			•	•	•	•	•	•	•	•	-		•	•	•	•	•	•	•	•		•	•	•	•	•	•	,	•	•	•	,	•	•	•	•	•	-	•	•	-		•	•	•	•	-	•	•	•	•	•	-		•	•	•	•	•	•	•	•	•	-		• •	•		3
	•	•		•			•		•			•	•	•	•		•	 	•	•	•	•			•	•				•	•				•	•	•	•	•		•									•	•	•	• •	• •						•	•				•	•	•		4
	•											•		•				 		•	•										•		•			•	•	•	•		•			•						•	•	•								•	•							4	4
•	•												•		•				•	•	•	•									•			•	•					•		•	•						•	•	•	•	• •	• •						•	•					•		ł	5

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 8
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mail.properties
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ozservice.properties
ozudl.properties
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sap.properties
spmgr.properties
srmngr.properties
usImngr.properties

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Appendix 1.	121
Windows 2000	
Windows 2003	
Windows 2008	

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Getting Started	
가	
가	
Getting Started	
ΑΡΙ	API



- .NET Framework
- ADO .NET
- ADO .NET Framework가

가

- one-point
- .

, ,

DB Pooling, , , , /

가 (Concurrent Mode) ,

CGI , Non-DB UDS(User Data Store) . : UDS(User Data Store) ADO.NET Non-DB UDS(User Data Store) . UDS XML, ASP, Legacy Data







UDS	UDS Non-database Source
ADO .NET	ADO .NET
Document Manager	
Data Manager	
Monitor	
User Access Manager	/
Schedule Manager	가
Cache Manager	
Log Manager	
Repository Manager	



.NET Framework 1.1

(Microsoft Windows Server 2003, Microsoft Windows XP Professional )

#### DBMS

Oracle,	Informix, Sybase, MS-SQL Server,	DB2 ADO .	NET	DBMS
	: RDB			
-	DB2 : DB2 Runtime Client			
-	Informix : Informix Client SDK가			
-	ODBC : IIS	DSN		
-	Oracle : Oracle Client SDK가			
-	Sybase : Sybase Client SDK가			
-	User defined :	DLL	UniversalDriver	
	.	DLL	가	

Microsoft .NET Framework 1.1 Microsoft Internet Information Server (IIS) 5.1 ASP.NET



#### ozserver.properties

{	<pre>}\ozserver.properties</pre>	path.oz.server.home
	C:\Program Files\Forcs\OZ XStudio	o\OZ Server.NET 5.0

#----# Main configuration of ozserver
#-----

server. port=8003

path.oz.server.home=C:\Program Files\Forcs\OZ XStudio\OZ Server.NET 5.0

path.license.file=%0Z_HOME%/license/ozlicense.xml
path.log.properties.file=%0Z_HOME%/conf/log.properties
path.securitypolicy.properties.file=%0Z_HOME%/conf/spmgr.properties
path.connpool.properties.file=%0Z_HOME%/conf/db.properties
path.cache.properties.file=%0Z_HOME%/conf/cachemngr.properties
path.monitor.properties.file=%0Z_HOME%/conf/monitor.properties
path. repository.properties.file=%0Z_HOME%/conf/repository.properties
path.usl.properties.file=%0Z_HOME%/conf/uslmngr.properties
path.schedule.properties.file=%0Z_HOME%/conf/srmngr.properties
path.sapclient.properties.file=%0Z_HOME%/conf/sap.properties
path. databi nd. properti es. fi l e=%0Z_HOME%/conf/databi nd. properti es
path.assembly.properties.file=%0Z_HOME%/conf/assembly.properties
path.ozservice.properties.file=%0Z_HOME%/conf/ozservice.properties
path.ozdbconfig.properties.file=%0Z_HOME%/conf/dbconfig.xml

...

path.datasource.properties.file=%0Z\_HOME%/conf/datasource.properties

IIS ASP.NET

•

"Appendix.

	Global.asax	)
{OZ_HOME}	ozserver.properties	
	Server.aspx	
	Web.config	가
bin	OZDatabaseHandler.dll	
	OZServer.NET.dll	
	OZSchedulerAPI.dll	
	SAP.Connector.dll	SAP
	OZUSLServer.dll	USL
	OZServiceLauncher.exe	
	OZServiceLauncher.exe.config	OZServiceLauncher.exe
	OZServiceManager.exe	
	OZServiceManager.exe.config	OZServiceManager.exe
	OZEncryptor.exe	sap.properties user, password
	BuiltinToRDBConvert.exe	RDB

