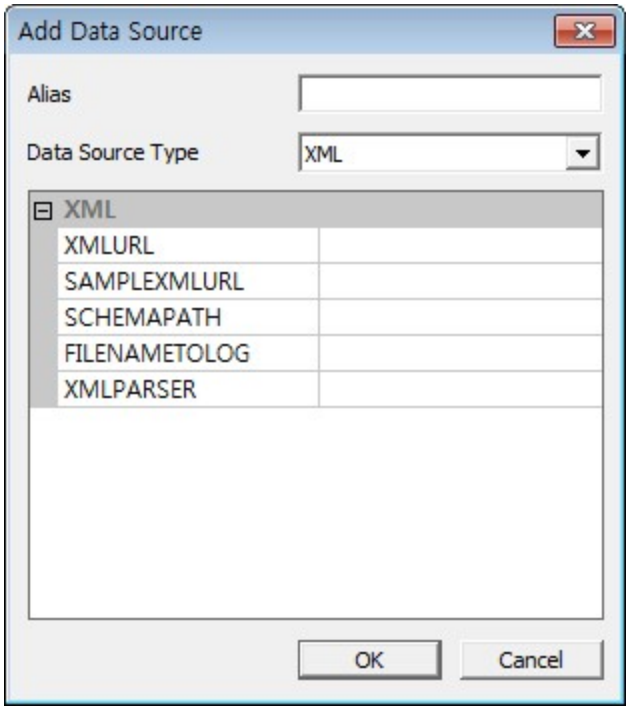


Data source related properties will be displayed in the Properties window.

Add Data Source

Right-clicking and clicking on **[Add]** will open "Add Data Source" dialog box.



After entering configuration information in the "Add Data Source" dialog box, click on **[OK]** to add the data source.

Add Data Source Dialog Box

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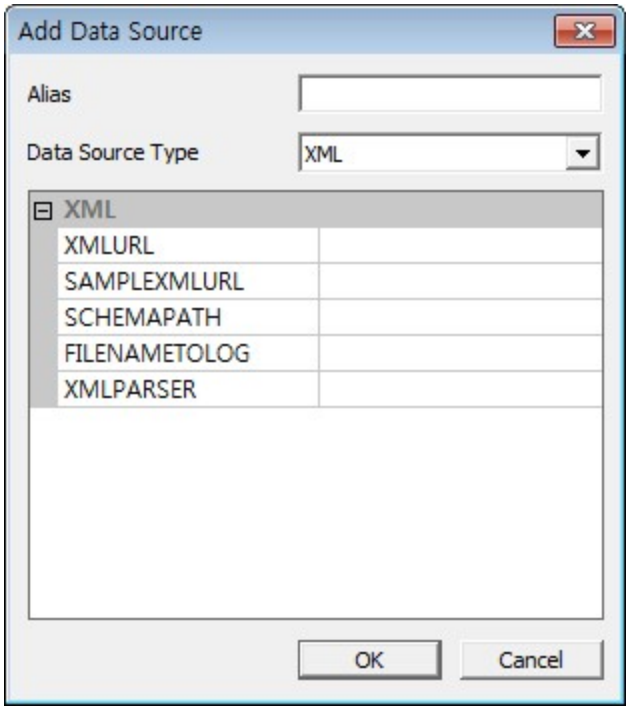
By right-clicking on the Data Source Properties window from the pop-up menu that appears, click the **[Add]** menu, run "Add Data Source" dialog box.



Alias	Data source alias name.
Data Source Type	Data Source Type. For a detailed description of the this option, "OZ Server Administrator's Guide", "datasource.properties" please.

Edit, Delete Data Source

You can edit/delete a data source.

Edit Data Source

Select a data source to edit, right click on it, and click on **[Edit]** to open the "Modify Data Source" dialog box.

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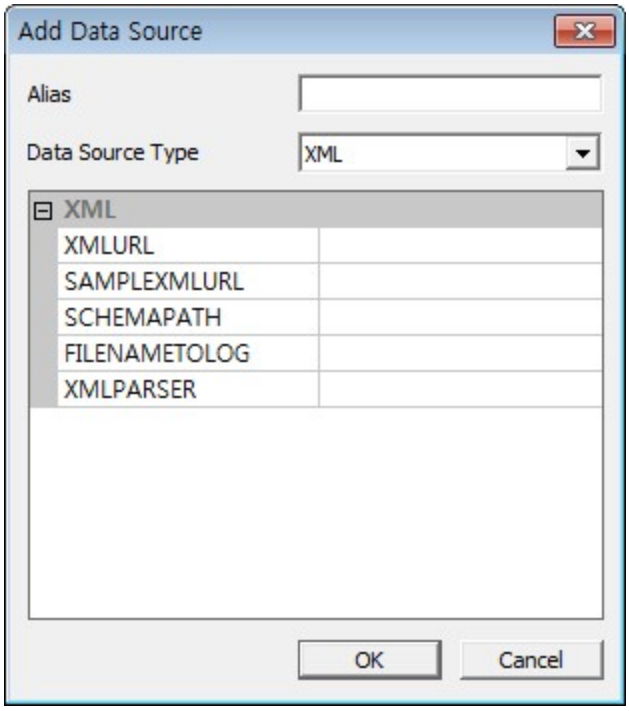

After editing the configuration information in the dialog box, click on **[OK]** to apply.

Delete Data Source

Select a data source to delete, right-click on it, and click on **[Delete]** to delete the data source.

Click on **[OK]**.

User Security Logic Configuration

Click on the menu of the console **[Server Properties] > [User Security Logic Configuration]** menu

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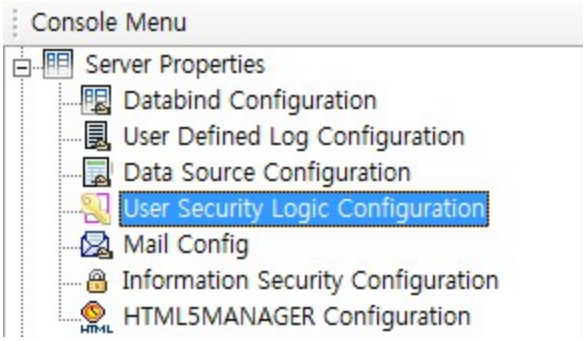


User security logic related properties will be displayed in the Properties window.

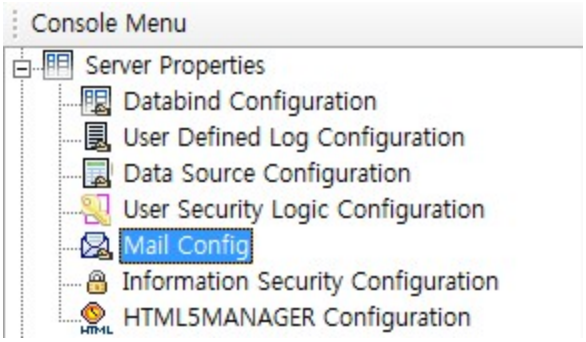
To change the value of the property, double-click the value that is set in the bottom of the Properties window, click the **[Save]** button.

Note

For a detailed description of the properties shown in the Properties window, "OZ Server Administrator's Guide", "uslmngr.properties" please.

Mail Config

Click on the menu of the console **[Server Properties] > [Mail Config]** menu



Mail related properties will be displayed in the Properties window.

Shows the currently set mail information in a list and allows you to see the details by double-clicking on each name or right-clicking and selecting **[View Details]**.

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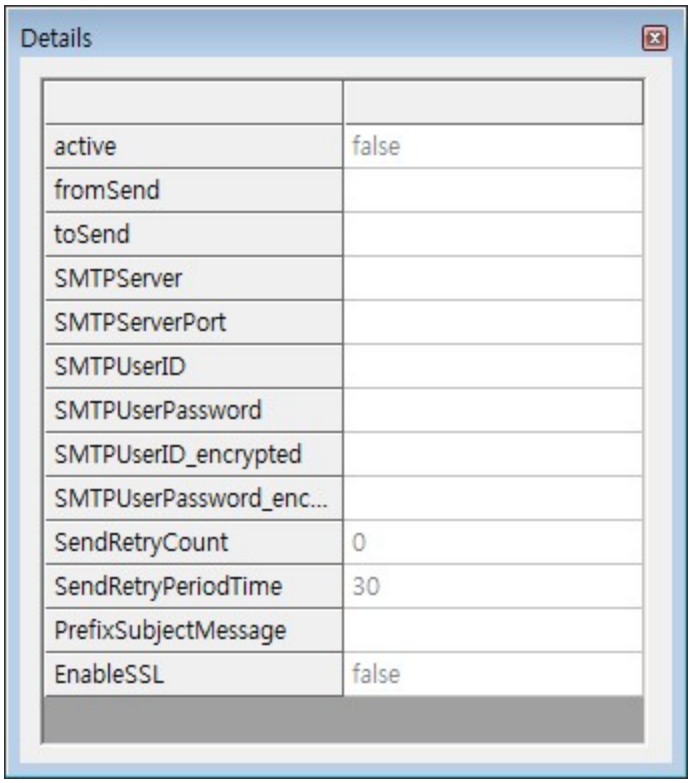
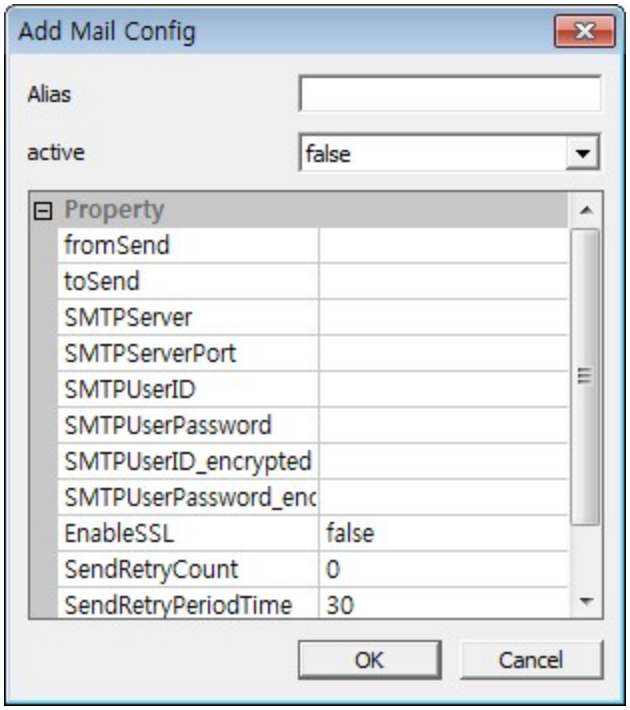


Add Mail Config

Right click and click on the **[Add]** to open "Add Mail Config" dialog box.



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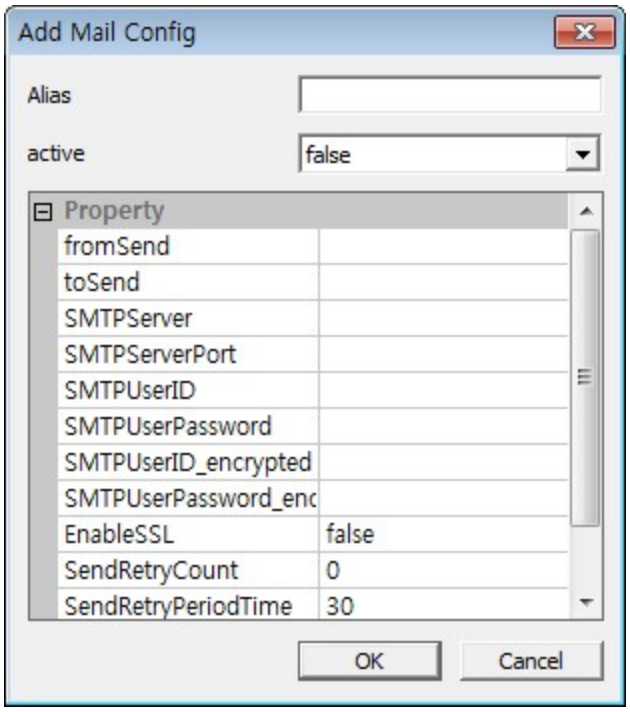
After entering information in the dialog box, click on **[OK]** to add the mail information.

Add Mail Config Dialog Box

Right click and click on the **[Add]** to open "Add Mail Config" dialog box.



Alias	Input the mail account alias.
active	Whether or not to activate of Mail account. For a detailed description of the account option, "OZ Server Administrator's Guide", "mail.properties" please.

Edit, Delete Mail Config

You can edit/delete the mail configuration.

Edit Mail Config

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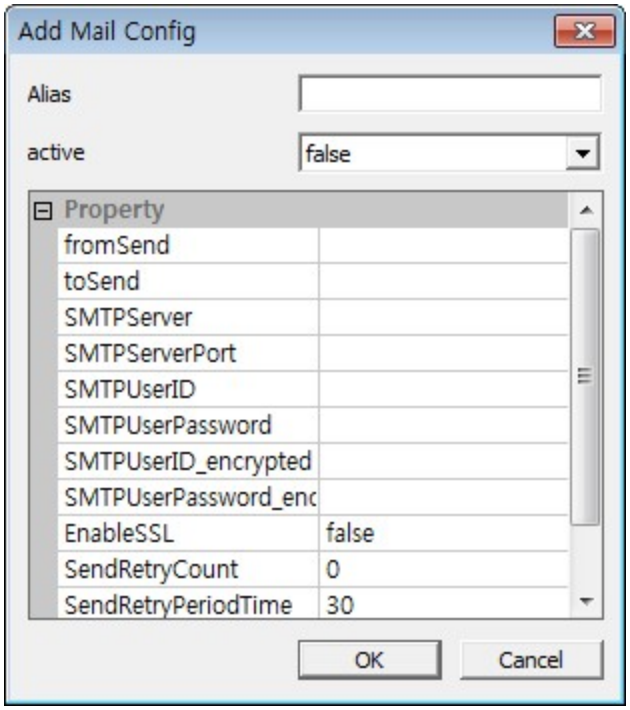
Select the mail configuration to edit, right-click, and click on the **[Edit]** to open "Modify Mail Config" dialog box.



After editing configuration information in the dialog box, click on **[OK]** button to confirm.

Delete Mail Config

Select the mail configuration information to delete, right click, and click on **[Delete]** to delete it.

Click on **[OK]**.

Information Security Configuration

Click on the menu of the console **[Server Properties] > [Information Security Configuration]** menu

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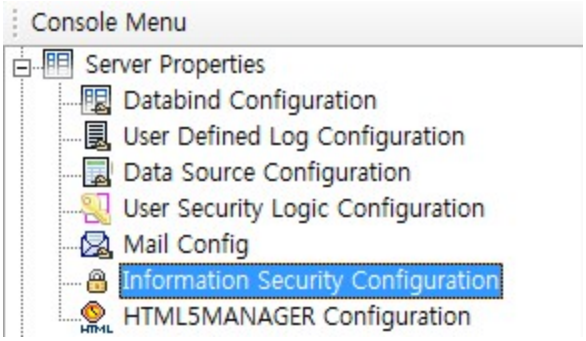


Information security configuration related properties will be displayed in the Properties window.

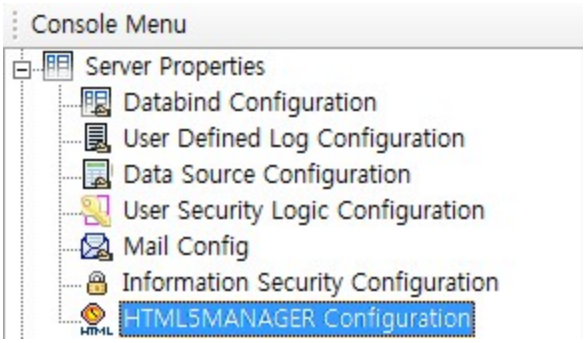
To change the value of the property, double-click the value that is set in the bottom of the Properties window, click the **[Save]** button.

Note

For a detailed description of the properties shown in the Properties window, "OZ Server Administrator's Guide", "spmgr.properties" please.

HTML5MANAGER Configuration

Click on the menu of the console **[Server Properties] > [HTML5MANAGER Configuration]** menu



HTML5 related properties will be displayed in the Properties window.

Shows the currently set HTML5MANAGER information in a list and allows you to see the details by double-clicking on each name or right-clicking and selecting **[View Details]**.

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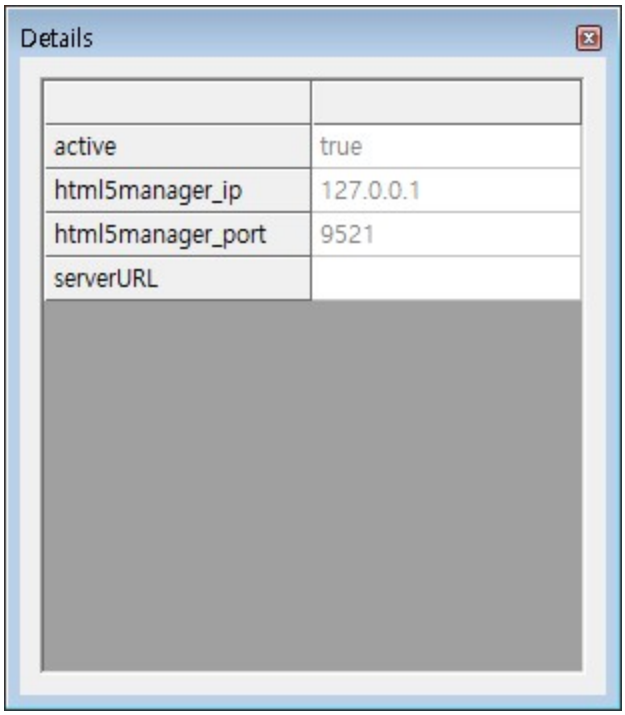
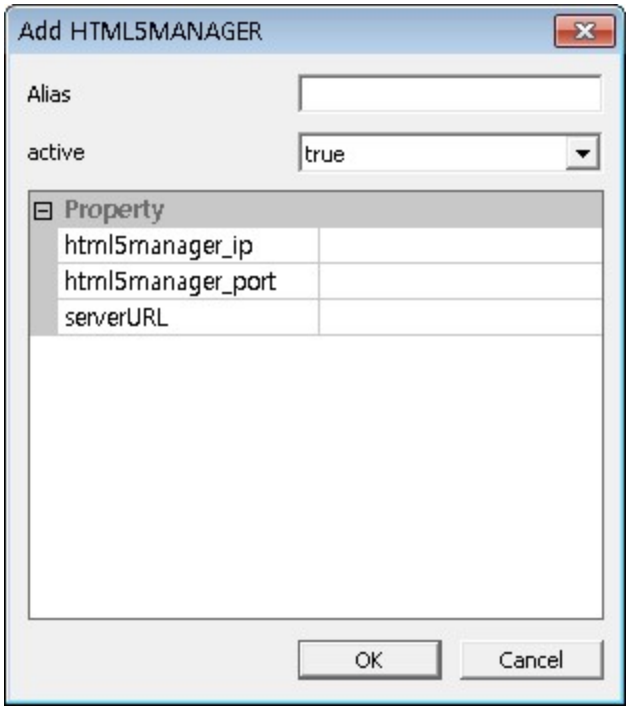


Add HTML5MANAGER

Right click and click on the **[Add]** to open "Add HTML5MANAGER" dialog box.



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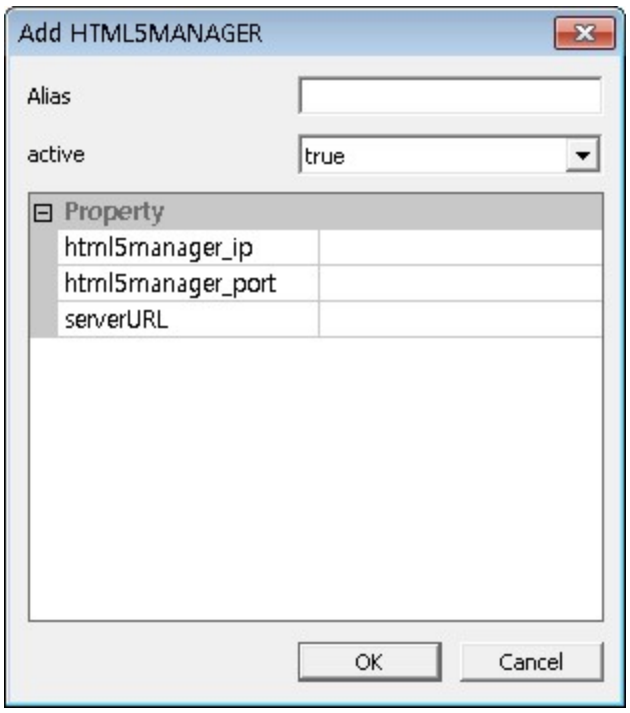
After entering HTML5MANAGER information in the dialog box, click on **[OK]** to add the HTML5MANAGER.