			None					
	user.cif				(			
				)				
cache	가							
cache_dm								
	assembly. properties							
	cachemngr.properties							
	databind.properties							
	datasource.properties							
	db.properties	DB						
	dbconfig.xml	DBM	S	ADO	.NET			
	dbconfig.xsd	_						
	log.properties							
	mail.properties							
cont	monitor.properties	Mon	tor					
	ozservice.properties							
	repository.properties							
	sap.properties	SAP						
	spmgr.properties							
	srmngr.properties							
	uslmngr.properties				(	, PKI	)	
	ozudl.properties							
license	ozlicense.xml							
	monitor.log	Mon	tor					
logs	server.log							
scheduled_data								

	ternet Explorer	aloi x
파일(5) 편집(5) 보기(5)	물거찾기(a) 도구(D) 도용당(b)	20
+ 92 · + · 🕲 🖻 🖉		연결 *
卒企(W) (前 http://127.0.0.1/o	z/server.aspx	
•••••		*
OZ Server .NET 5.0	.0101.20070220 17:14:58.84	
COPY	right. FORCS Co., Ltd.	
OZ Version Inf	0	
0Z Server .NET : 5	0.0101.20070220 17:14:50.84	
an en rer aver aver		
System Informati	80	
System Informati OS Name	on : Microsoft Windows 2000 Server	
System Informati OS Name Version	on : Microsoft Windows 2000 Server : 5.0.2195	-
System Informati OS Name Version Vendor	on ∶ Microsoft Windows 2000 Server ∶ 5.0.2195 ∶ Microsoft Corporation	
System Informati OS Name Version Vendor .NET Framework	on : Microsoft Windows 2000 Server : 5.0.2195 : Microsoft Corporation Version : 1.1.4322.2032	

URL

IIS가

http://	/가	/ asp	X	
가		"oz"	aspx	"server.aspx"
	URL "h	ttp://127.0.0.1/oz	z/server.aspx"가	



{ }\conf\ozserver.properties "server.port" . ozserver.properties . #-----# Main configuration of ozserver #----server.port = 8003 path.oz.server.home= C:\Program Files\Forcs\OZ XStudi o 5.0\0Z Server.NET 5.0 . . . { }\bin\OZServiceManager.exe.config "ozserver.properties" { }\bin\OZServiceLauncher.exe.config OZServiceManager.exe.config <?xml version="1.0" encoding="utf-8" ?> <confi gurati on> <appSettings> <add key="name" value="0ZServer.NET"/> <add key="executable\_binary" val ue="%MNGR\_HOME%\0ZServi ceLauncher. exe"/>

<add key="description" value="OZ Server .NET Windows
Service"/>
 </appSettings>

</confi gurati on>

name	
executable_binary	: : "%MNGR_HOME%" OZServiceManager.exe
description	

OZServiceLauncher.exe.config

Install Service	
Uninstall Service	
Start Service	
Stop Service	

{	<pre>}\bin\OZServiceManager.exe</pre>	OZ Server
Manager .NET	[Install Service]	

👷 OZ Service Manager .NET 📃	П×
OZServer, NET	
Installation	
Install Service	
Uninstall Service	
Run	
Start Service	
Stop Service	
Success to uninstall,	

Install Service	
Uninstall Service	
Start Service	
Stop Service	

: "OZ Service Manager .Net" 가

 {
 }\bin\OZServiceManager.exe
 OZ Server

 Manager .NET
 [UnInstall Service]

📟 OZ Service Manager .NET 🛛 🗖	
OZServer, NET	
Installation	-
Install Service	
Uninstall Service	
-Run	
Start Service	
Stop Service	
Success to install,	//

가

🍇 서비스					
파일( <u>F</u> ) 동작( <u>A</u> )	보기( <u>V</u> ) 도움말( <u>H</u> )				
	) 🖪   🔮   🕨 🗉 🕫				
🆏 서비스(로컬)	이름 🔺	설명	상태	시작 유형	다음 사용자로 🔺
-	🎭 npkomsvo	nProtect KeyCrypt Manager	시작됨	자동	로컬 시스템
	🦓 NT LM Security	명명된 파이프가 아닌 전송을		수동	로컬 시스템
	🍓 Office Source E	업데이트와 복구에 사용되는		수동	로컬 시스템
	& OZServer, NET	OZ Server ,NET Windows S,		수동	로컬 시스템
	🍓 Performance Lo	이미 설정된 일정 매개 변수를		수동	네트워크 서비
	🍓 Plug and Play	사용자 입력 없이 컴퓨터에서	시작됨	자동	로컬 시스템
	🍓 Portable Media	Retrieves the serial number		수동	로컬 시스템
	🍓 Print Spooler	나중에 인쇄하기 위해 파일을	시작됨	자동	로컬 시스템
	🍓 Protected Storage	개인 키 같은 중요한 데이터에	시작됨	자동	로컬 시스템 🔜
	🖏 OnS BSVP	QnS를 인식하는 프로그램 및		수동	루컬 시스템 🚬
	\ <u>확장</u> λ표준∕				

"TCP"

"ozserver.properties"

assembly.properties cachemngr.properties 4 clientlist.xml databind.properties datasource.properties db.properties **\_** dbconfig.xml, dbconfig.xsd log.properties mail.properties **.** monitor.properties • ozserver.properties ozservice.properties -0 repository.properties sap.properties spmgr.properties srmngr.properties uslmngr.properties 

# assembly.properties

{OZ\_HOME}\conf\assembly.properties

. PC 가

#### assembly.properties

### ### Configuraion of Assembly ### home= #alias.filepath= #alias.name= #al i as. versi on= #alias.cultuer= #al i as. publ i ckey= #e.g. sessi onusl.filepath= # Configuraion of External Module <Protocol Version>. i sexternal modul e=fal se <Protocol Versi on>. acti ve=fal se <Protocol Versi on>. descri pti on= <Protocol Version>. filepath= #<Protocol Versi on>. cl assname= #<Protocol Versi on>. name= #<Protocol Versi on>. versi on=

#<Protocol Versi on>. cul ture=
#<Protocol Versi on>. publ i ckey=

### assembly.properties

		(EM)	
home			
nome		:	
filepath		: filepath	name, version, culture,
		publickey	filepath
name			
version			
culture			
publickey			
	USL	(OZUSLS	Gerver.dll)
e.g.sessionusl.file			71
path		: UZUSLServer.dll	71
isovtornalmodulo	가		
	"true",	"fa	alse".
	가		
active		"t	rue",
	"false"		
		· - ProtocolVersions	
description	: < Protocolversion>		
classname			

: assembly.properties

🚞 D:₩WINNT₩assembly	
] 파일( <u>F</u> ) 편집( <u>E</u> ) 보기	미( <u>V</u> ) 즐겨찾기
] ← 뒤로 - → - 🖼 🕅	🔍 검색 🔂 폴[
」주소( <u>D</u> ) <mark>(</mark> ) D:₩WINNT₩	assembly
전역 어셈블리 이름 🔺	
📸 System, Configuration, I	nstall, resource:
📲 🚮 System, Data	
📲 System, Data, OracleCli	ent
😹 System, Data, resource:	보기 🕨
📸 System, Design	삭제( <u>D</u> )
📸 System, Design	

🤹 System, Data, I	OracleClie	int 등록 정보			? ×		
일반 버전	1						
:							
이름:		System,D	ata,OracleClient		$\vdash$		name
참조:		1					
마지막으로 수	정한 날짜:	2006-11-0	2 오후 1:40:39				
Culture:	Γ	Neutral			$\vdash$	┢	culture
버전:		1, 0, 5000, 0			$\vdash$		version
공개 키 토큰:	L	b77a5c561	1934e089		$\vdash$		publickey
코드베이스:		file:///D:/	WINNT/Microso	ft,NET/Fram	ne		
					-		
		확인	취소	도움말	ł		

### DBMS assembly.properties

```
MS-SQL
```

```
#
#MSSQL ADO.NET Provider
#
mssql_DB.name=System.Data
mssql_DB.version=1.0.50000.0
mssql_DB.culture=Neutral
mssql_DB.publickey=b77a5c561934e089
```

#### : db.properties DB

Ex) mssql\_example.assembly= mssql\_DB

#### Oracle

#
#Microsoft Oracle ADO. NET Provider
#
oracle\_DB. name= System. Data. OracleClient
oracle\_DB. version=1. 0. 5000. 0
oracle\_DB. culture=Neutral
oracle\_DB. publickey=b77a5c561934e089

: db.properties DB

Ex) oracle\_example.assembly=oracle\_DB

UDS

uds1.filepath=%0Z\_HOME%/assembly/UDSSample.dll

## cachemngr.properties

{OZ\_HOME}\conf\cachemngr.propeties

가

#### cachemngr.properties

### ### Configuraion of Cache Manager ### CACHE\_FILE\_PATH = %0Z\_HOME%/cache/ CACHE\_DM\_FILE\_PATH = %0Z\_HOME%/dm\_cache/ repository. active=false repository.memoryCacheValidTime=1200 repository.diskCacheValidTime=0 repository.freeMemoryPercentage=0 datamodul e. report. acti ve=fal se datamodule.report.memoryCacheValidTime=1200 datamodule.report.diskCacheValidTime=0 datamodul e. report. freeMemoryPercentage=0 datamodul e. application. active=false datamodul e. application. memoryCacheValidTime=1200 datamodul e. application. di skCacheValidTime=0

cachemngr.properties

CACHE_FILE_PATH		
CACHE_ DM_FILE_PATH		
/ /.active	"true" ,	"false"
/ /.memoryCacheValidTime		
/ /.freeMemoryPercentage		
/ /.diskCacheValidTime		( : )

cachemngr.properties

.