Add HTML5MANAGER Dialog Box

Right click and click on the **[Add]** to open "Add HTML5MANAGER" dialog box.



Alias	Set the alias of Scheduler Server.
active	Set whether to use the OZ Scheduler.
html5manager_ip	Set the OZ Scheduler IP address.
html5manager_port	Set the OZ Scheduler port number.
serverURL	Set the URL of the OZ server, which creates report images when executing the HTML5 viewer.

Edit, Delete HTML5MANAGER

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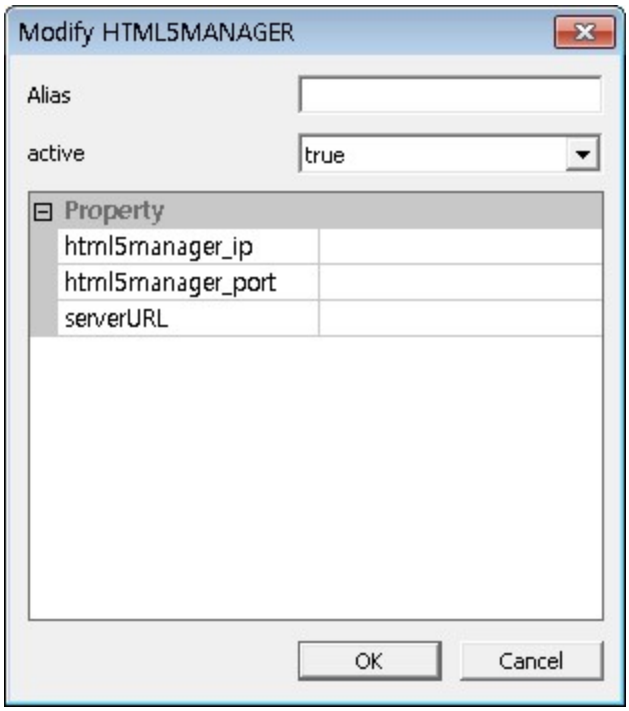
You can edit/delete the HTML5MANAGER configuration.

Edit HTML5MANAGER

Select the HTML5MANAGER configuration to edit, right click on it, and click on **[Edit]** to open the "Modify HTML5MANAGER" dialog box.



After editing configuration information in the dialog box, click on **[OK]** button to confirm.

Delete HTML5MANAGER

Select the Scheduler Server information to delete, right click, and click on **[Delete]** to delete it.

Click on **[OK]**.

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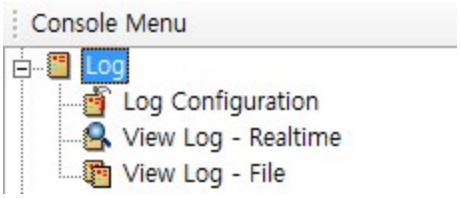
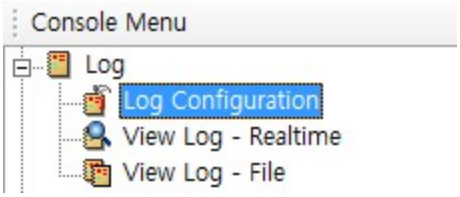
Log

Using the **[Log]** menu of console menu, setting the log, checking saved log.



Log Configuration

Click on the menu of the console **[Log] > [Log Configuration]** menu



Log related properties will be displayed in the Properties window.

To change the value of the property, double-click the value that is set in the bottom of the Properties window, click the **[Save]** button.

Note

For a detailed description of the properties shown in the Properties window, "OZ Server Administrator's Guide", "log.properties" please.

View Log - Realtime

Click on the menu of the console **[Log] > [View Log - Realtime]** menu

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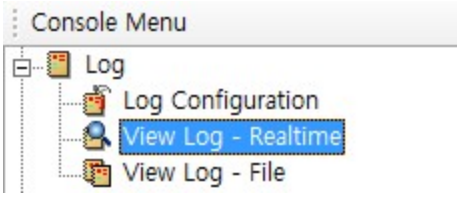
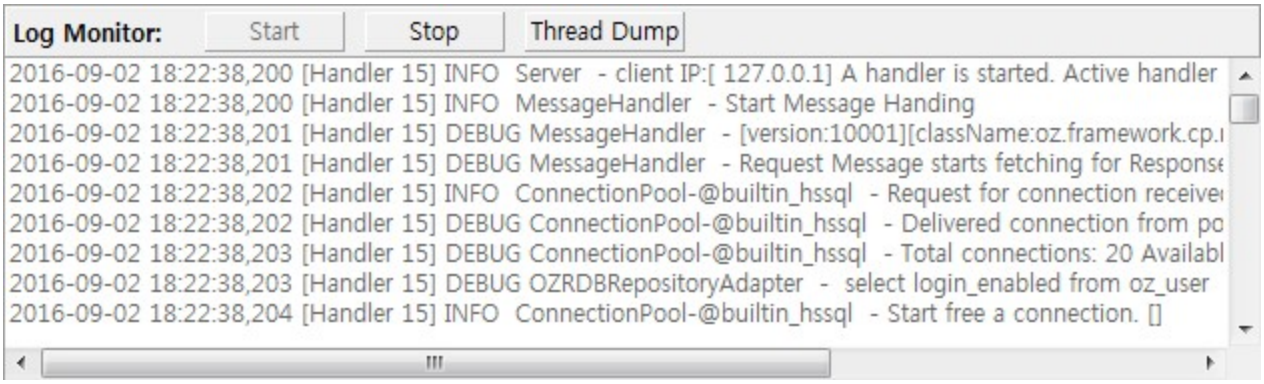


If you click the Properties window from the **[Start]** button, the contents of the log are displayed in real-time.



To stop real-time view log, and click the **[Stop]** button, click the **[Thread Dump]** button to check the thread dump.

Click the **[Search]** button after entering the text you want to search for in the text box next to the search option to search the contents of the log. Order to retrieved content is displayed, when you are double-click focusing searched the contents of the log.

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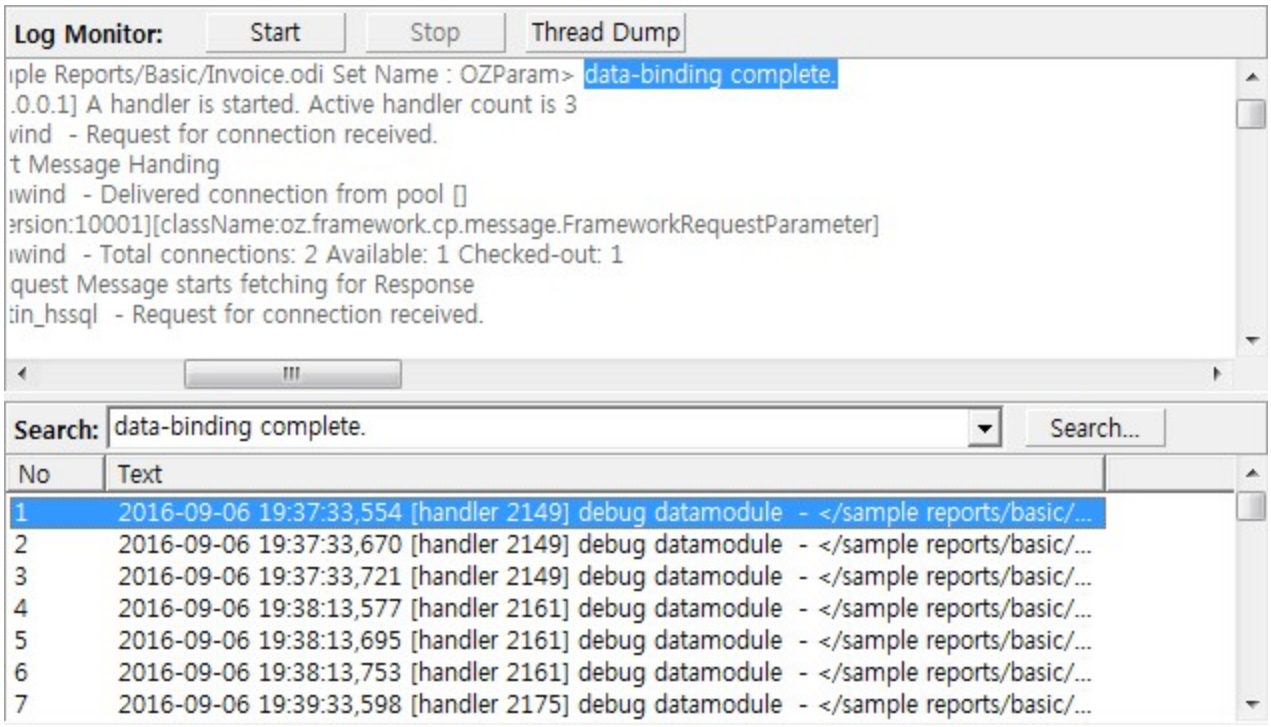
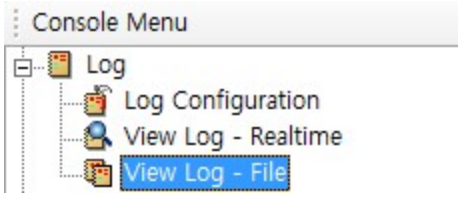


View Log - File

Click on the menu of the console **[Log] > [View Log - File]** menu, verify the log contents of files stored or the log file can be downloaded.



Open Log File

Click the **[...]** button next to the "Open Log File" in the Properties window, "Open Log File" dialog box that appears, double-click on the file to check the logs.

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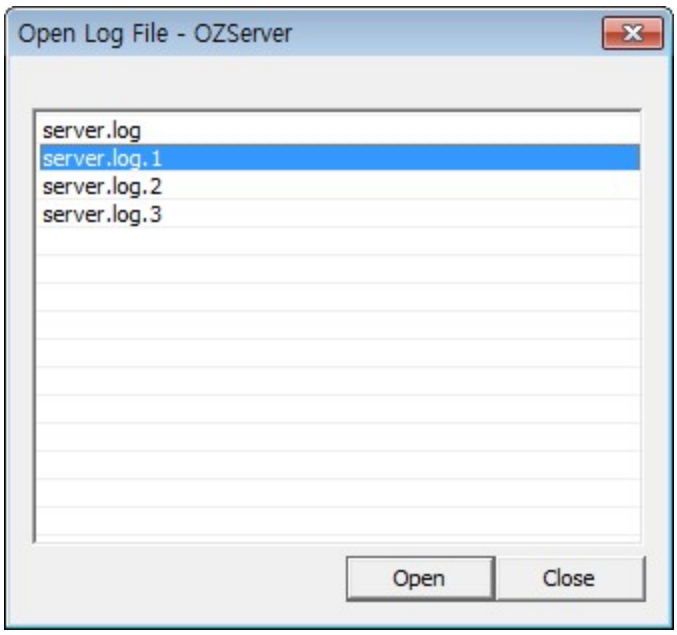
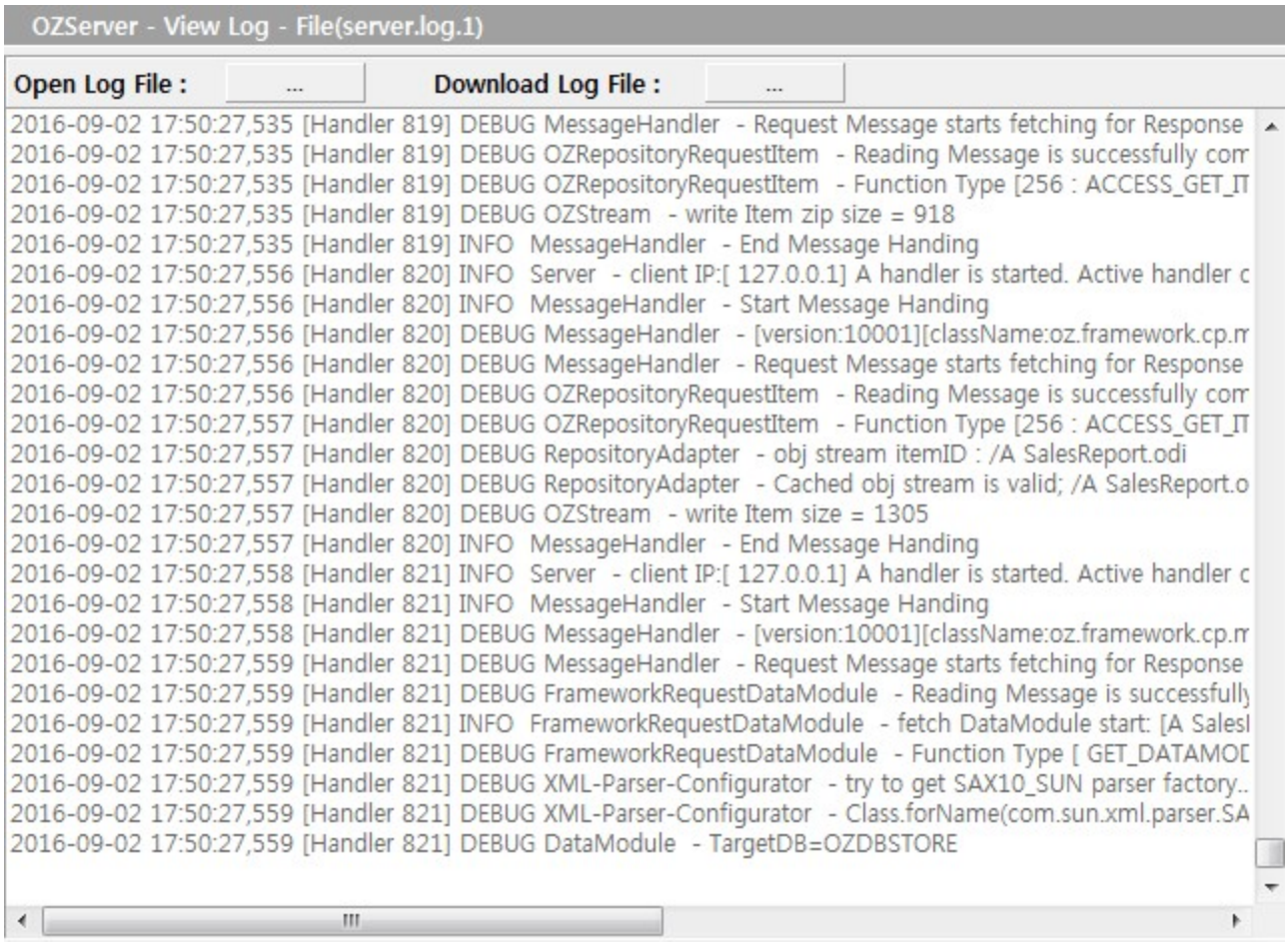


In the selected file displays the stored log contents.



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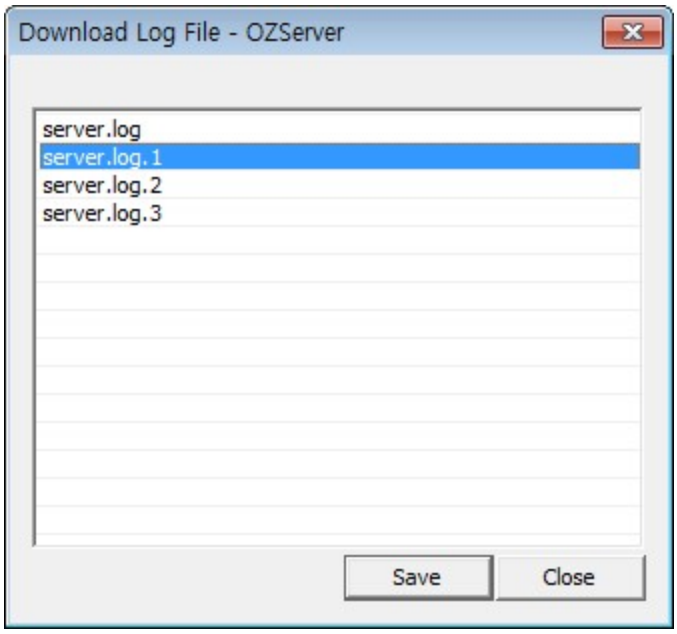
Open Log File from the contents can be searched, search method, please refer to the "log-real-time" part.

Download Log File

Click the **[...]** button next to the "Down Log File" in the Properties window, "Download Log File" dialog box that appears, double-click to save the log file.



After setting the file name and path to save the file save dialog box by clicking the **[Save]** button to save.

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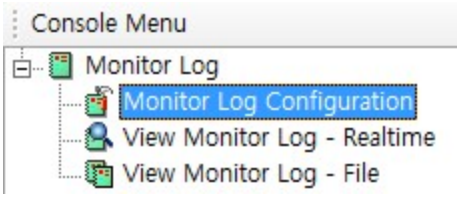
Monitor Log

Using the **[Monitor Log]** menu of console menu, setting the monitor log, checking saved monitor log.

Monitor Log Configuration

Click on the menu of the console **[Monitor Log] > [Monitor Log Configuration]** menu



Monitor log related properties will be displayed in the Properties window.

To change the value of the property, double-click the value that is set in the bottom of the Properties window, click the **[Save]** button.

Note

For a detailed description of the properties shown in the Properties window, "OZ Server Administrator's Guide", "monitor.properties" please.

View Monitor Log - Realtime

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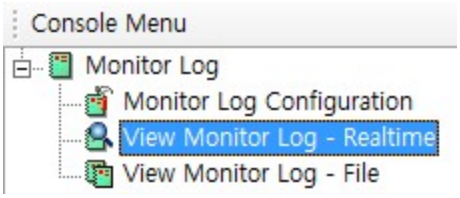
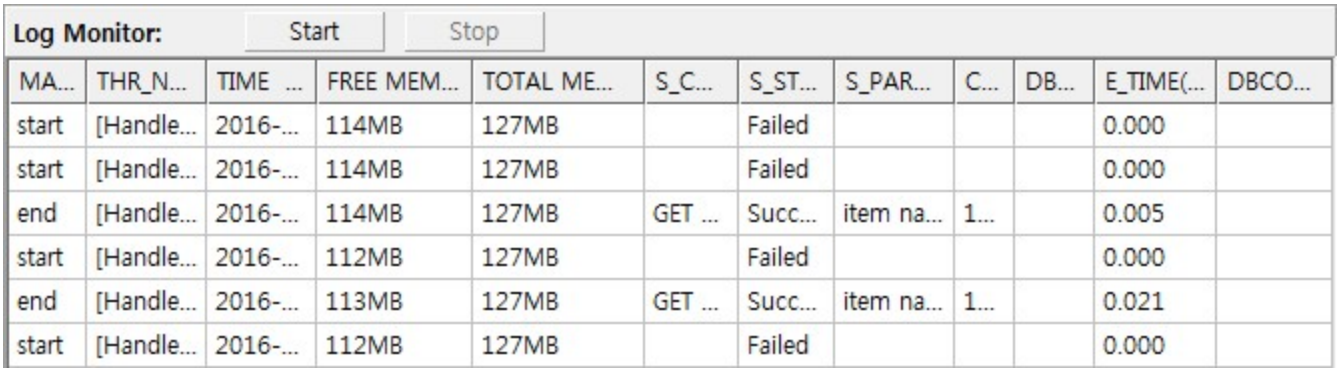
Click on the menu of the console **[Monitor Log] > [View Monitor Log - Realtime]** menu

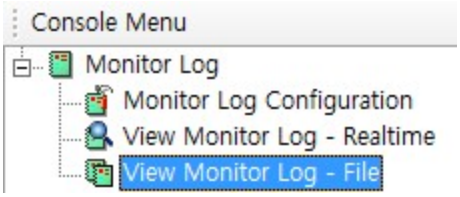


If you click the Properties window from the **[Start]** button, the contents of the monitor log are displayed in real-time.



View Monitor Log - File

Click on the menu of the console **[Monitor Log] > [View Monitor Log - File]** menu, verify the monitor log contents of files stored or the monitor log file can be downloaded.



Open Log File

Click the **[...]** button next to the "Open Log File" in the Properties window, "Open Log File" dialog box that appears, double-click on the file to check the monitor logs.