- . "/ /"
  - Repository
    - repository.active = true
    - ( 7 '/sales/car' ) repository.[/sales/car].active = true
    - ( 'dept1.ozr' )
       repository.[/sales/car].[dept1.ozr].active = true

,

• Data Module

.

가

,

ODI ,

•

•

.

•

## . , , ODI '[ ]'

	datamodule.report.active = true
	datamodule.application.active = true

.

	( フト '/sales/car' )
	datamodule.report.[/sales/car].active = true
	datamodule.application.[/sales/car].active = true

	(	'dept1.odi'	'SQL_1'
)			
		datamodule.report.[/sales/car].[c	ept1.odi].active =
		true	
		datamodule.application.[/sales/ca	ar].[dept1.odi].[SQL
		_1].[0].active = true	

(	'Code',	Fetch
(		

'DM\_BATCH\_FETCH', 'A001'

'SQL\_1' )

datamodule.report.[/sales/car].[dept1.odi].[DM_BAT
CH_FETCH].[Code=A001].active = true
datamodule.application.[/sales/car].[dept1.odi].[SQL
_1].[0].[DM_BATCH_FETCH].[Code=A001].active =
true

	(	'Code', Fetch
'DM_CONCURRENT_FETCH',		'A001'
'SQL_1' )		

datamodule.report.[/sales/car].[dept1.odi].[DM_CO
NCURRENT_FETCH].[Code=A001].active = true

datamodule.application.[/sales/car].[dept1.odi].[SQL
_1].[0].[DM_CONCURRENT_FETCH].[Code=A001].ac
tive = true

## clientlist.xml

{OZ\_HOME}\conf\clientlist.xml



conf .

#### clientlist.xml

```
<ClientList use='true'>
<Client checkAll='true'> <!-- true , MAC, IP, HDD7
                                                                    -->
    <MACAddress checkAll='false'>
            <ltem>00-34-25-f1-61-45</ltem>
            <ltem>00-14-85-f1-68-22</ltem>
    </MACAddress>
    <IPAddress checkAll='false'>
            <Item>127.0.0.1</Item>
            <Item>127.0.0.2.xx</Item>
    </I PAddress>
    <HDDSerial checkAll='false'>
            <Item>S07HJ1LL200778</Item>
   <Item>L623471</Item>
    </HDDSerial >
</Client>
```

```
<Client checkAll='true'>

<MACAddress checkAll='false'>

<Item>00-Of-ea-fy-9a-6a</ltem>

</MACAddress>

<IPAddress checkAll='true'> <!-- true , 2 IP7} --->.

<Item>127.0.0.3</ltem>

<Item>127.0.0.4</ltem>

</IPAddress>

</IPAddress>

</IPAddress>

</Item>SOAFJ10Y7064418</ltem>

<Item>SJT3G3KT</ltem>

<//Client>
```

</ClientList>

cientlist.xml

	(MAC Address, IP Address, HDD Serial)				
ClientList	1150	true			
	use	false	( )		
	MA	AC Addres	ess, IP Address, HDD Serial		
Client	checkAll	true	MAC Address, IP Address, HI Serial 가	DD	
		false	MAC Address, IP Address, HI Serial 가 ( )	DD	
	MA	AC Addres	MAC Address		
MACAddress	true		MAC Address가 MAC Address		
	fal	false	MAC Address <sup>7</sup> } M Address ( )	AC	

IPAddress	IP Address가 IP Address			
	checkAll	true	IP Address가 Address	IP
		false	IP Address7} Address ( )	IP
HDDSerial	HDD Serial HDD Serial			
	checkAll	true	HDD Serial HDD Serial	
		false	HDD Serial Serial ( )	HDD

- ・ , "HDDSerial" "HddSerial" 가 .
- clientlist.xml
# databind.properties

{OZ\_HOME}\conf\databind.propeties

Concurrent , Concurrent Row .