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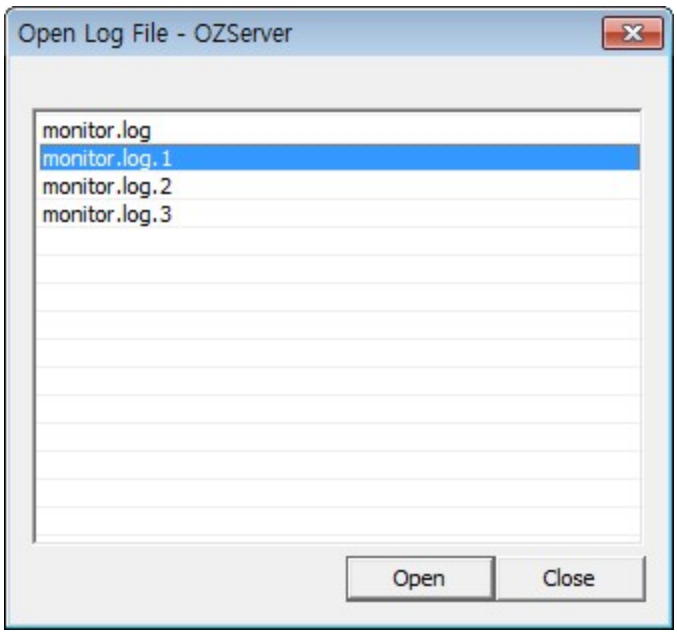

In the selected file displays the stored log contents.

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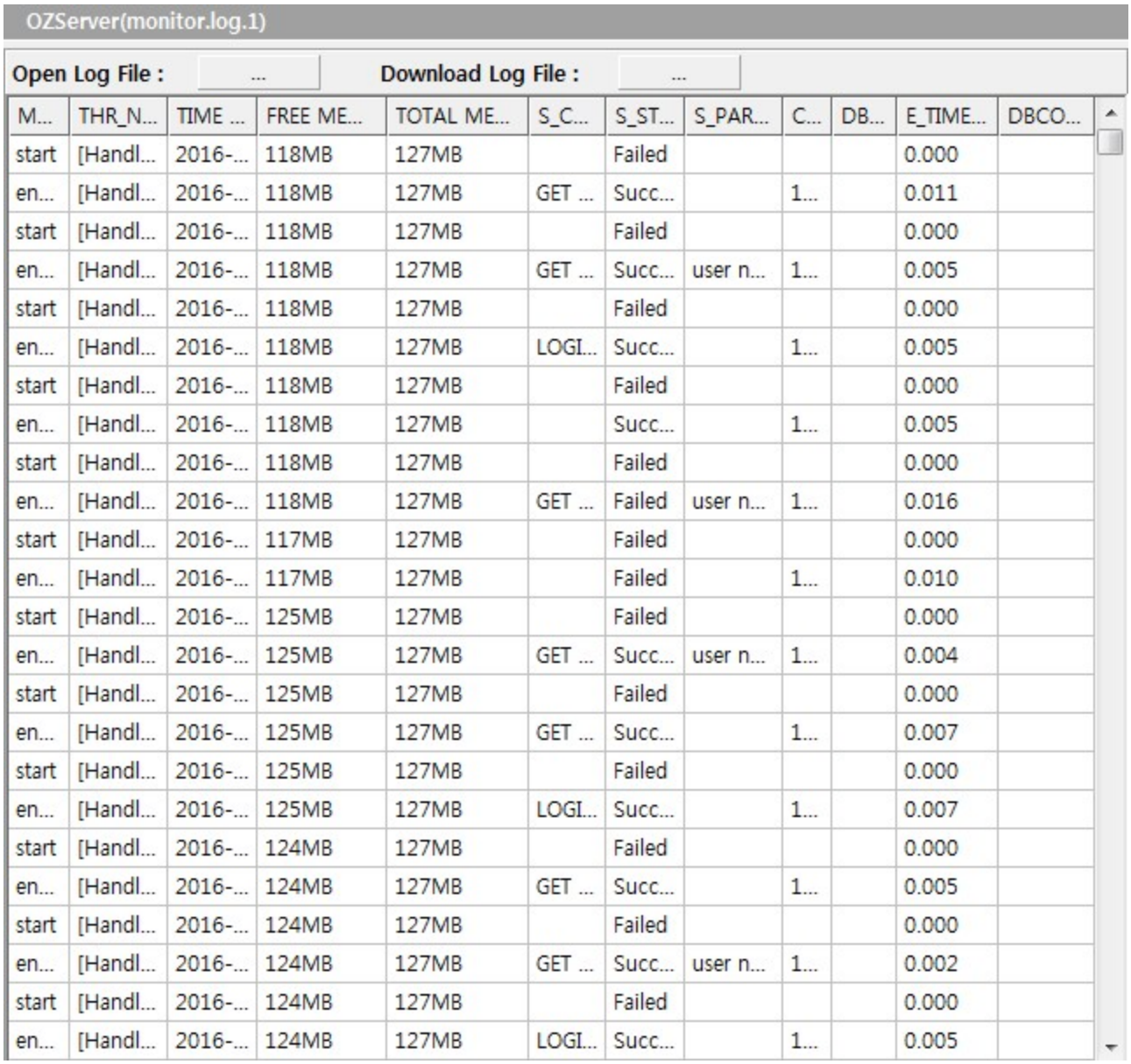

M...	THR_N...	TIME ...	FREE ME...	TOTAL ME...	S_C...	S_ST...	S_PAR...	C...	DB...	E_TIME...	DBCO...
start	[Handl...	2016-...	118MB	127MB		Failed				0.000	
en...	[Handl...	2016-...	118MB	127MB	GET ...	Succ...		1...		0.011	
start	[Handl...	2016-...	118MB	127MB		Failed				0.000	
en...	[Handl...	2016-...	118MB	127MB	GET ...	Succ...	user n...	1...		0.005	
start	[Handl...	2016-...	118MB	127MB		Failed				0.000	
en...	[Handl...	2016-...	118MB	127MB	LOGI...	Succ...		1...		0.005	
start	[Handl...	2016-...	118MB	127MB		Failed				0.000	
en...	[Handl...	2016-...	118MB	127MB		Succ...		1...		0.005	
start	[Handl...	2016-...	118MB	127MB		Failed				0.000	
en...	[Handl...	2016-...	118MB	127MB	GET ...	Failed	user n...	1...		0.016	
start	[Handl...	2016-...	117MB	127MB		Failed				0.000	
en...	[Handl...	2016-...	117MB	127MB		Failed		1...		0.010	
start	[Handl...	2016-...	125MB	127MB		Failed				0.000	
en...	[Handl...	2016-...	125MB	127MB	GET ...	Succ...	user n...	1...		0.004	
start	[Handl...	2016-...	125MB	127MB		Failed				0.000	
en...	[Handl...	2016-...	125MB	127MB	GET ...	Succ...		1...		0.007	
start	[Handl...	2016-...	125MB	127MB		Failed				0.000	
en...	[Handl...	2016-...	125MB	127MB	LOGI...	Succ...		1...		0.007	
start	[Handl...	2016-...	124MB	127MB		Failed				0.000	
en...	[Handl...	2016-...	124MB	127MB	GET ...	Succ...		1...		0.005	
start	[Handl...	2016-...	124MB	127MB		Failed				0.000	
en...	[Handl...	2016-...	124MB	127MB	GET ...	Succ...	user n...	1...		0.002	
start	[Handl...	2016-...	124MB	127MB		Failed				0.000	
en...	[Handl...	2016-...	124MB	127MB	LOGI...	Succ...		1...		0.005	

Download Log File

Click the **[...]** button next to the "Down Log File" in the Properties window, "Download Log File" dialog box that appears, double-click to save the monitor log file.

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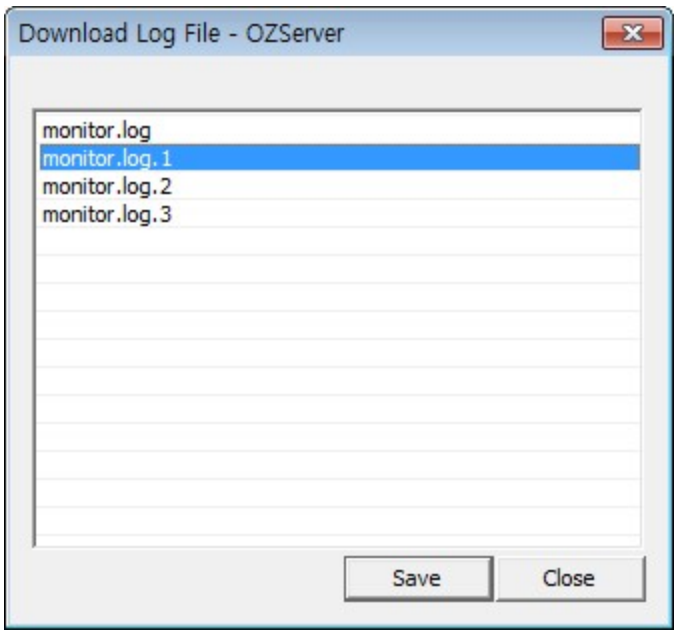

After setting the file name and path to save the file save dialog box by clicking the **[Save]** button to save.

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OZ Scheduler Management and Configuration

This chapter describes how to set Scheduler server, Task, File manage, Log, Monitor log, etc, by using OZ Enterprise Manager.

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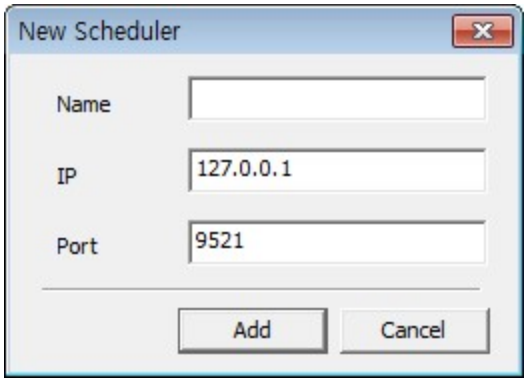
New Scheduler

Click the **[New Scheduler]** menu in a pop-up that appears after right-clicking on the Scheduler list, run "New Scheduler" dialog box.



Fill the blanks in the "New Scheduler" dialog box and click on **[Add]**, then the added scheduler.

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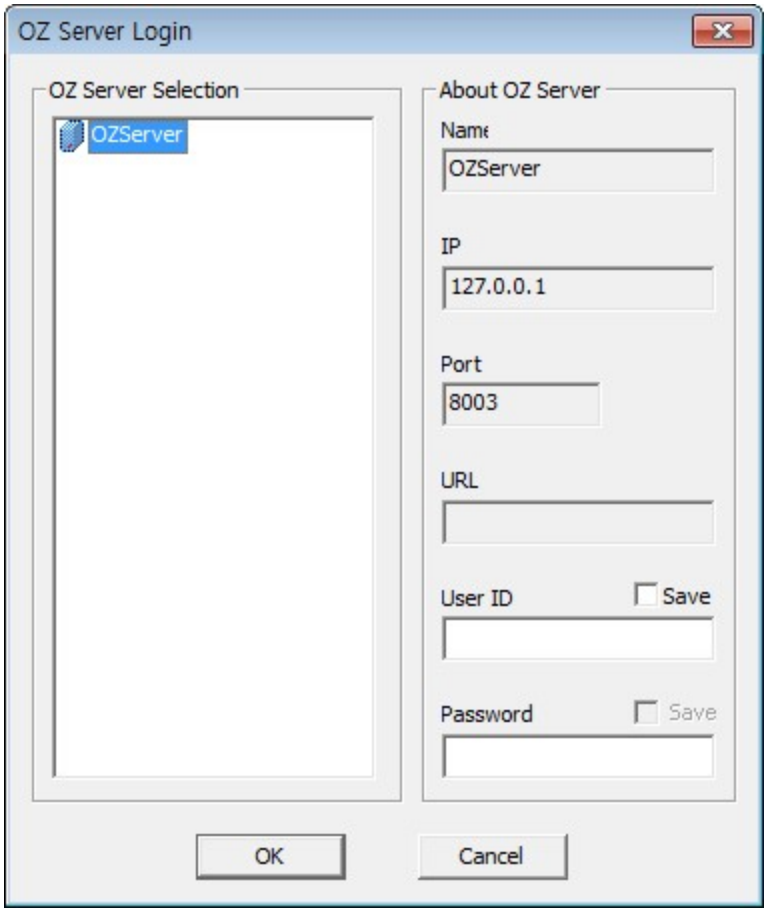
Login Scheduler

To log in to the scheduler, open a pop-up menu by right clicking on the added scheduler and click on **[Connect]**.



After select the server to connect enter a user ID and password with admin rights in "OZ Server Login" dialog box, When you click the **[OK]** button, the Scheduler, and OZ server is connected. Scheduler and OZ server connection is completed, the scheduler can manage icons and menu will be displayed in toolbar and console menu.

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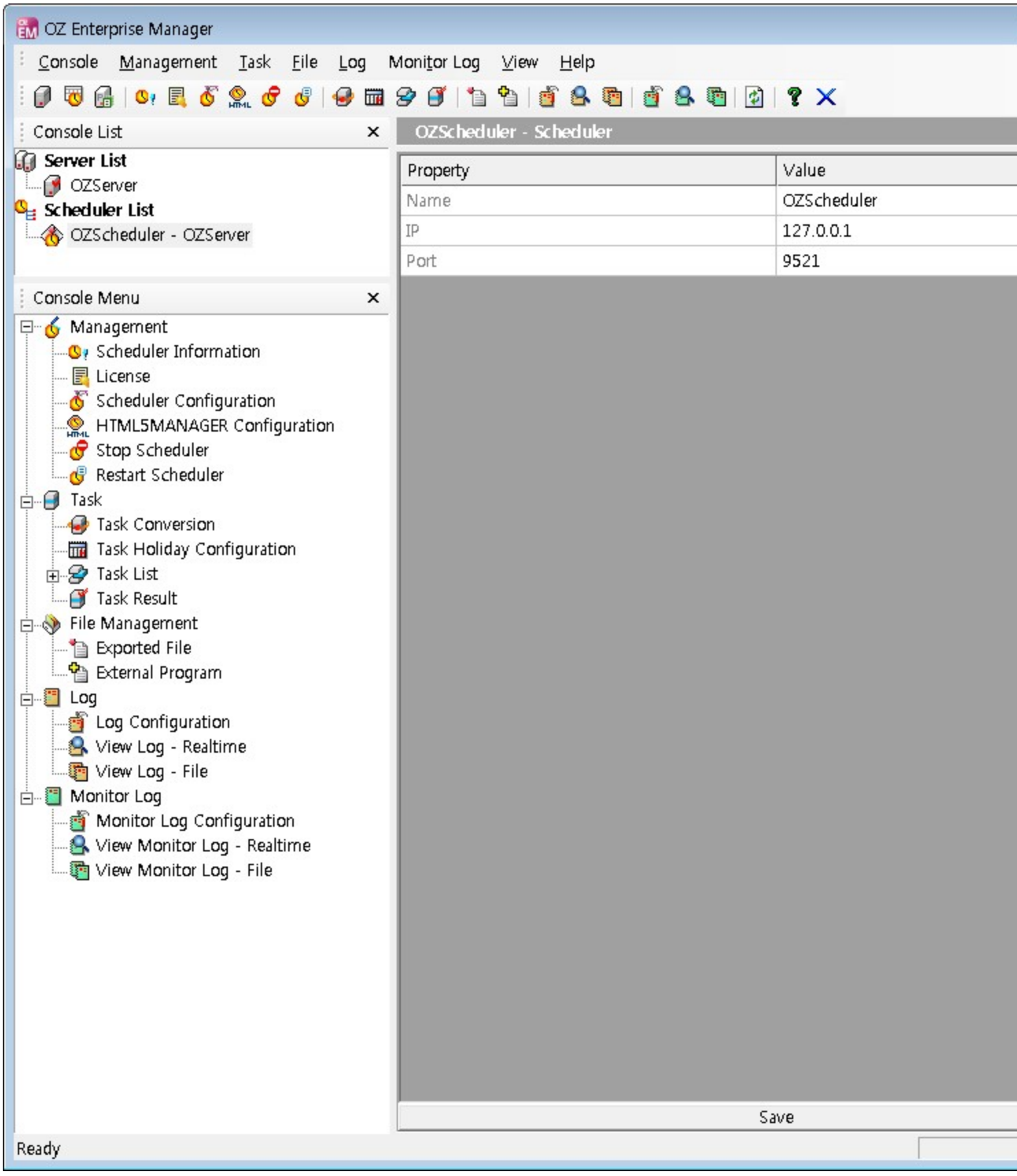

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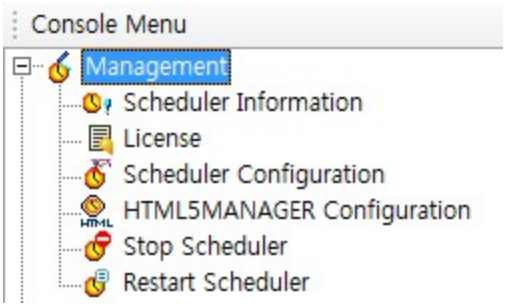
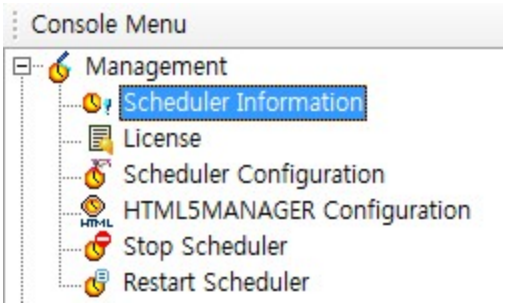
Scheduler Management

[Management] in the console menu using the menu you can check Scheduler Information and you can run License, Scheduler Configuration, HTML5MANAGER Configuration, Stop Scheduler, Restart Scheduler.



Scheduler Information

Click on the menu of the console **[Management] > [Scheduler Information]** menu



Scheduler information related properties will be displayed in the Properties window.

License

Click on the menu of the console **[Management] > [License]** menu

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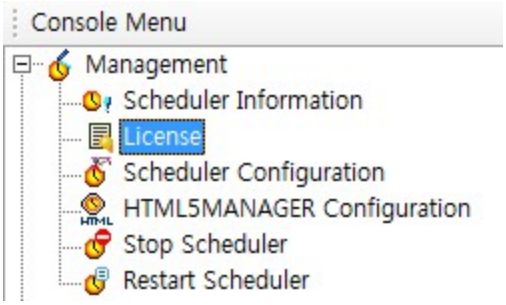
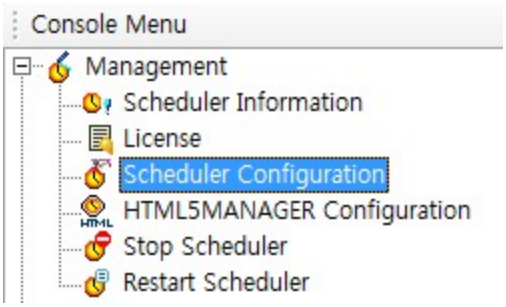


License related properties will be displayed in the Properties window.

Scheduler Configuration

Click on the menu of the console **[Management] > [Scheduler Configuration]** menu



Scheduler configuration related properties will be displayed in the Properties window.

If you want to change the scheduler behavior environment, double-click the value that you set in the bottom of the Properties window, click the **[Save]** button to save, click the **[Management] > [Restart Scheduler]** menu of console menu.

Note

For a detailed description of the properties shown in the Properties window, "OZ Scheduler Administrator's Guide", "scheduler_server.properties" please.

HTML5MANAGER Configuration

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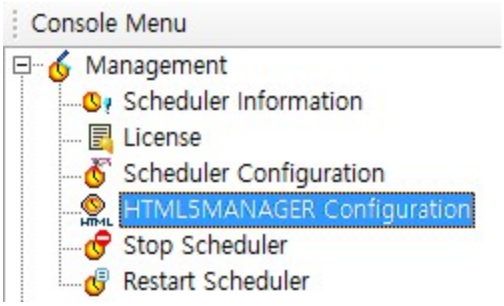
Click on the menu of the console **[Management] > [HTML5MANAGER Configuration]** menu



HTML5MANAGER configuration related properties will be displayed in the Properties window.

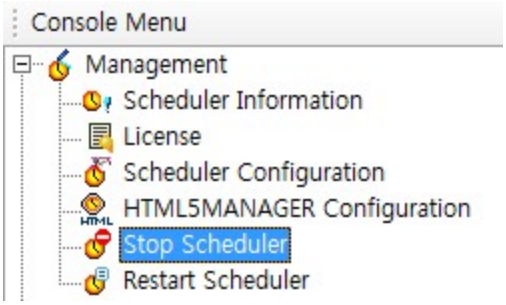
If you want to change HTML5MANAGER configuration, double-click the value that you set in the bottom of the Properties window, click the **[Save]** button to save, click the **[Management] > [Restart Scheduler]** menu of console menu.

Note

For a detailed description of the properties shown in the Properties window, "OZ Scheduler Administrator's Guide", "html5manager.properties" please.