#### databind.properties

# unit : byte, default : 4096 byte, min : 256 byte
ConcurrentFetchSize=4096

# unit : count, default : 0
ConcurrentFirstRow=0

#### databind.properties

	FetchType	"Concurrent"	
		Stream	
	byte,	4096,	256 .
ConcurrentFetchSize		:	
			1
	FetchType	"Concurrent"	
ConcurrentFirstRow		ı	0.
		: 0	

# datasource.properties Daemon/Servlet {OZ\_HOME}\conf\datasource.propeties 가 , HTTP , SOAP , XML . aliasename.optionname= value : "datasource.properties" "UTF-8" ODI 가 가

#### datasource.properties

vendor	

		:	OZ URL
niename		HOME	, OZ URL
		가	
designtimofileneme			OZ URL
uesignumentame		HOME	, OZ URL
datasetnodename	XML		XML .
recordnodename	XML		XML .
startindex	INDEX 0	0	ROW INDEX '0' ROW 가 가
checkerror	CSV "ERR"	"ERR" CSV	CSV "ERR"

characterset	
hasfieldtype	CSV CSV 가
fielddelimeter	CSV TAB, SPACE, SEMICOLON, COLON, COMMA 가
linedelimiter	CSV . LINEFEED 가 .
nullmark	NULL .

#### HTTP

-

vendor		
url	가 HTTP	
dopost	URL POST	GET .
urlencode	Server URL URL	'TRUE'
filenametolog		

designtimefilename		: HOME	, OZ URL
datasetnodename	XML		XML
recordnodename	XML	D' .	XML .
startindex	INDEX 0	0	ROW INDEX '0' ROW 가 . 가
checkerror	CSV "ERR"	"ERR" CSV	CSV "ERR"
characterset			
hasfieldtype	CSV	가	CSV .
fielddelimeter	CSV TAB, SF	PACE, SEMICOLO	DN, COLON, COMMA 가

linedelimiter	CSV LINEFEED 가	
nullmark	NULL	
errorretrycount	HTTP 7	ŀ

- SOAP

vendor		
wsdiuri	WSDL : WSDL 7 "https://" OZ URI HOME URL	"http://", -
endpoint	가 .	
id	가 HTTP ·	ID
password	가 HTTP ·	

XML

\_

vendor	

	XML
xmluri	: 7ŀ "http://", "https://" OZ URL HOME , OZ URL
	XML
samplexmlurl	: OZ URL HOME , OZ URL
	DTD/XSD
schemapath	: OZ URL
	HOME , OZ URL

#### datasource.properties

# FILE CSV file\_csv. VENDOR=FILE

file\_csv.FILENAME=C:\Repository\csv\simple.csv

file\_csv. DESIGNTIMEFILENAME=C: \Repository\csv\simple.csv

file\_csv.CHECKERROR=ERROR\_PREFIX

file\_csv.CHARACTERSET=utf-8

file\_csv.HASFIELDTYPE=true

file\_csv. FIELDDELIMETER=COMMA

file\_csv. LINEDELIMITER=LINEFEED

file\_csv. NULLMARK=NULL

file\_csv. STARTI NDEX=1

#### # FILE XML

File\_xml.VENDOR=FILE

File\_xml.FlLENAME=C:\Repositoryxml\simple.xml

File\_xml.DESIGNTIMEFILENAME=C:\Repository\xml\simple.xml

File\_xml . DATASETNODENAME=DATASET

File\_xml . RECORDNODENAME=RECORD

File\_xml . STARTINDEX=1

#### HTTP

# HTTP CSV http\_csv. VENDOR=HTTP http\_csv. URL=http: //l ocal host/Sampl e/csv/simpl e. csv http\_csv. DOPOST=fal se http\_csv. URLENCODE=fal se http\_csv. FI LENAMETOLOG=0ZHTTPCSV. LOG http\_csv. DESIGNTIMEFILENAME=C: \Repository\csv\simple.csv http\_csv. CHECKERROR=ERROR\_PREFIX http\_csv. CHARACTERSET=utf-8 http\_csv. HASFI ELDTYPE=true http\_csv. FI ELDDELI METER=COMMA http\_csv. LINEDELIMITER=LINEFEED http\_csv.NULLMARK=NULL http\_csv. STARTI NDEX=1 # HTTP XML

http\_xml . VENDOR=HTTP http\_xml . URL=http: //local host/Sample/xml/simple. xml http\_xml . DOPOST=fal se http\_xml . URLENCODE=false http\_xml . FI LENAMETOLOG=0ZHTTPXML. LOG http\_xml . DESI GNTI MEFI LENAME=C: \Reposi tory\xml \si mpl e. xml http\_xml . DATASETNODENAME=DATASET http\_xml . RECORDNODENAME=RECORD http\_xml . STARTI NDEX=1

#### SOAP

# SOAP

soap. VENDOR=SOAP

soap.WSDLURL=http://localhost/Sample/OZReport.asmx?wsdl

soap. ENDPOINT=http: //local host/Sample/OZReport.asmx

soap.ID=myid

 $\verb|soap.PASSWORD=mypassword||$ 

#### ■ XML

# XML

xmI ~ . ~ VENDOR=XML

xml.XMLURL=C:\Program Files\FORCS\0Z XStudio 5.0\Repository\Xml\sample.xml

xml . SAMPLEXMLURL=C: \Reposi tory\Xml \sampl e. xml

xml . SCHEMAPATH=C: \Reposi tory\Xml \sampl e. xsd

# db.properties

#### {OZ\_HOME}\conf\db.properties

가 DB Connection Pool , DB Connection Pool .