Stop Scheduler

Click on the menu of the console **[Management] > [Stop Scheduler]** menu



Displays a dialog box asking whether the scheduler stops.

When you click the **[OK]** button, the scheduler stop.

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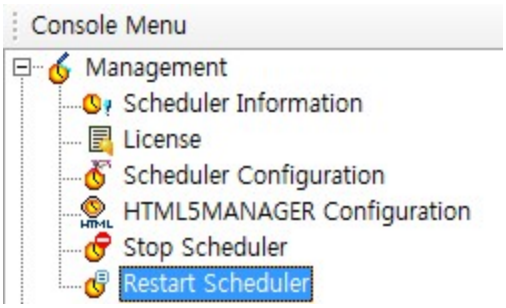
Restart Scheduler

Click on the menu of the console **[Management] > [Restart Scheduler]** menu



Displays a dialog box asking whether the scheduler restarts.

When you click the **[OK]** button, the scheduler restart.

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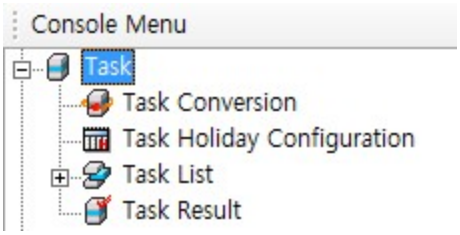
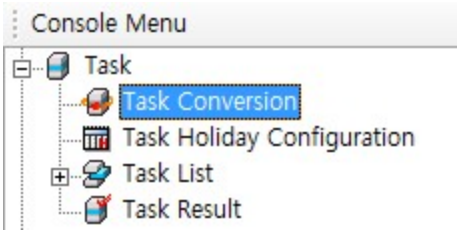
Task

[Task] in the console menu using the menu you can written in a sub-version of the task in the current version, and converted to fit, check the task list, task result.



Task Conversion

Click on the menu of the console **[Task] > [Task Conversion]** menu, show the conversion options in the Properties window.



Set the file or directory where the converted OZS file will be saved either by selecting one in the Select item dialog box that opens up after clicking on the **[...]** button right of the current version option or manually enter in the input window. Click on **[Convert]** after setting the lower version and current version option and the selected lower version files will be converted into ones for the current version in the set path.

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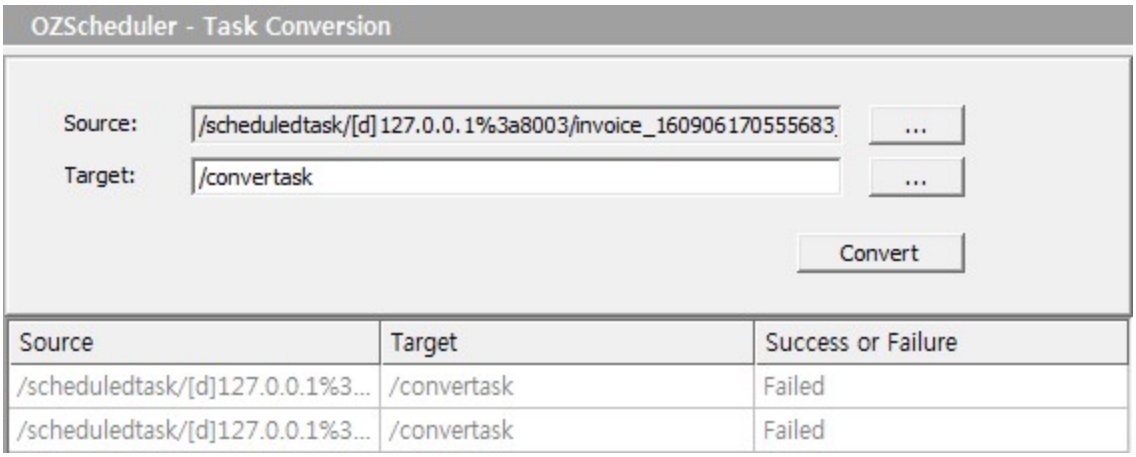
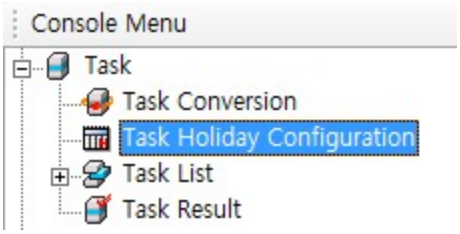


Task Holiday Configuration

Click on the menu of the console **[Task] > [Task Holiday Configuration]** menu



The Task Holiday Group, added to the group Holidays is displayed in the Properties window.

Note

To use the [Task Holiday Configuration] menu, the "TaskHoliday" property in the Scheduler configuration window that appears after clicking on [Manage] > [Scheduler Configuration] in the Menu bar must be set to "true".

For a detailed description of the properties shown in the Properties window, "OZ Server Administrator's Guide", "TaskHoliday.xml" please.

Add Task Holiday and Group

You can add the task holiday and holiday group.

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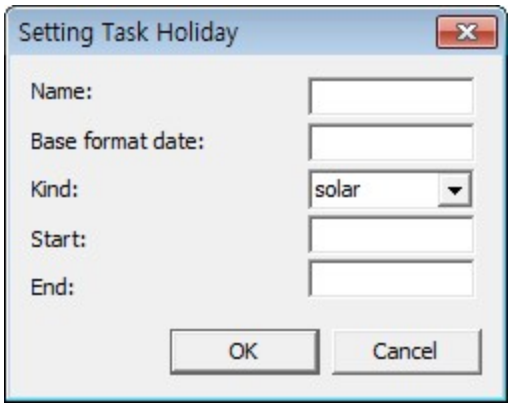
Add Task Holiday

After you click on "Task-Holiday" that Root of the holiday group representing in the Setting Task Holiday window, by right-clicking on an empty area of the window list from the pop-up menu that appears, click the **[Add]** menu settings dialog box holiday task execution.



"Setting Task Holiday" dialog box from the holiday's name, indicating the date of the holiday standard formats, solar/lunar calendar, the kind that, when you click the **[OK]** button after you enter your holiday start date, end date for the holidays The holidays will be added to the Root. After the holidays add in the bottom of the Properties window, click the **[Save]** button.

Added Task Holiday to the Group

After you click the group, from the pop-up menu that appears by right-clicking on an empty area of the Group Holidays List window run "Holiday" dialog box by clicking the **[Add]** menu.

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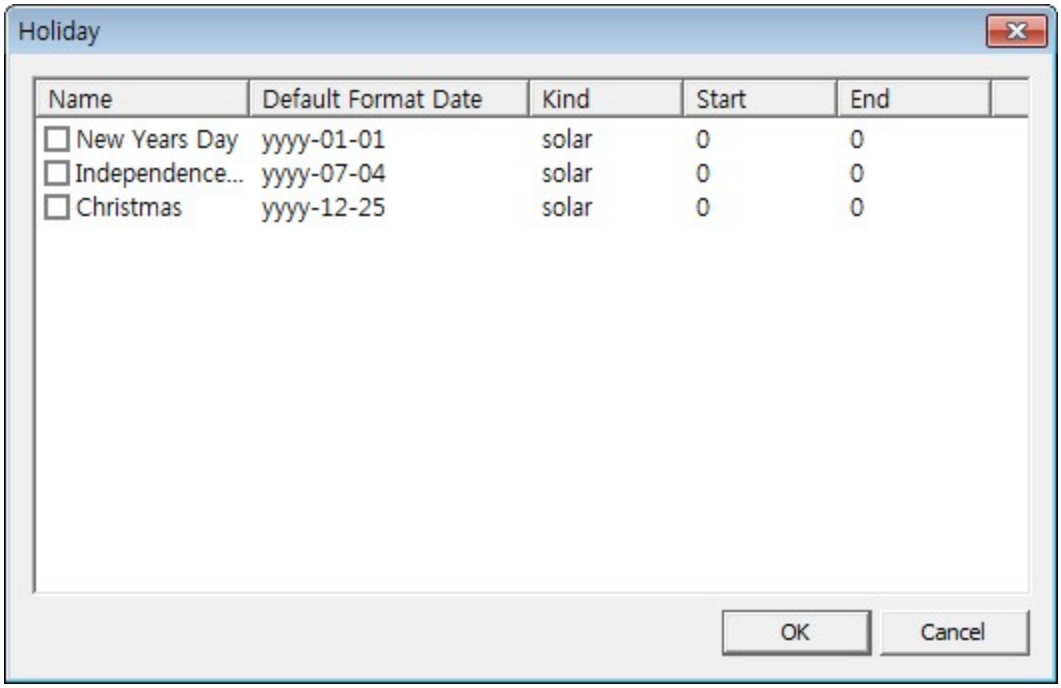
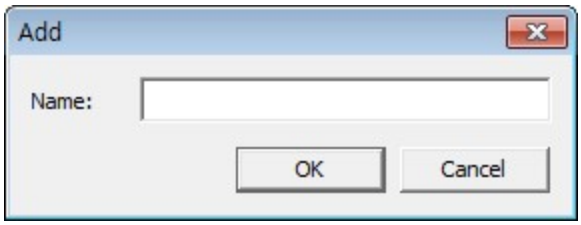


After checking From the group to be added to the holiday "Holiday" dialog box, click the **[OK]** button. After the holidays add in the bottom of the Properties window, click the **[Save]** button.

Add Holiday Group

Root of the holiday group representing the "Task-Holiday" by right-clicking on the **[Add]** menu in the pop-up menu that appears, run the "Add" dialog box.



After Enter the name of the group from the "Add" dialog box when you click the **[OK]** button, the group is added to the holiday. After the Group Holidays addition is complete, click the **[Save]** button in the bottom of the Properties window.

Edit, Delete Task Holiday

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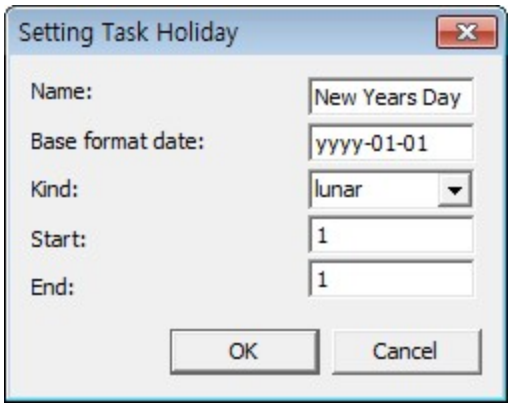
You can edit/delete the task holiday and holiday group.

Edit Task Holiday

That the Root of the holiday group by clicking on the "Task-Holiday" in the Setting Task Holiday displays holiday list window. Right-click the task you want to modify holidays From the pop-up menu that appears, click the **[Modify]** menu, run the "Setting Task Holiday" dialog box.



After you enter your holiday name, base format date, Solar/lunar calendar kind, holiday start date, end date for the holidays in "Setting Task Holiday" dialog box, click the **[OK]** button. After the holidays modify in the bottom of the Properties window, click the **[Save]** button.

Delete Task Holiday

That the Root group's holiday in Setting Task Holiday, click "Task-Holiday" window displays the holiday list. Will display a dialog box asking whether to delete the menu, click **[Delete]** from the pop-up menu that appears, delete by right-clicking on the task holidays.
Click the **[OK]** button, the task holidays will be deleted. After the holidays deleted in the bottom of the Properties window, click the **[Save]** button.

Delete Holidays Added to the Task Group

By clicking on the group is added to the group that represents the holiday displays a window list. Will display a dialog box asking whether to delete the menu, click **[Delete]** from the pop-up menu that appears, delete by right-clicking on the task holidays.

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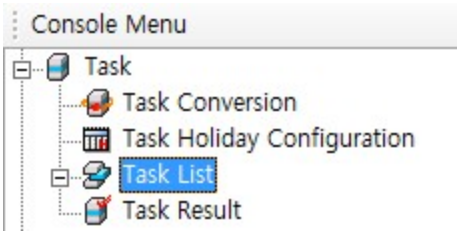
Click the **[OK]** button, the task holidays will be deleted. After the holidays deleted in the bottom of the Properties window, click the **[Save]** button.

Task List

Click on the menu of the console **[Task] > [Task List]** menu



The Task List is displayed in the Properties window.

Task Name	Task Name.
Task ID	Task ID.
Category	Item category of the file at which task is to be executed.
Item Name	Item file name.
Type	Schedule type of task **Once at specific time Periodically:** Once at specific time Periodically **Periodically:** Periodically
Last Run Time	The time of the last task execution.
Next Run Time	The time of the next task execution.
Status	Task status. **PAUSE:** PAUSE **RUN:** RUN

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	WAITING: WAITING

Add Task

Click on the menu of the console **[Task] > [Task List]** menu, the Task List is displayed in the Properties window. [Add] menu in the Task List window by clicking the right mouse button pop-up menu that appears, add the Report Create Task, SDM Create Task, Print Create Task.

Report Create Task

OZ Reports designers made a report to export files in a variety of file formats such as PDF, Word, Excel, JPG task. By changing the parameter values on export can be exported in various forms.

SDM Create Task

SDM(Data Module) generate task on the large amounts of data or database server that a lot of the load. Data Module generated by changing the parameter values can be generated in the form of a variety, when the OZ viewer requests that data transfer SDM generated response rate can be improved.

Print Create Task

Task is to print a report file created by OZ Reports designers. when printing a report by changing the parameter values can be printed in various forms.

Note

If Viewer type NONE and print create task does not support, during Report create task execution only OZD files can be exported.

Viewer type is by clicking on the menu [Management] > [scheduler settings] in the Properties window that appears can be found on the ViewType.

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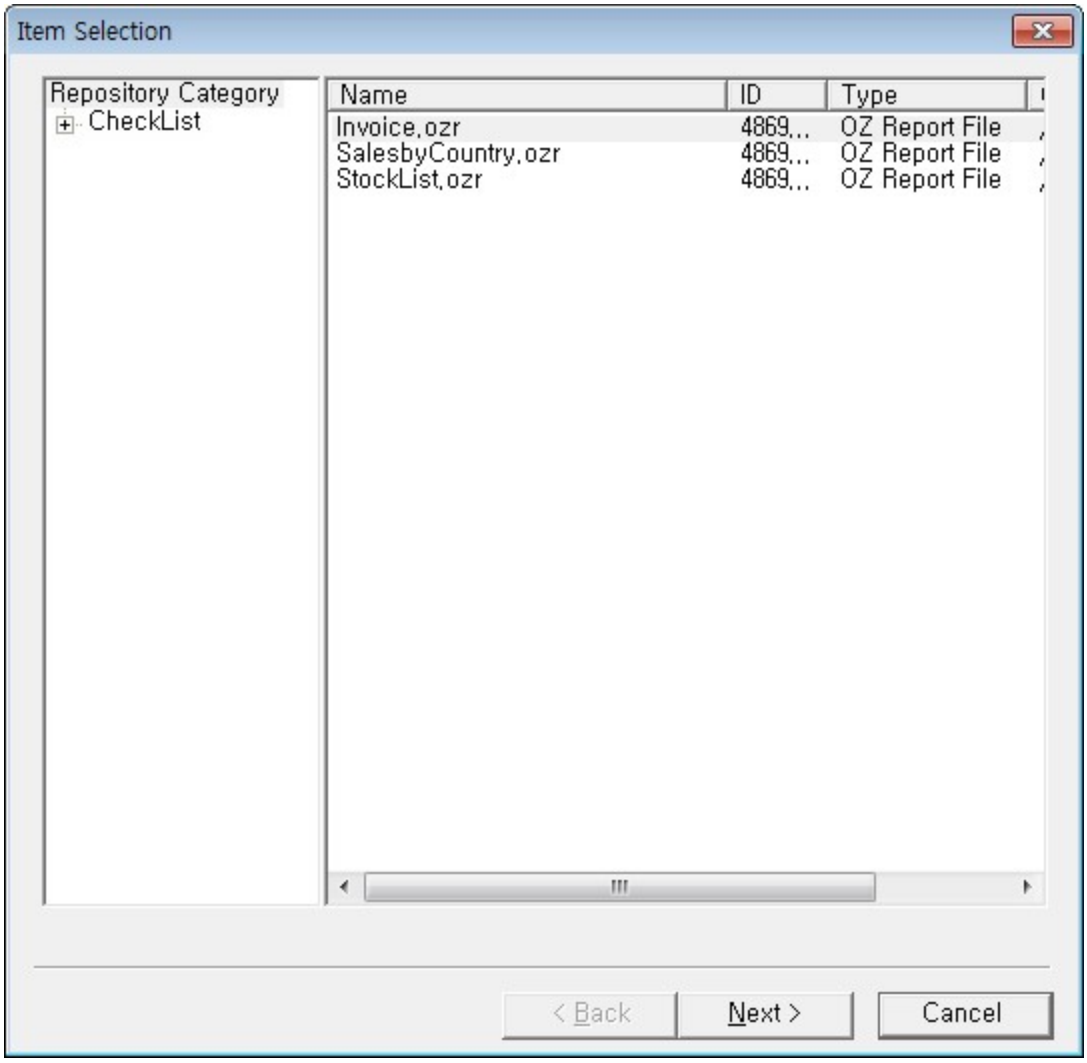
Report Create Task

Add a report create task by clicking on **[Add] > [Add Report Create Task]** in a pop-up that opens up when right-clicking in the Task List window. Click on **[Add] > [Add Report Create Task]** and the "Item Selection" dialog box will open up and the items of OZ report type received from the server connected to the dialog box will show up. Now select items to add.



Clicking on [Next] will open up the "Task Option" dialog box.(FX parameter is only visible in a report by adding FX data.)

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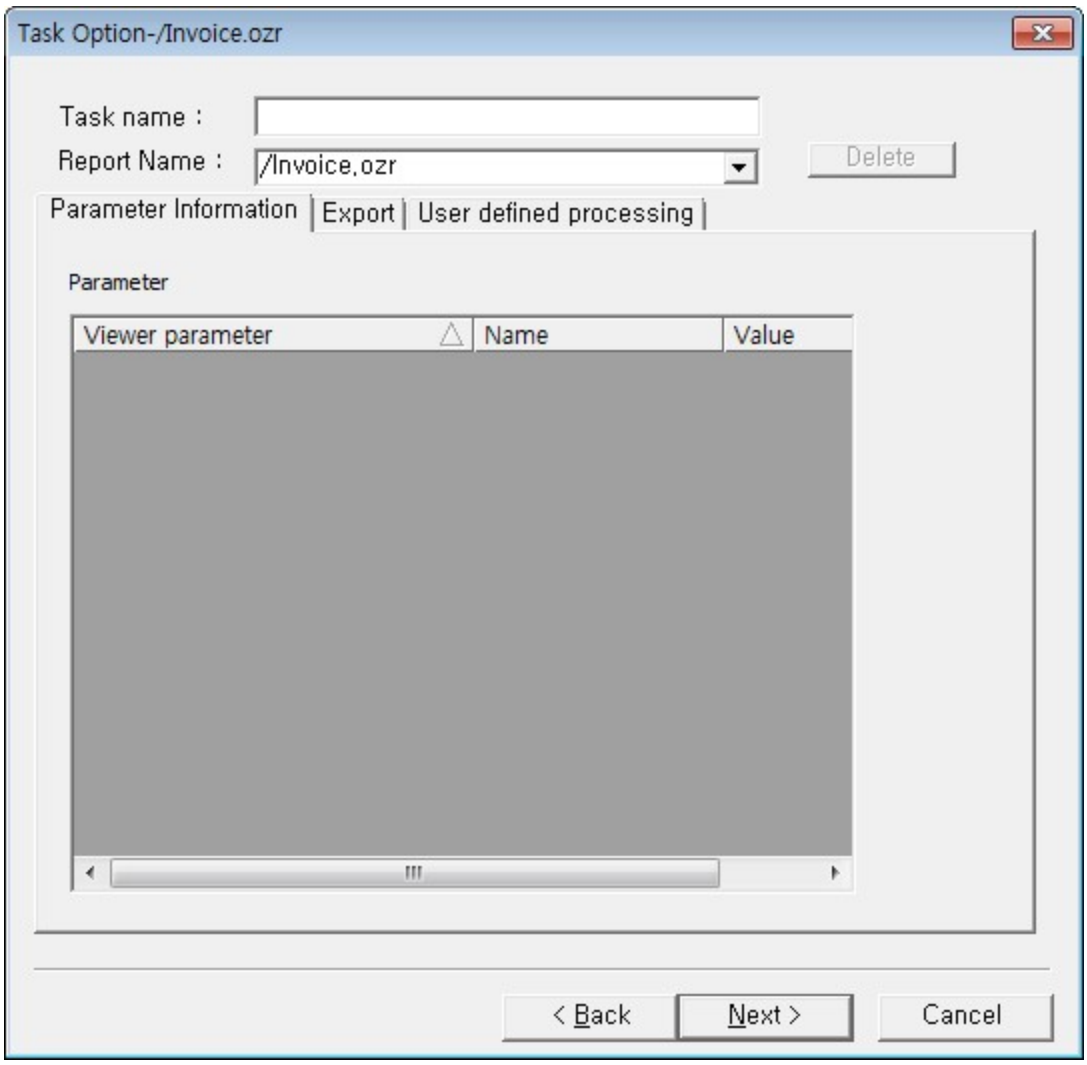

Set the **[Parameter Information], [Export], [User defined processing]** tab of "Task Option" dialog box in the task execution options and click the **[Next]** button.