.

aliasename.fieldname = value

aliasename

가

■ fieldname

#### db.properties

vendor	DBMS ms-sql	. (odbc, oracle, informix, sybase )
driver	ADO .NET	(Provider) .
url	ADO .NET	(Provider) URL .
props	ADO .NET .	(Provider) Connection Property String (User/Password )
dsn	ODBC	

serverAddress	가 .
portNo	
sid	Oracle TNS .
serverName	
dbName	
user	
password	
maxconns	가가 DB Connnection
initconns	DB Connection .
timeout	Maxconns Connection . ( : )
sessionQuery	monitor log session id 7 . "monitor.properties"
doConnectionCheck	ConnectionPool connection 가 가 connection
testQueryString	doConnectionCheck true
assembly	DB : assembly.properties alias
decodecharset	フト : ( : "") :
encodecharset	· ( : "") :

: /

- 가 PC Locale /
- encodecharset, decodecharset
- .
- db.properties /

/ , db.properties

#### DBMS db.properties

#### Oracle

oracl e\_exampl e. vendor=oracl e oracl e\_exampl e. serverAddress=127. 0. 0. 1 oracl e\_exampl e. portNo=1521 oracl e\_exampl e. si d=ORCL oracl e\_exampl e. user=oz oracl e\_exampl e. password=oz oracl e\_exampl e. maxconns=20 oracl e\_exampl e. i ni tconns=5 oracl e\_exampl e. ti meout=5

#### Informix

i nformi x\_exampl e. vendor=i nformi x i nformi x\_exampl e. serverAddress=127. 0. 0. 1 i nformi x\_exampl e portNo=1526 i nformi x\_exampl e. serverName=0ZServer i nformi x\_exampl e. dbName=sysuti l s i nformi x\_exampl e. user=i nformi x i nformi x\_exampl e. password=i nformi x i nformi x\_exampl e. maxconns=20 i nformi x\_exampl e. i ni tconns=5 i nformi x\_exampl e. ti meout=5

#### MS-SQL

mssql\_exampl e. vendor=mssql mssql\_exampl e. serverAddress=127. 0. 0. 1 mssql\_exampl e. portNo=1433 mssql\_exampl e. dbName=newi ntra mssql\_exampl e. user=sa mssql\_exampl e. password= mssql\_exampl e. maxconns=20 mssql\_exampl e. i ni tconns=5 mssql\_exampl e. ti meout=5

#### ODBC

odbc_exampl e.	vendor=odbc		
odbc_exampl e.	dsn=odbc_exampl e		
odbc_exampl e.	user=		
odbc_exampl e.	password=		
odbc_exampl e.	maxconns=5		
odbc_exampl e.	i ni tconns=2		
odbc_exampl e.	timeout=5		
	NIT	DNC	

: NT	ODBC	DNS	ODBC
	DNS		

#### ■ db2

db2\_exampl e. vendor=db2 db2\_exampl e. serverAddress=127. 0. 0. 1 db2\_exampl e. portNo=1344 db2\_exampl e. dbName=db2 db2\_exampl e. user=db2admi n db2\_exampl e. maxconns=20 db2\_exampl e. i ni tconns=5 db2\_exampl e. ti meout=5

#### sybase

Sybase\_exampl e. vendor=sybase Sybase\_exampl e. serverAddress=127. 0. 0. 1 Sybase\_exampl e. dbName=master Sybase\_exampl e. portNo=2343 Sybase\_exampl e. user=sa Sybase\_exampl e. password=sybase Sybase\_exampl e. maxconns=20 Sybase\_exampl e. i ni tconns=5 Sybase\_exampl e. ti meout=5