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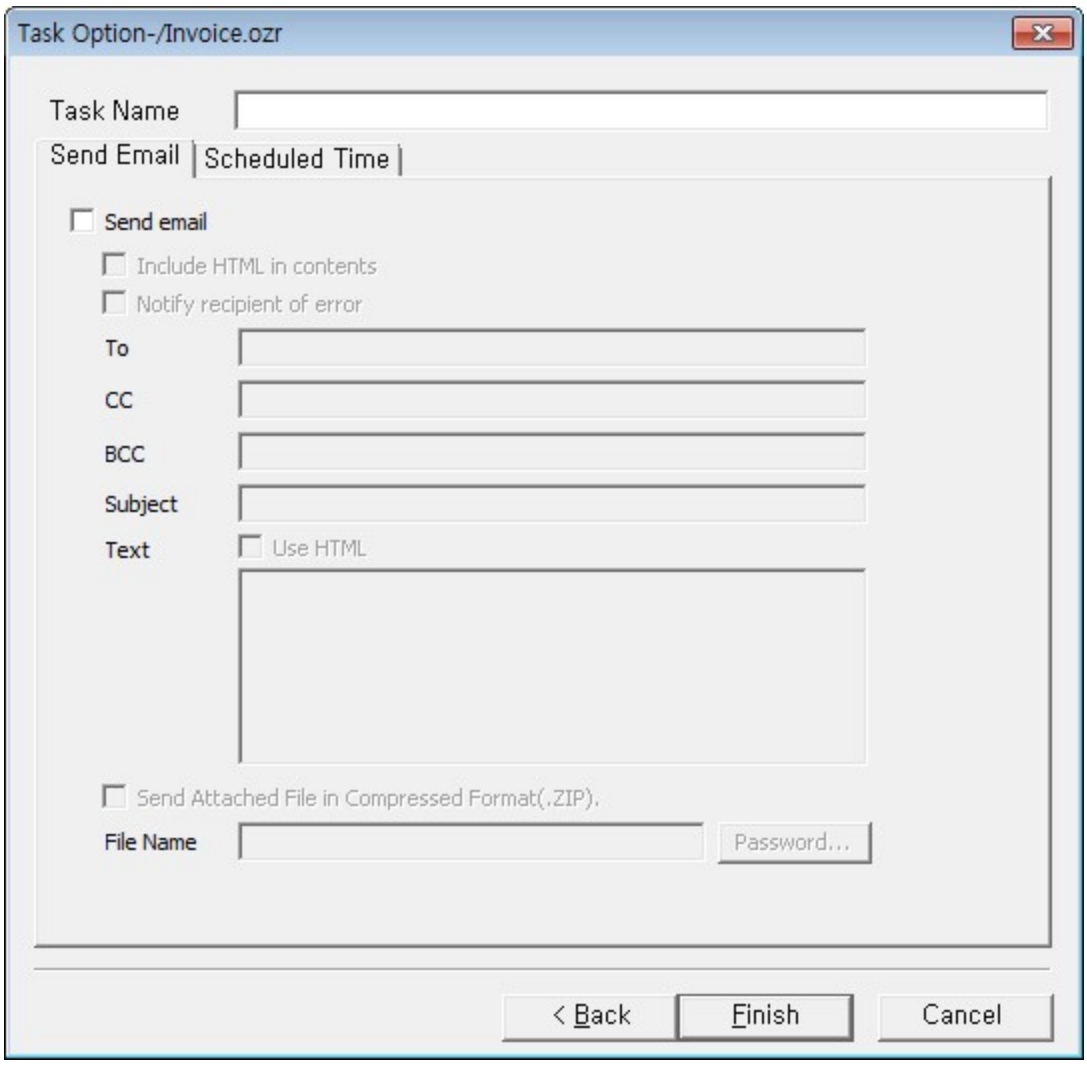

After setting whether or not the e-mail sent, scheduled time on the **[Send Email], [Scheduled Time]** tab and click the **[Finish]** button.

SDM Create Task

In the pop-up that opens up when right-clicking on the Task List window, click on **[Add] > [SDM Create Task]** to add an SDM create task.

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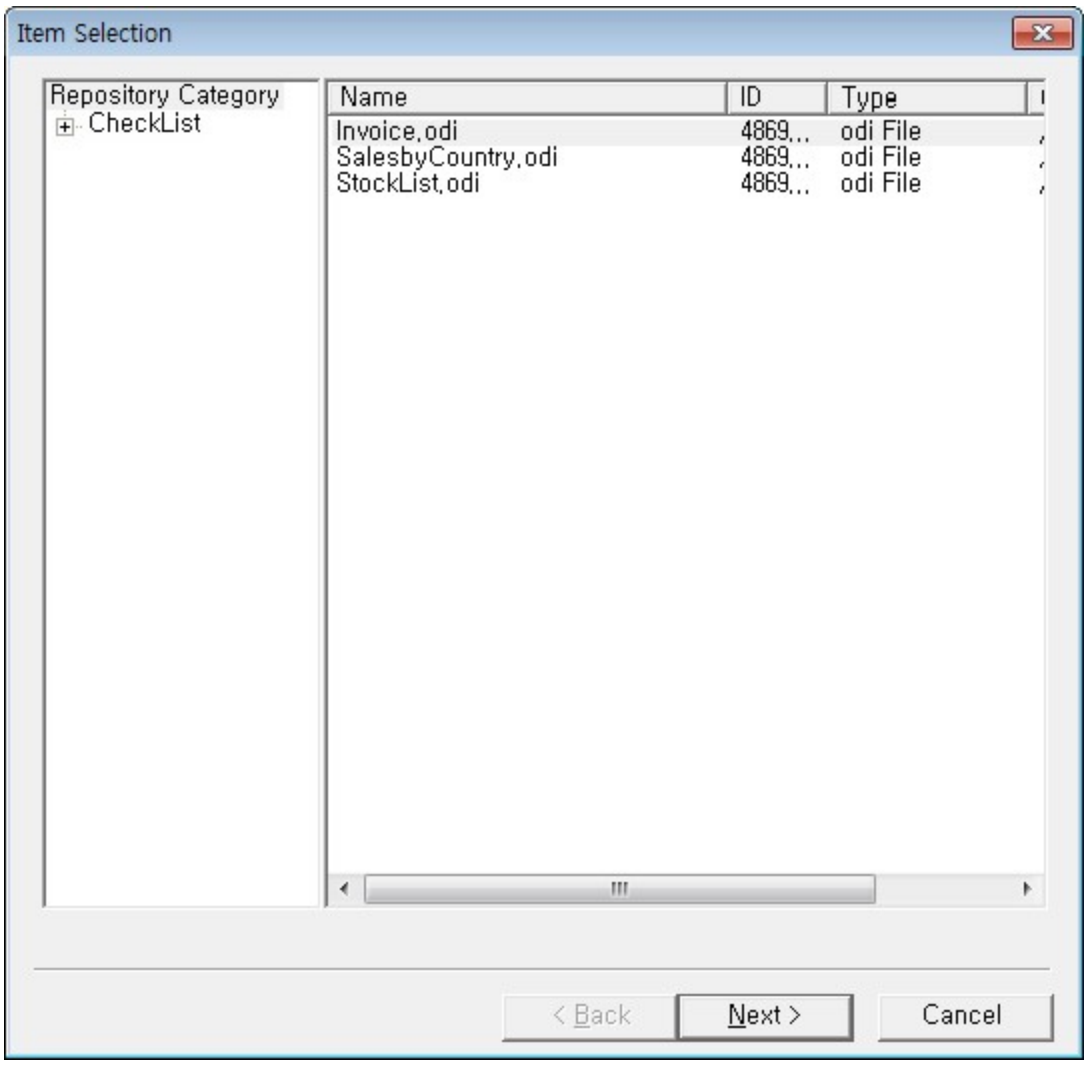

After selecting the ODI file to create a task in the "Item Selection" Click the **[Next]** button to execute "Task Option" dialog box.

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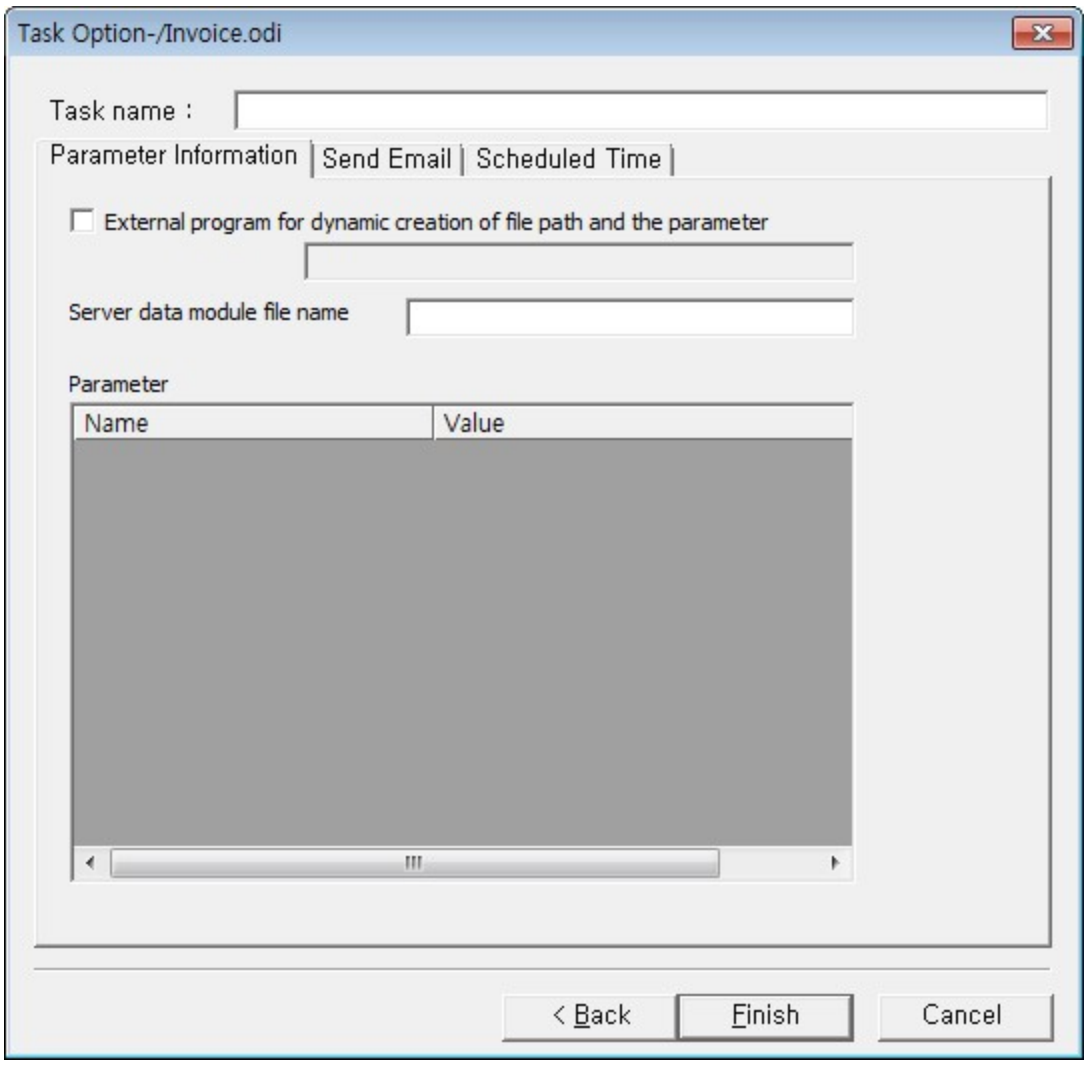

Set the **[Parameter Information], [Send Email], [Scheduled Time]** tab of "Task Option" dialog box and click the **[Finish]** button.

Print Create Task

In a pop-up that opens up when right-clicking on the Task List window, click on **[Add] > [Print Create Task]** to add a print create task.

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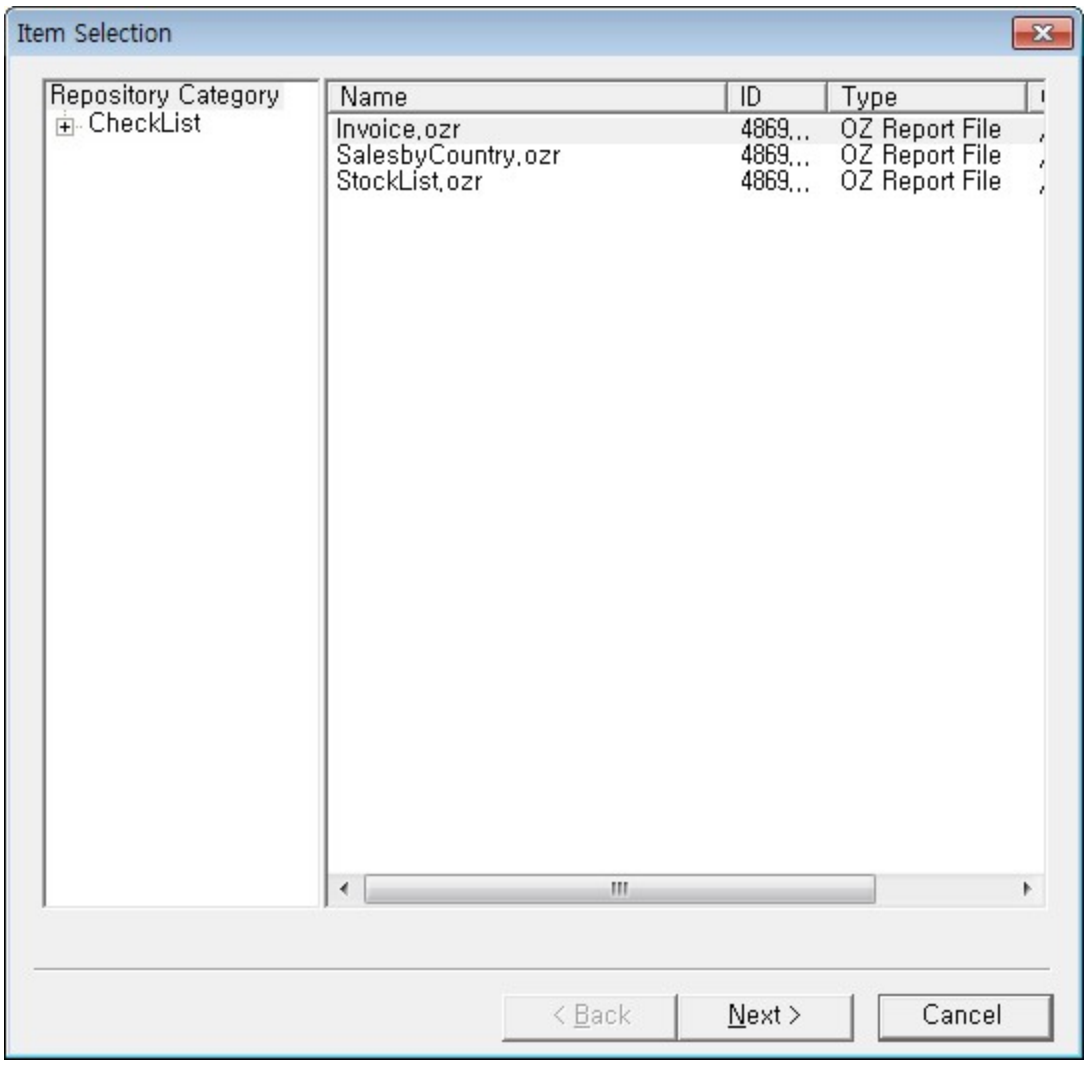

Clicking on **[Add] > [Print Create Task]** will open up the "Item Selection" dialog box which shows the items of OZ Report. Clicking on **[Next]** will open up the "Task Option" dialog box.(FX parameter is only visible in a report by adding FX data.)

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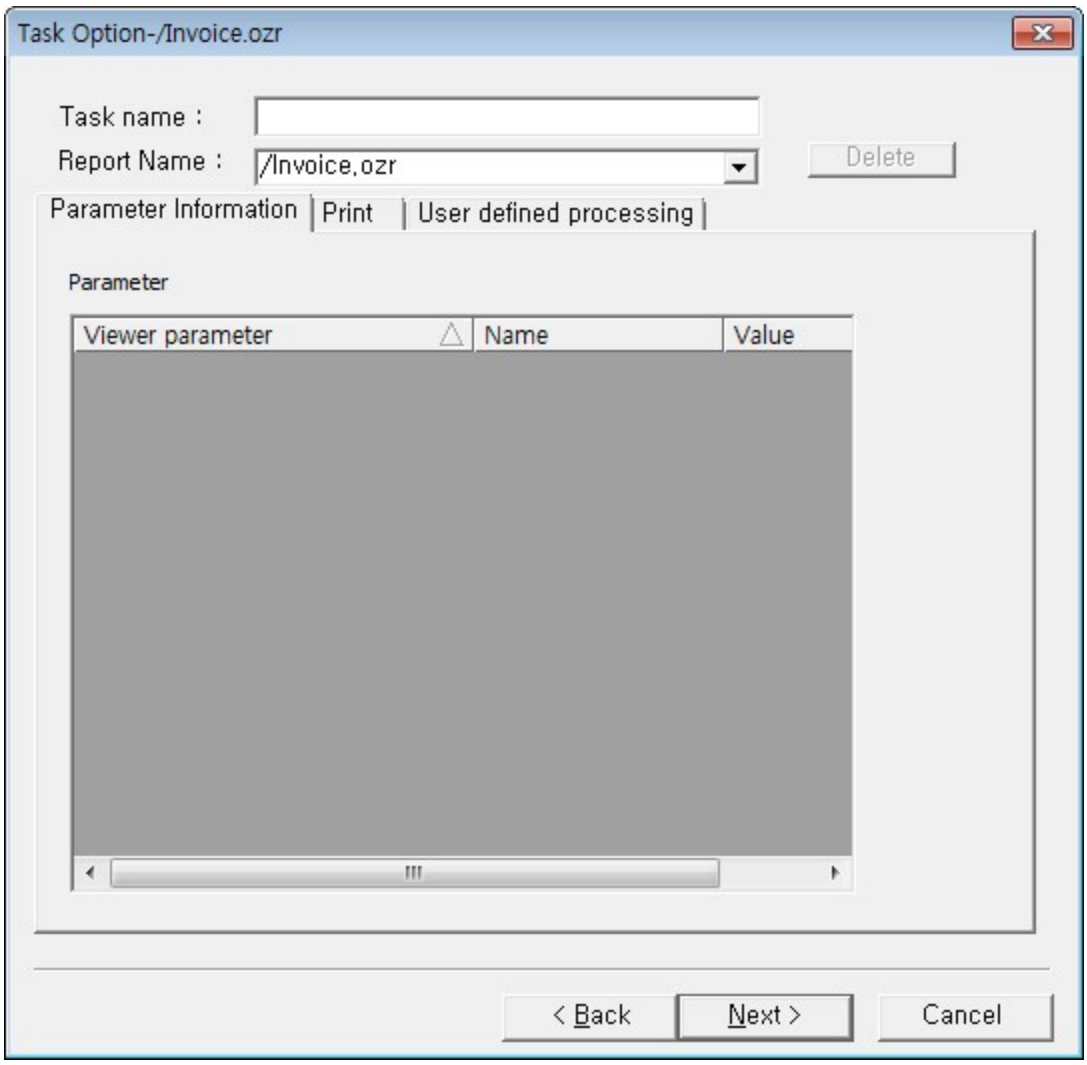

Set the **[Parameter Information], [Print], [User defined processing]** tab of "Task Option" dialog and click the **[Next]** button.