## dbconfig.xml, dbconfig.xsd

{OZ\_HOME}\conf\dbconfig.xml

{OZ\_HOME}\conf\dbconfig.xsd

DBMS

ADO .NET

가

#### dbconfig.xml

```
DBMS ADO .NET
<?xml version="1.0" encoding="UTF-8"?>
<DBCONNECTION_INFORMATION xml ns: xsi ="http://www.w3.org/2001/XMLSchema-instance"</pre>
xsi: noNamespaceSchemaLocation="dbconfig.xsd">
    <VENDOR NAME="oracle">
             <DI SPLAYNAME>
                     <LABEL LANG="en_us">ORACLE</LABEL>
             </DI SPLAYNAME>
             <DRI VER SUPPORTFUNCTI ON="TRUE">
                     <DI SPLAYNAME>
                              <LABEL LANG="en_us">Driver</LABEL>
                     </DI SPLAYNAME>
                     <JAVA>oracl e. j dbc. dri ver. Oracl eDri ver</JAVA>
                     <NET>System. Data. Oracl eClient. Oracl eConnection</NET>
             </DRI VER>
             <URL>
                     <DI SPLAYNAME>
                              <LABEL LANG="en_us">URL</LABEL>
                     </DI SPLAYNAME>
```

<JAVA>j dbc: oracl e: thi n: @(DESCRI PTI ON=(ADDRESS=(HOST={serverAddress})(PROTOCOL=t

```
cp)(PORT={portNo}))(CONNECT_DATA=(SID={sid})))</JAVA>
                     <NET>Data
                                                                      Source={sid};User
ID={user}; Password={password}; </NET>
            </URL>
             <HANDLER>
                     <JAVA>com. forcs. db. OZGeneral Handl er</JAVA>
                     <NET>com. forcs. db. 0Z0racl eHandl er</NET>
             </HANDLER>
             <PARAMETER_FLAG>
                     <JAVA>?</JAVA>
                     <NET>: </NET>
             </PARAMETER_FLAG>
             <I TEMS>
                     <ITEM KEY="serverAddress">
                              <LABEL LANG="en_us">Database server IP Address</LABEL>
                                                                 IP </LABEL>
                              <LABEL LANG="ko_kr">
                              <LABEL LANG="ja_jp">Database server IP Address</LABEL>
                     </I TEM>
                     <ITEM KEY="portNo" DEFAULTVALUE="1521">
                              <LABEL LANG="en_us">Database server port number</LABEL>
                              <LABEL LANG="ko kr">
                                                                          </LABEL>
                              <LABEL LANG="ja_jp">Database server port number</LABEL>
                     </I TEM>
                     <ITEM KEY="sid" DEFAULTVALUE="ORCL">
                              <LABEL LANG="en_us">SID</LABEL>
                              <LABEL LANG="ko_kr">
                                                                      </LABEL>
                              <LABEL LANG="j a_j p">SI D</LABEL>
                     </ITEM>
             </I TEMS>
             <ADDI TI ONAL>
                     <FI ELDTYPES>
                              <FI ELDTYPE NAME="DATE">DATE</FI ELDTYPE><! --</pre>
DATE,
                               . -->
                     </FI ELDTYPES>
                     <I NF0S>
                              <I NFO
                                         KEY="DATE_EXPRESSION">TO_DATE('@YYYY/@MM/@DD
@hh: @mm: @ss' , 'YYYY/MM/DD hh24: mi : ss' )</INFO>
                              <INFO KEY="LIKE_QUERY">I i ke</INFO>
                              <INFO KEY="LIKE_DELEMETER">%</INFO>
                     </INF0S>
             </ADDI TI ONAL>
      <MARS ACTIVE="true" MAJOR_VERSION="1" MINOR_VERSION="1"/>
    </VENDOR>
```

```
<VENDOR NAME="mssql">
            <DI SPLAYNAME>
                     <LABEL LANG="en_us">MS-SQL</LABEL>
             </DI SPLAYNAME>
             <DRI VER SUPPORTFUNCTI ON="FALSE">
                     <DI SPLAYNAME>
                              <LABEL LANG="en_us">Driver</LABEL>
                     </DI SPLAYNAME>
                     <JAVA>com. mi crosoft.jdbc.sql server.SQLServerDri ver</JAVA>
                     <NET>System. Data. Sql Cl i ent. Sql Connecti on</NET>
             </DRI VER>
             <URL>
                     <DI SPLAYNAME>
                              <LABEL LANG="en_us">URL</LABEL>
                     </DI SPLAYNAME>
    <JAVA>j dbc: mi crosoft: sql server: //{serverAddress}: {portNo}; DatabaseName={dbName}
; Sel ectMethod=Cursor</JAVA>
                     <NET>Network
                                                                 Library=DBMSSOCN; Data
Source={serverAddress}, {portNo}; I ni ti al
                                                                 Catalog={dbName};User
ID={user}; Password={password}; </NET>
            </URL>
             <HANDLER>
                     <JAVA>com. forcs. db. 0ZMSSQLHandI er</JAVA>
                     <NET>com. forcs. db. 0ZMssql Handl er</NET>
             </HANDLER>
             <PARAMETER_FLAG>
                     <NET>@</NET>
             </PARAMETER_FLAG>
             <I TEMS>
                     <I TEM KEY="serverAddress">