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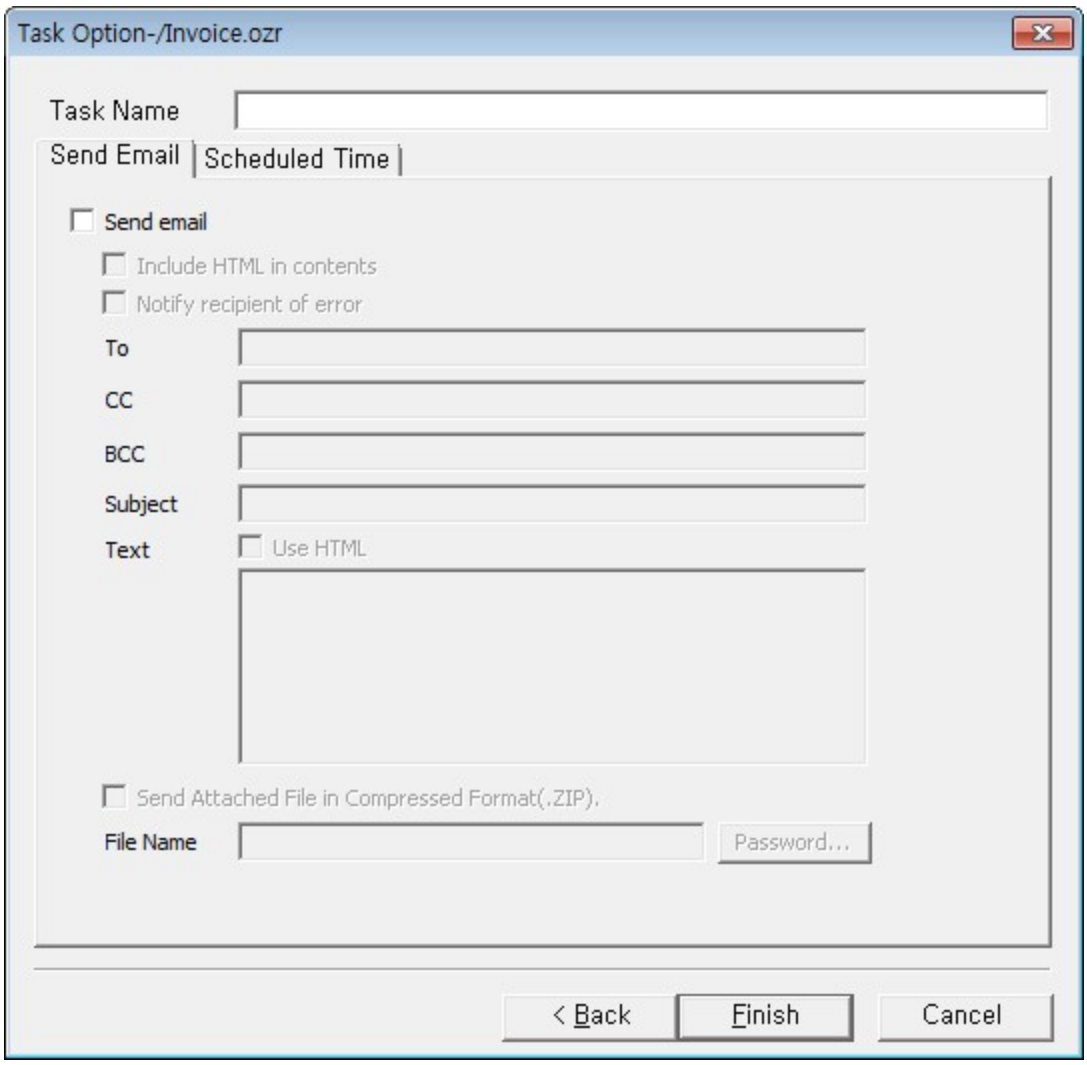

After setting whether or not the e-mail sent, scheduled time on the **[Send Email], [Scheduled Time]** tab and click the **[Finish]** button.

Note

If viewer type interact with the scheduler is NONE, Print create task does not support.

Edit, Delete, View Result Task

You can edit/delete the task or view task results.

Edit Task

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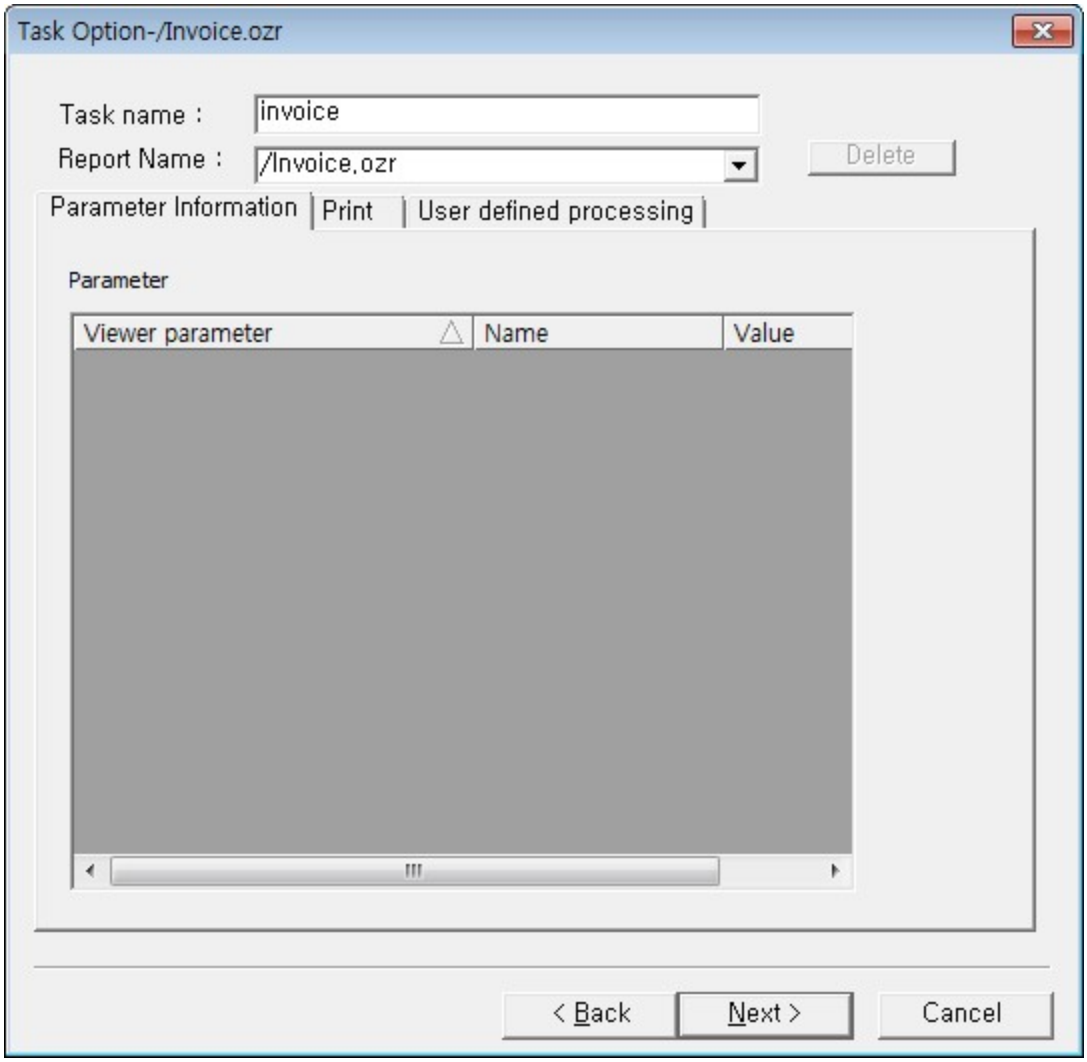
Open a pop-up menu by right-clicking on a task to edit in the Task List window, click on **[Edit]** to open up the "Task Option" dialog box to edit the task.



After changing the option to move each tab and click the **[Next], [Finish]** button.

Delete Task

Open a pop-up menu by right clicking on a task to delete in the Task List window and click on **[Delete]** to delete the task.

Click on **[OK]**.

View Result Task

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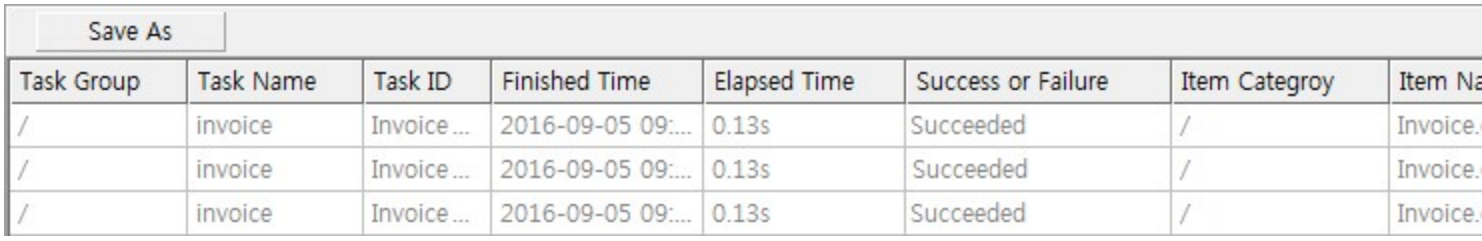
Click on **[View Result]** in the pop-up that opens up when right-clicking on a task in the Task List window. Clicking on **[View Result]** will show the task results in the Task List window.



Click **[Save As]** to save the task results to a file.

If there is an error message, right click on it and click **[View Error]** to read the details.

Task Option

Set the options to be applied when you run the task such as Parameter Information, Export file format, Pre/post-processing options, Send Email options, Scheduled time, Print options, etc.

Parameter Information

Click on **[Parameter Information]** tab in "Task Option" dialog box set the form parameters and he ODI parameter values.

If the parameters have been added to the OZR, ODI file is automatically displayed in the input parameters.

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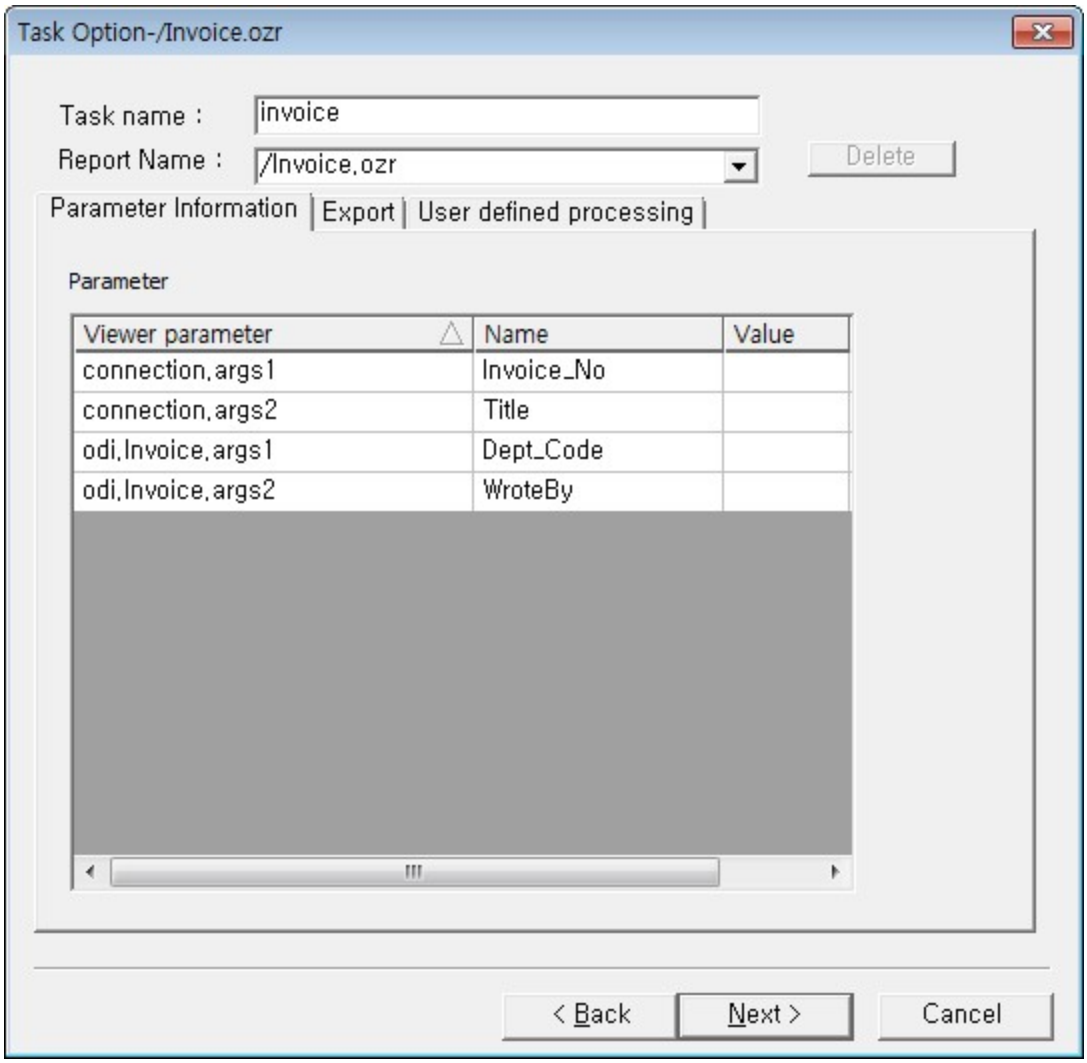

Export

Click on **[Export]** tab in "Task Option" dialog box set the Report create task file save option.

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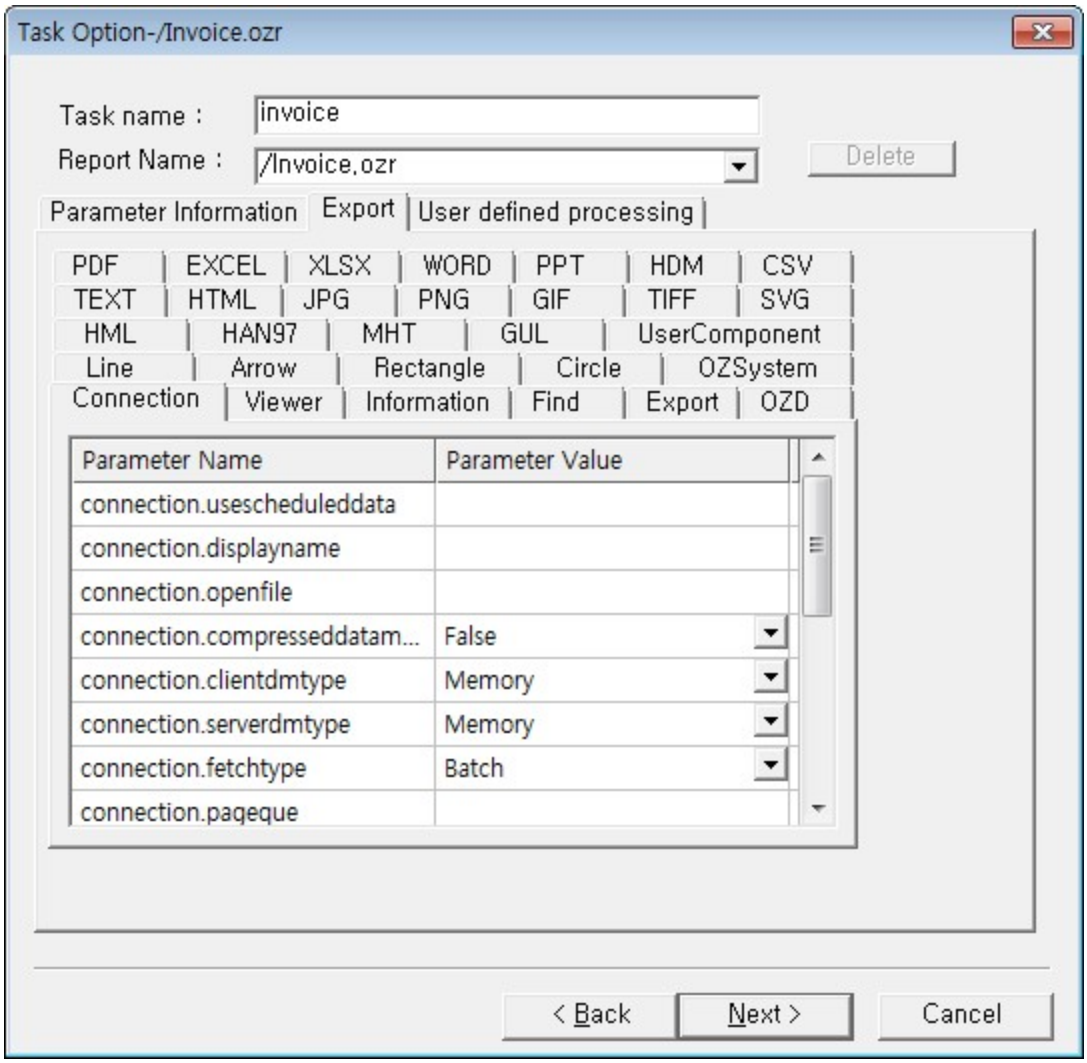

Note

If the viewer type that works with the scheduler NONE, only OZD can be exported to a file.

User defined processing

Click on **[User defined processing]** tab in "Task Option" dialog box set the Pre/Post-processing task program.

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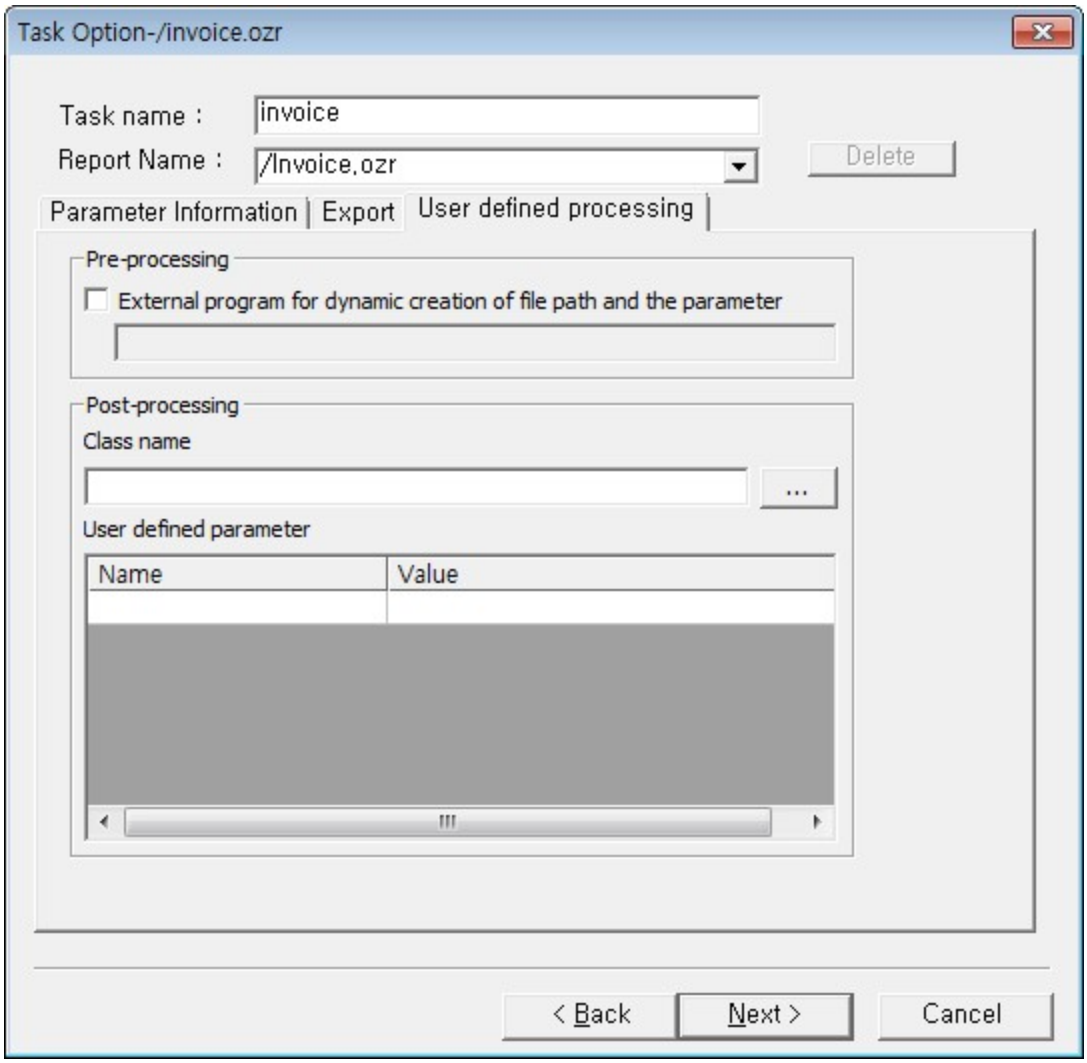

Pre-processing	Set to execute an external program before task execution.
Post-processing	Set up the program information to be executed after the task execution completes normally. **Class name:** Set the post processing class name. The class name is set in the file scheduler_server.properties direct input or can be set by the user-defined class, the dialog box appears, click [...] button. **User defined parameter:** Sets the parameter name and value when the post-processing program is executed to apply.

Send Email

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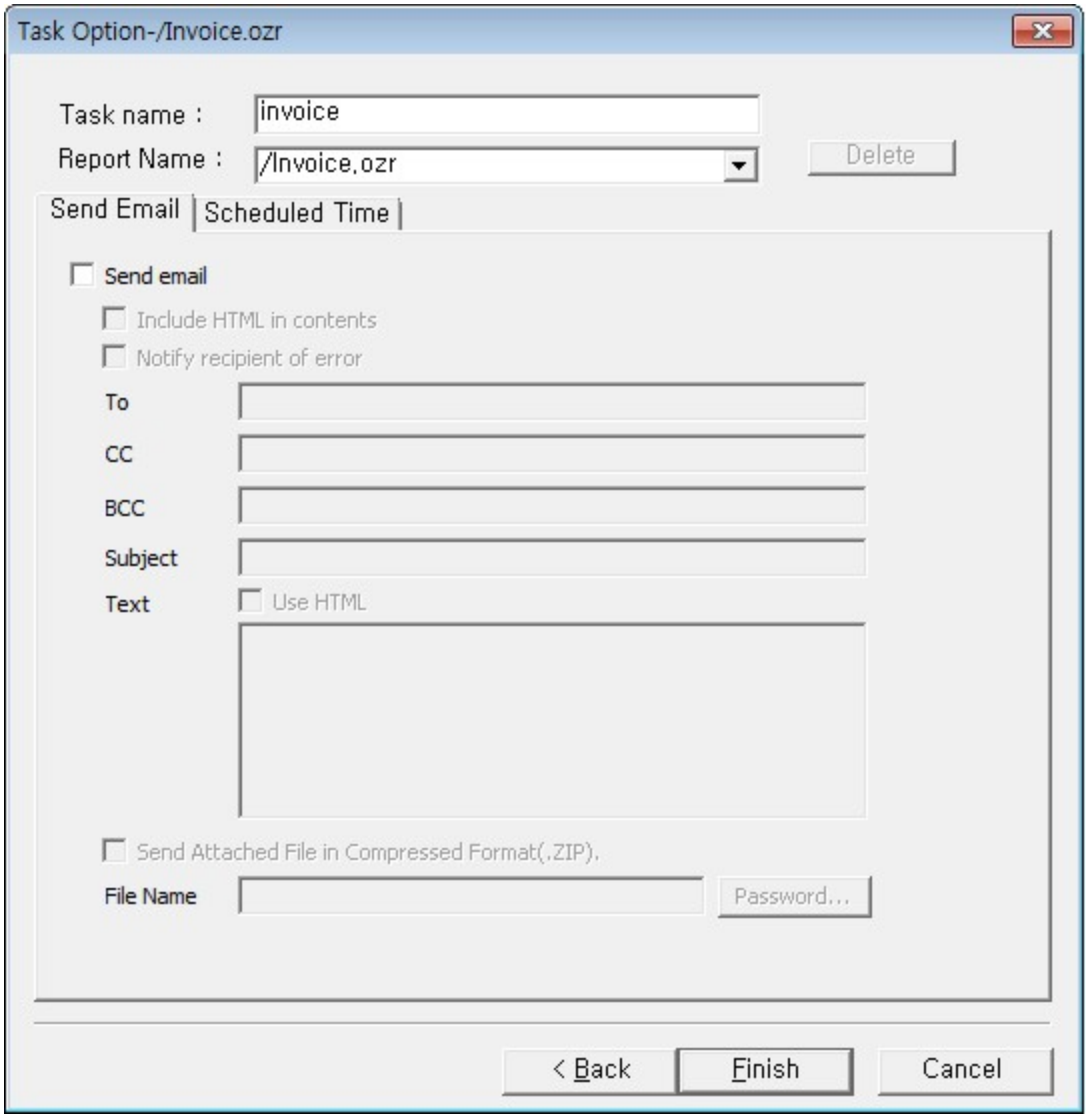
Click on **[Send Email]** tab in "Task Option" dialog box after task was run set the mail transmission whether and information.



Send email	Wether or not send email.
Include HTML in contents	Include HTML in contents.
Notify recipient of error	Notify recipient of error
To	Email address of the recipient .
CC	Email address of the reference receiver.

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BCC	Email address of the Bcc recipients
Subject	Mail subject.
Text	The main content of the mail. **Use HTML:** Sets whether to send HTML mail body content type.
Send Attached File in Compressed Format(.ZIP)	Sets whether or not sent by attachments compressed into a single file.
File Name	File name Compressed Format. When you click the [password] button that appears the password dialog box using you can set a password On the attachment.

Scheduled Time

Click on **[Scheduled Time]** tab in "Task Option" dialog box set the execution time of the task.

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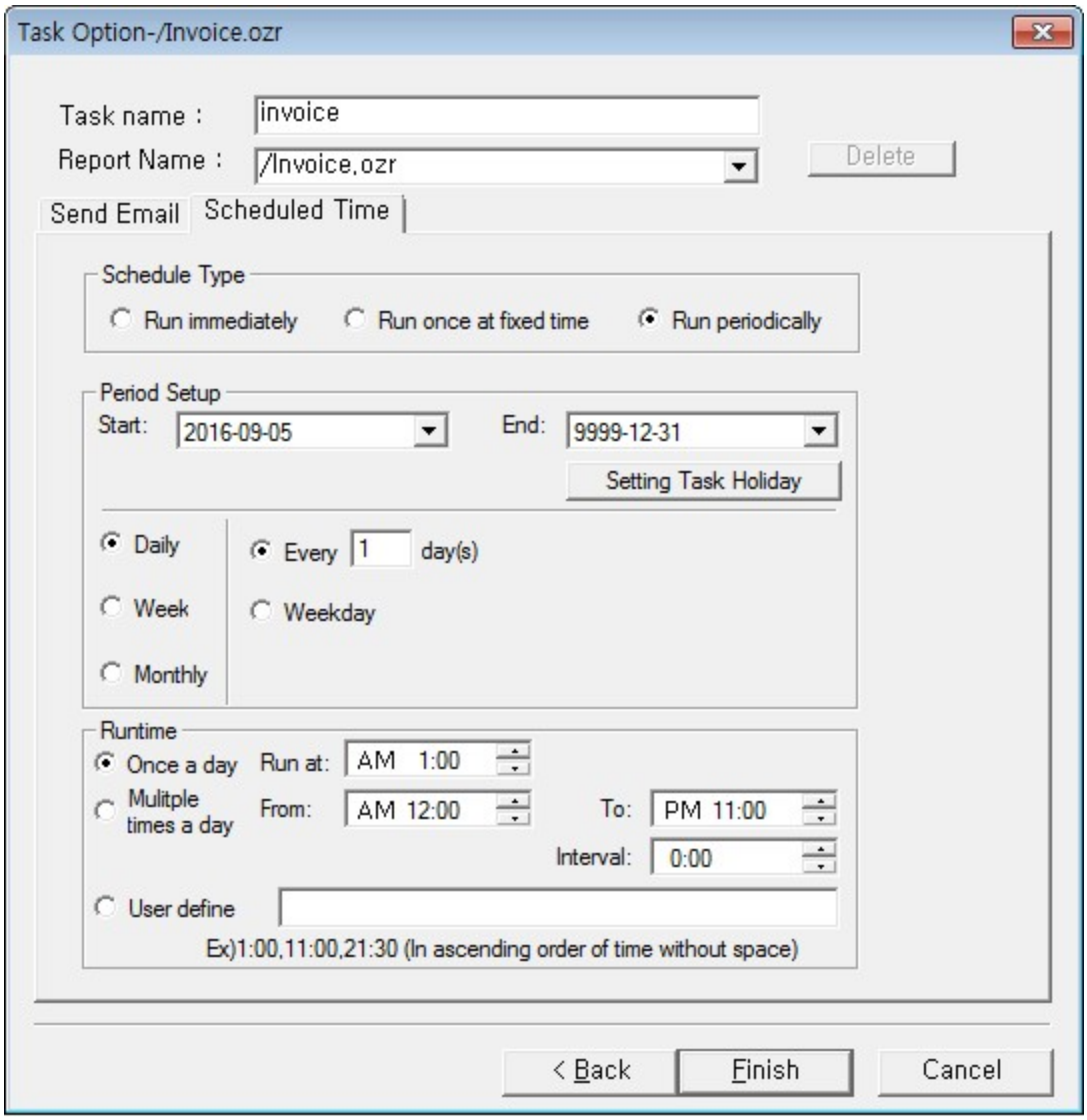

Schedule Type	Task execution times. **Run immediately:** Immediately after you create the task execution. **Run once at fixed time:** Set the period setup option in the settings run once an hour. **Run periodically:** Repeat the run cycle as set in the Setup Cycle options.
Period Setup	Task execution period. To prevent execution of a task for that date can be set using the dialog box that appears, click the [Setting Task Holiday] button.

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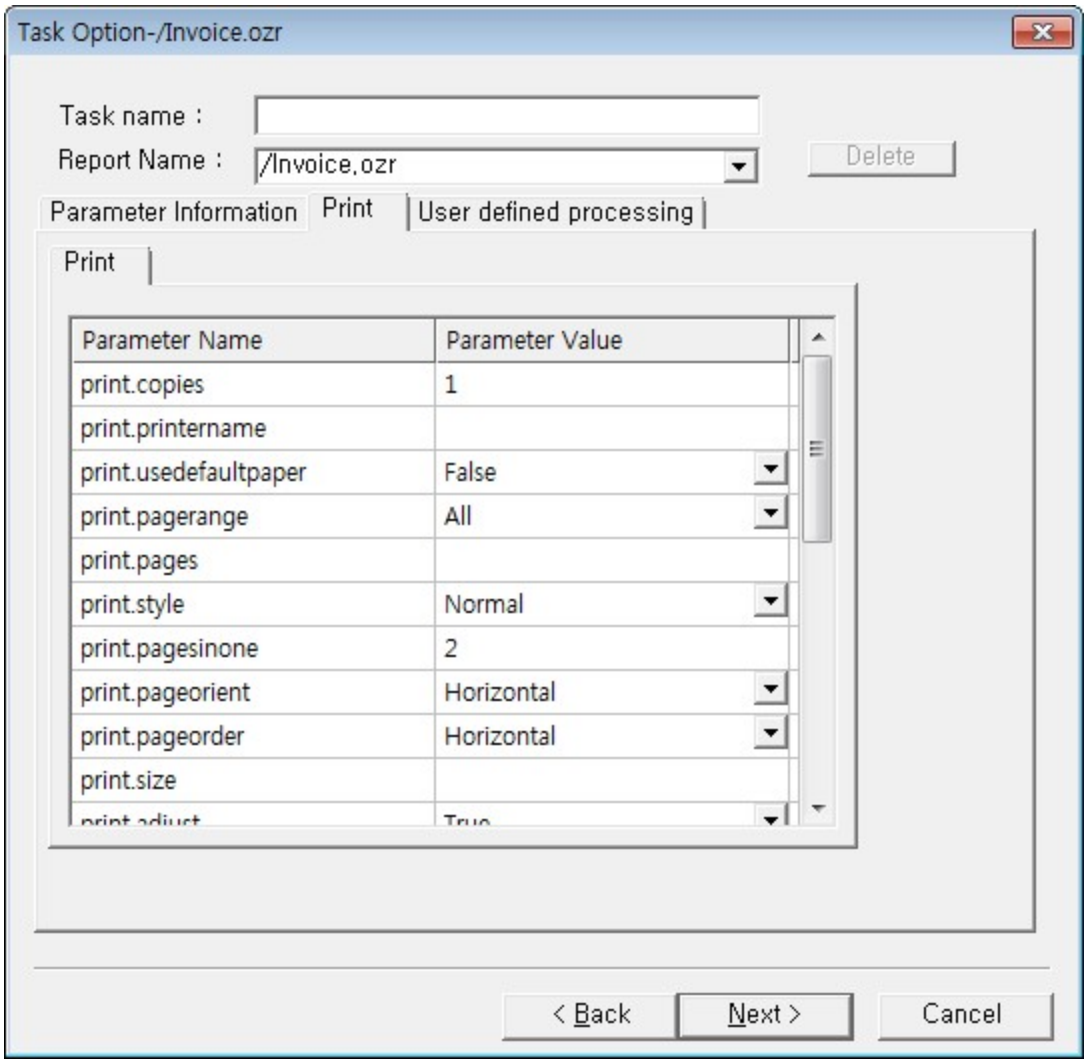
Runtime	Task runtime. **Once a day:** Once a day. **Multiple times a day:** Multiple times a day. **User define:** The time entered in the text box.

Print

Click on **[Print]** tab in "Task Option" dialog box set the execution option of the print create task.



Start, Stop Task

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You can start or stop a task.

Start Task

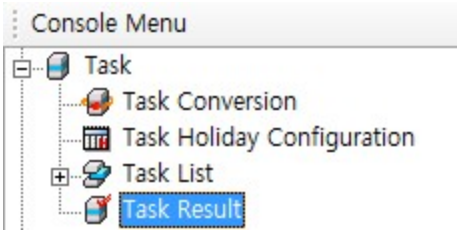
Open a pop-up by right-clicking on a task in the Task List window and click on **[Start]** to start a halted task.

Stop Task

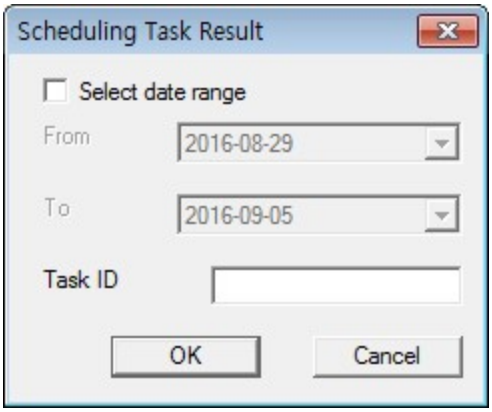
Open a pop-up by right-clicking on a task in the Task List window and click on **[Stop]** to stop a task.

Task Result

Click on the menu of the console **[Task] > [Task Result]** menu



Run the "Scheduling Task Result" dialog box.



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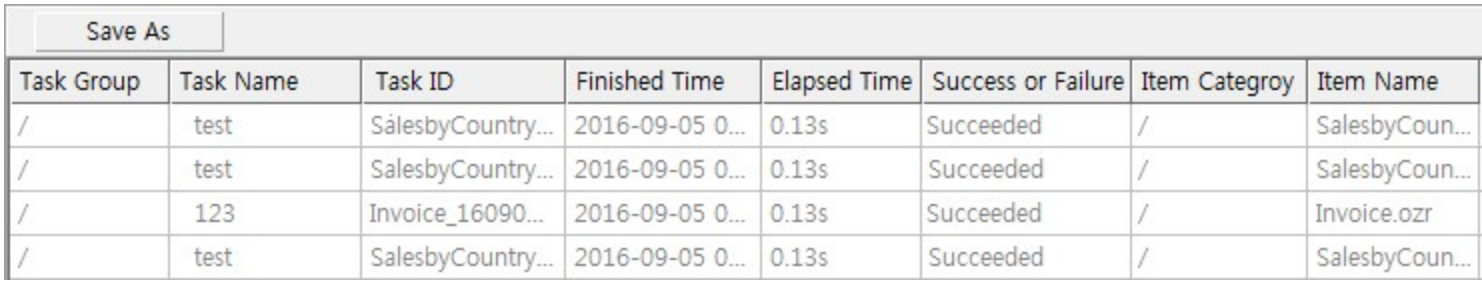
Select date range	Whether to set up a query to set a start date and an end date when the task result.
From	Start date.
To	End date.
Task ID	Task ID.

The results of the task is displayed in the Properties window when you click the **[OK]** button after entering the date, task ID in "Scheduling Task Result" dialog box.



Click **[Save As]** to save the task results to a file.

If there is an error message, right click on it and click **[View Error]** to read the details.

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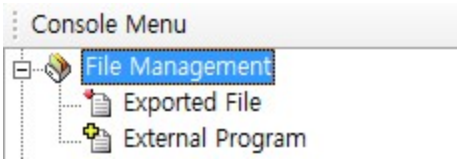
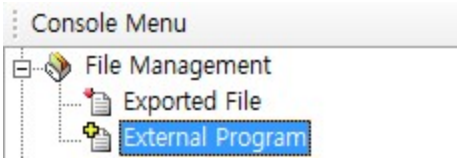
File Management

[File Management] in the console menu using the menu set the Exported file, External program.

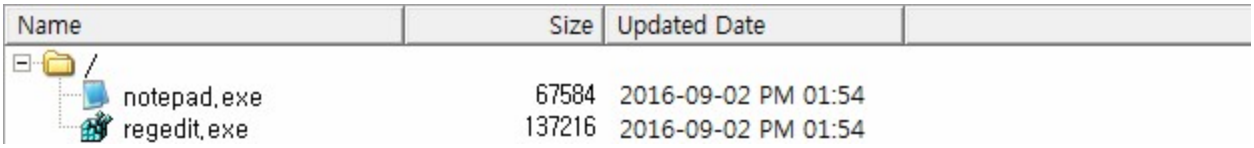


External Program

Click on the menu of the console **[File Management] > [External Program]** menu

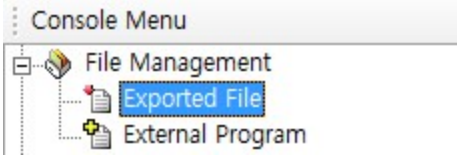


Shows the external programs used when creating task.



Exported File

Click on the menu of the console **[File Management] > [Exported File]** menu



Shows the files exported to the Task Result.

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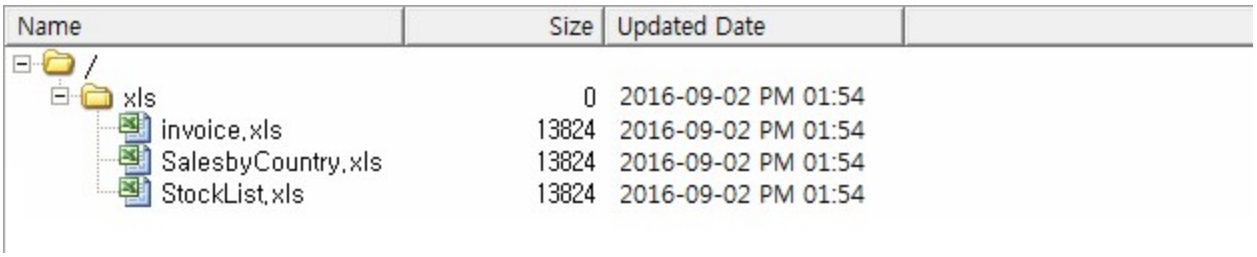

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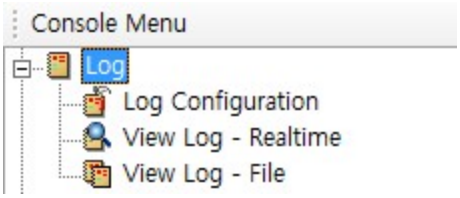
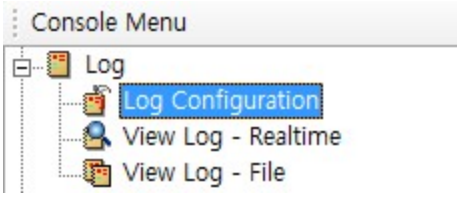
Log

Using the **[Log]** menu of console menu, setting the log, checking saved log.



Log Configuration

Click on the menu of the console **[Log] > [Log Configuration]** menu.



Log related properties will be displayed in the Properties window.

To change the value of the property, double-click the value that is set in the bottom of the Properties window, click the **[Save]** button.

Note

For a detailed description of the properties shown in the Properties window, "OZ Scheduler Administrator's Guide", "scheduler_server_log.properties" please.

View Log - Realtime

Click on the menu of the console **[Log] > [View Log - Realtime]** menu.

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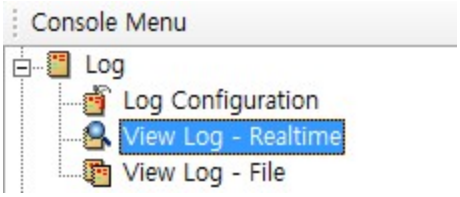
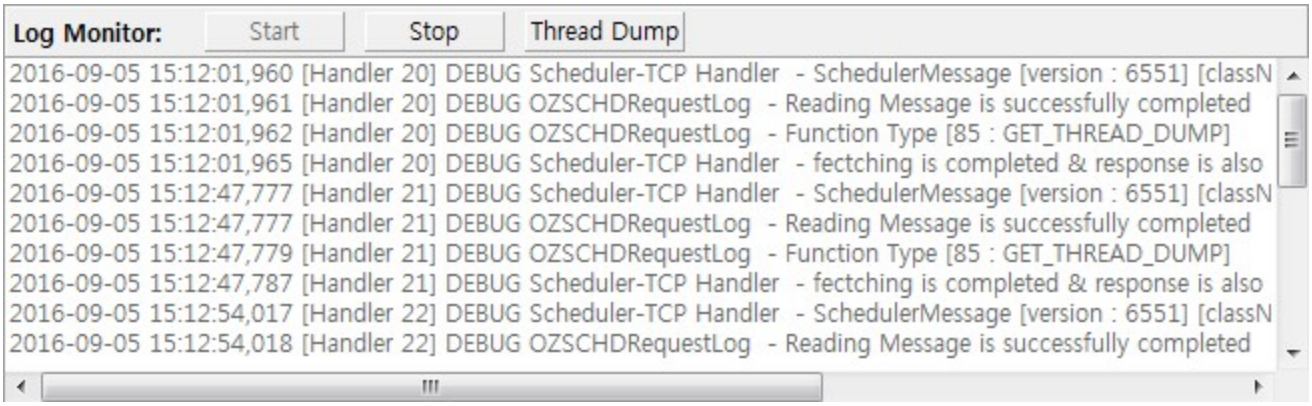


If you click the Properties window from the **[Start]** button, the contents of the log are displayed in real-time.



To stop real-time view log, and click the **[Stop]** button, click the **[Thread Dump]** button to check the thread dump.

Click the **[Search]** button after entering the text you want to search for in the text box next to the search option to search the contents of the log. Order to retrieved content is displayed, when you are double-click focusing searched the contents of the log.

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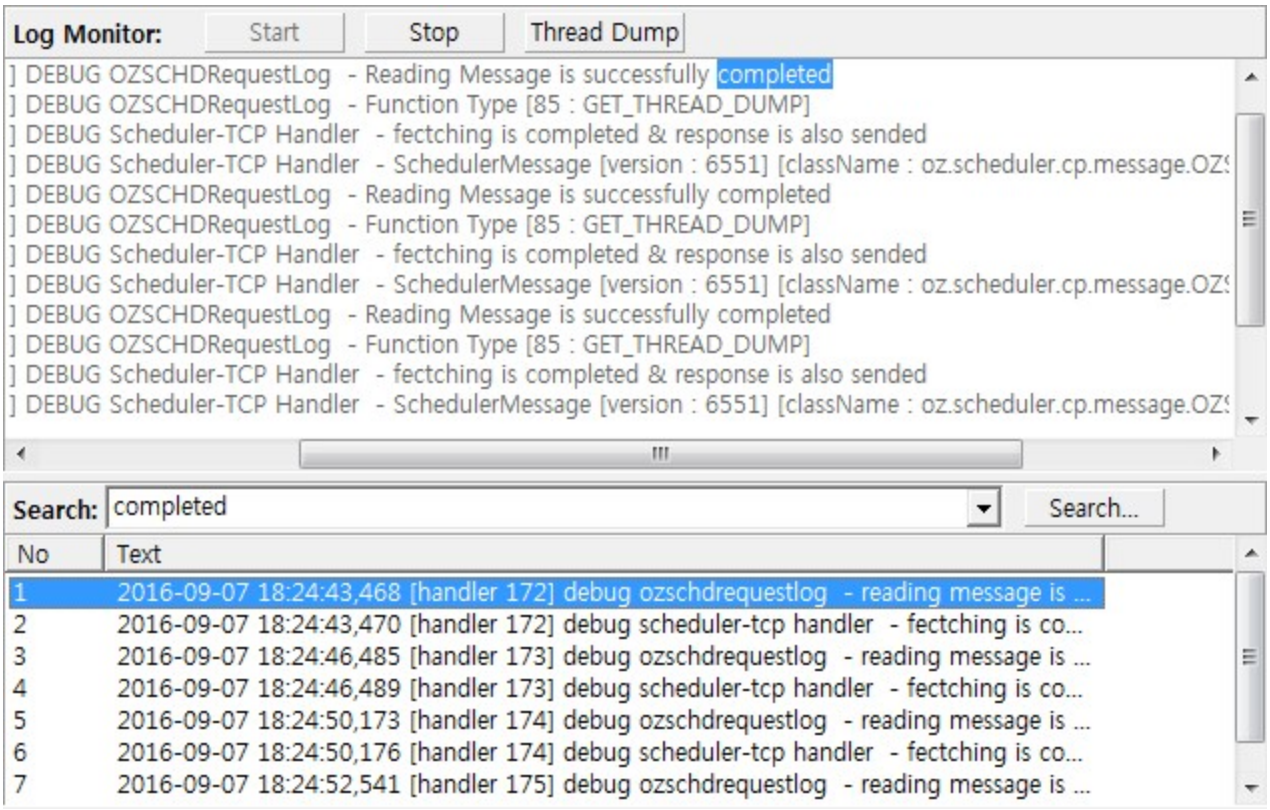
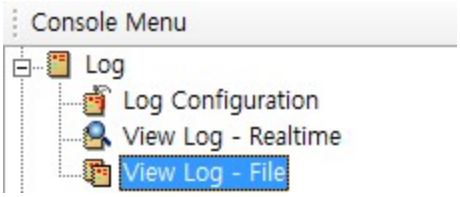


View Log - File

Click on the menu of the console **[Log] > [View Log - File]** menu, verify the log contents of files stored or the log file can be downloaded.



Open Log File

Click the **[...]** button next to the "Open Log File" in the Properties window, "Open Log File" dialog box that appears, double-click on the file to check the logs.

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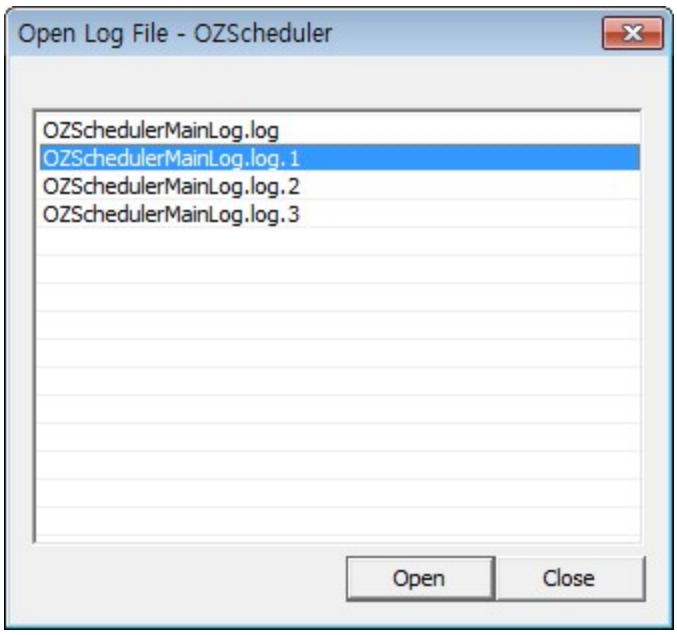
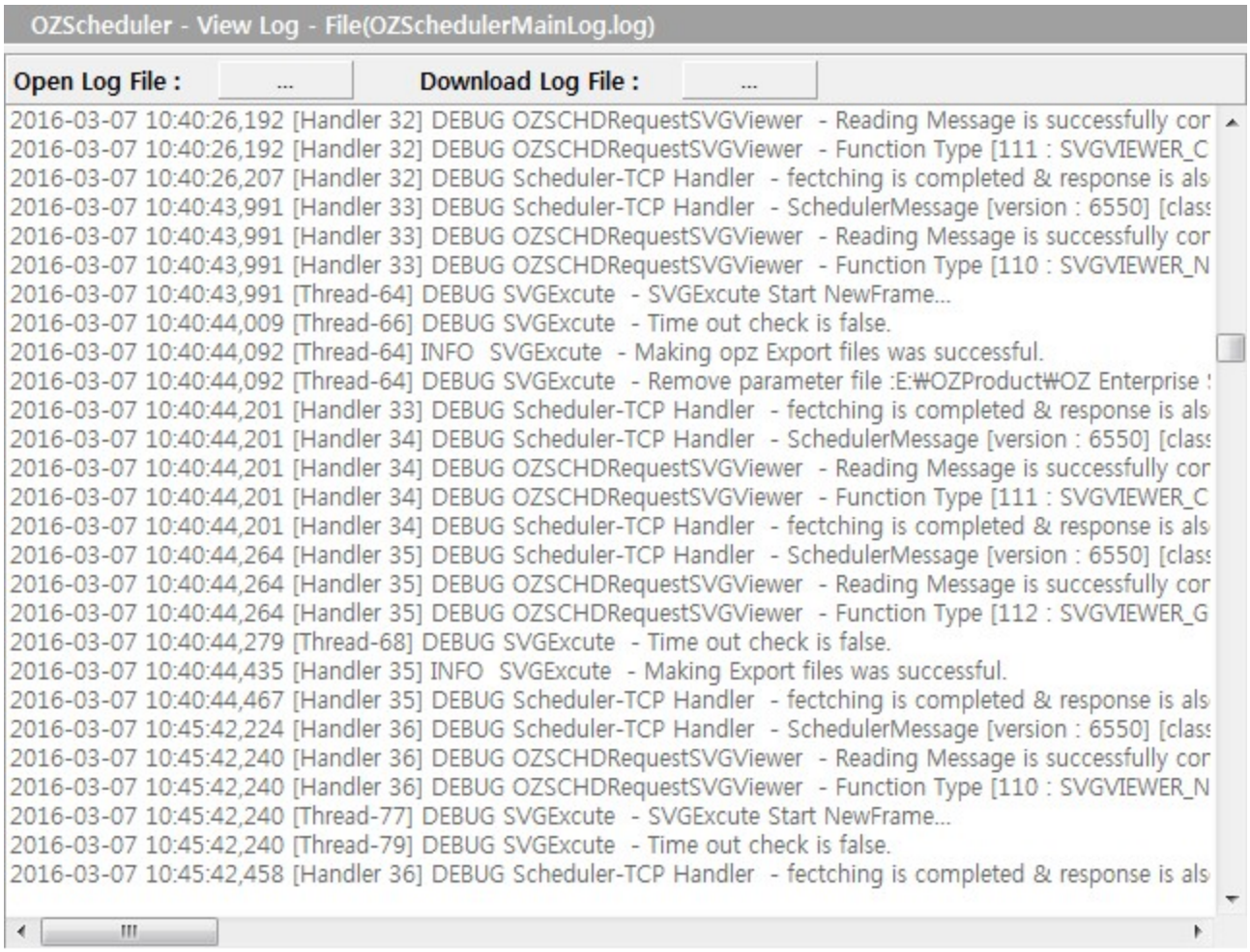


In the selected file displays the stored log contents.



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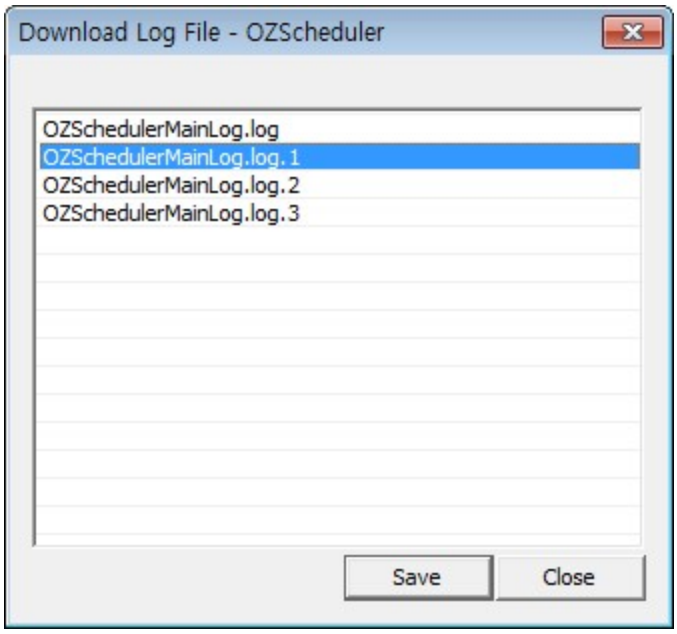
Open Log File from the contents can be searched, search method, please refer to the "log-real-time" part.

Download Log File

Click the **[...]** button next to the "Down Log File" in the Properties window, "Download Log File" dialog box that appears, double-click to save the log file.



After setting the file name and path to save the file save dialog box by clicking the **[Save]** button to save.

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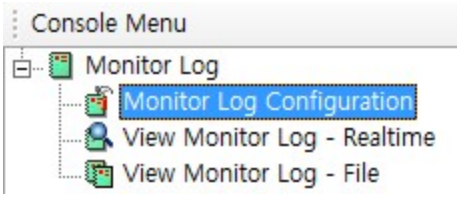
Monitor Log

Using the **[Monitor Log]** menu of console menu, setting the monitor log, checking saved monitor log.

Monitor Log Configuration

Click on the menu of the console **[Monitor Log] > [Monitor Log Configuration]** menu



Monitor log related properties will be displayed in the Properties window.

To change the value of the property, double-click the value that is set in the bottom of the Properties window, click the **[Save]** button.

Note

For a detailed description of the properties shown in the Properties window, "OZ Scheduler Administrator's Guide", "scheduler_server_log.properties" please.

View Monitor Log - Realtime

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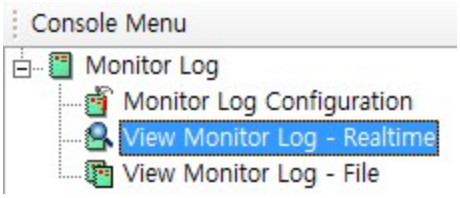
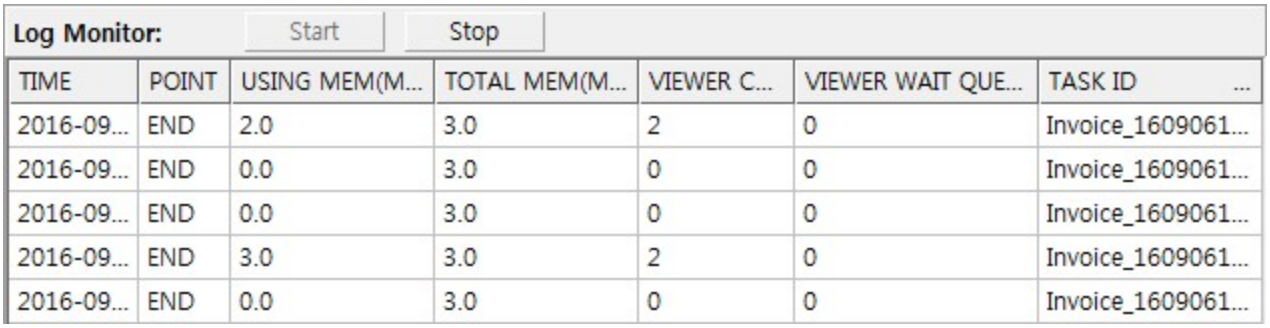
Click on the menu of the console **[Monitor Log] > [View Monitor Log - Realtime]** menu



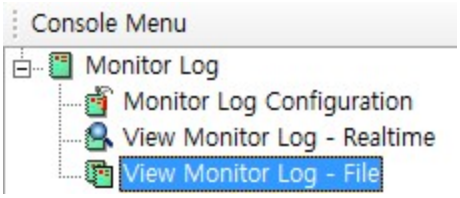
If you click the Properties window from the **[Start]** button, the contents of the monitor log are displayed in real-time.



TIME	POINT	USING MEM(M...	TOTAL MEM(M...	VIEWER C...	VIEWER WAIT QUE...	TASK ID ...
2016-09...	END	2.0	3.0	2	0	Invoice_1609061...
2016-09...	END	0.0	3.0	0	0	Invoice_1609061...
2016-09...	END	0.0	3.0	0	0	Invoice_1609061...
2016-09...	END	3.0	3.0	2	0	Invoice_1609061...
2016-09...	END	0.0	3.0	0	0	Invoice_1609061...

View Monitor Log - File

Click on the menu of the console **[Monitor Log] > [View Monitor Log - File]** menu, verify the monitor log contents of files stored or the monitor log file can be downloaded.



Open Log File

Click the **[...]** button next to the "Open Log File" in the Properties window, "Open Log File" dialog box that appears, double-click on the file to check the monitor logs.

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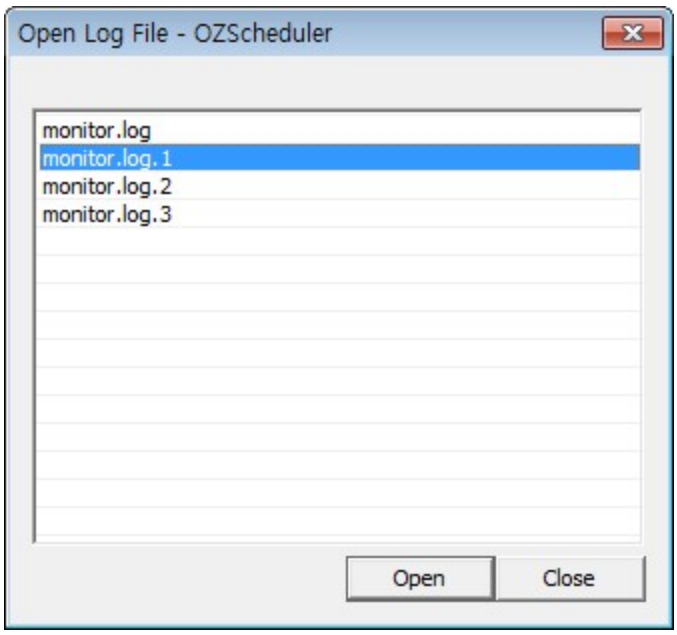
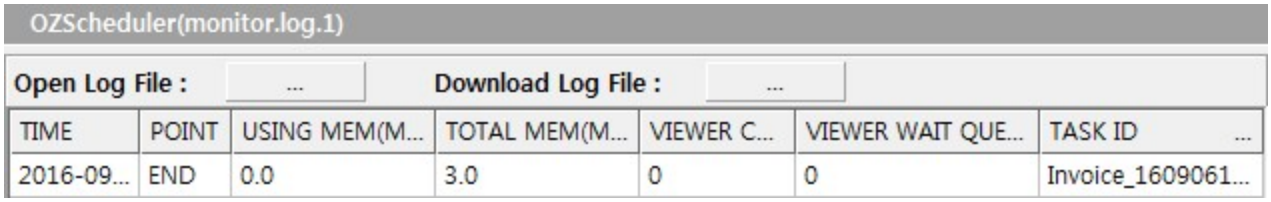


In the selected file displays the stored log contents.



Download Log File

Click the **[...]** button next to the "Down Log File" in the Properties window, "Download Log File" dialog box that appears, double-click to save the monitor log file.

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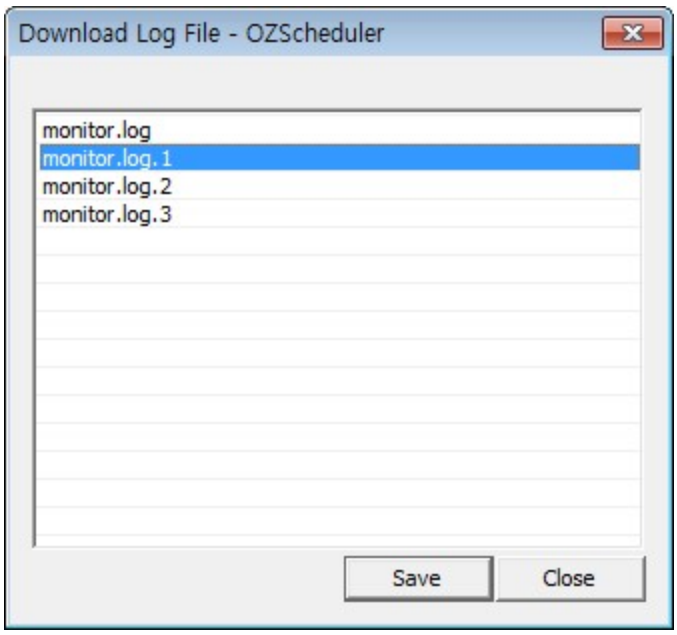

After setting the file name and path to save the file save dialog box by clicking the **[Save]** button to save.

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