                              <LABEL LANG="en_us">Database server IP Address</LABEL>
                              <LABEL LANG="ko_kr">
                                                                  IΡ
                                                                      </LABEL>
                              <LABEL LANG="ja_jp">Database server IP Address</LABEL>
                     </ITEM>
                     <ITEM KEY="portNo" DEFAULTVALUE="1433">
                              <LABEL LANG="en_us">Database server port number</LABEL>
                              <LABEL LANG="ko_kr">
                                                                          </LABEL>
                              <LABEL LANG="ja_jp">Database server port number</LABEL>
                     </I TEM>
                     <ITEM KEY="dbName" DEFAULTVALUE="master">
                              <LABEL LANG="en_us">Database name</LABEL>
                              <LABEL LANG="ko_kr">
                                                                 </LABEL>
                              <LABEL LANG="ja_jp">Database name</LABEL>
```

```
</I TEM>
             </I TEMS>
             <ADDI TI ONAL>
                      <FI ELDTYPES>
                               <FI ELDTYPE NAME="DATE">DATETIME</FI ELDTYPE>
                      </FI ELDTYPES>
                      <I NF0S>
                               <I NFO
                                              KEY="DATE_EXPRESSION">CAST('@YYYY.@MM.@DD
@hh: @mm: @ss' AS DATETIME) </INFO>
                      </INF0S>
             </ADDI TI ONAL>
    </VENDOR>
    <VENDOR NAME="mssql 2005">
             <DI SPLAYNAME>
                      <LABEL LANG="en_us">MS-SQL</LABEL>
             </DI SPLAYNAME>
             <DRI VER>
                      <DI SPLAYNAME>
                               <LABEL LANG="en_us">Driver</LABEL>
                      </DI SPLAYNAME>
                      <JAVA>com. mi crosoft.sql server.jdbc.SQLServerDri ver</JAVA>
                      <NET>System. Data. Sql Cl i ent. Sql Connecti on</NET>
             </DRI VER>
             <URL>
                      <DI SPLAYNAME>
                               <LABEL LANG="en_us">URL</LABEL>
                      </DI SPLAYNAME>
    <JAVA>j dbc: sql server: //{serverAddress}: {portNo}; DatabaseName={dbName}</JAVA>
                      <NET>Network
                                                                   Library=DBMSSOCN; Data
Source={serverAddress}, {portNo}; I ni ti al
                                                                   Catalog={dbName}; User
ID={user}; Password={password}; </NET>
             </URL>
             <HANDLER>
                      <JAVA>com. forcs. db. 0ZMSSQLHandI er</JAVA>
                      <NET>com. forcs. db. 0ZMssql Handl er</NET>
             </HANDLER>
             <PARAMETER_FLAG>
                      <NET>@</NET>
             </PARAMETER_FLAG>
             <I TEMS>
                      <ITEM KEY="serverAddress">
                               <LABEL LANG="en_us">Database server IP Address</LABEL>
                                                                    ΙP
                               <LABEL LANG="ko_kr">
                                                                           </LABEL>
```

```
<LABEL LANG="ja_jp">Database server IP Address</LABEL>
                     </I TEM>
                     <ITEM KEY="portNo" DEFAULTVALUE="1433">
                              <LABEL LANG="en_us">Database server port number</LABEL>
                              <LABEL LANG="ko_kr">
                                                                           </LABEL>
                              <LABEL LANG="ja_jp">Database server port number</LABEL>
                     </I TEM>
                     <ITEM KEY="dbName" DEFAULTVALUE="master">
                              <LABEL LANG="en_us">Database name</LABEL>
                              <LABEL LANG="ko_kr">
                                                                  </LABEL>
                              <LABEL LANG="ja_jp">Database name</LABEL>
                     </I TEM>
             </I TEMS>
             <ADDI TI ONAL>
                      <FI ELDTYPES>
                              <FIELDTYPE NAME="DATE">DATETIME</FIELDTYPE>
                     </FI ELDTYPES>
                     <I NF0S>
                              <I NFO
                                             KEY="DATE_EXPRESSION">CAST('@YYYY.@MM.@DD
@hh: @mm: @ss' AS DATETIME) </INFO>
                     </INF0S>
             </ADDI TI ONAL>
    </VENDOR>
    <VENDOR NAME="mssql 2005_mars">
             <DI SPLAYNAME>
                     <LABEL LANG="en_us">MS-SQL</LABEL>
             </DI SPLAYNAME>
             <DRI VER>
                      <DI SPLAYNAME>
                              <LABEL LANG="en_us">Driver</LABEL>
                     </DI SPLAYNAME>
                     <NET>System. Data. Sql Cl i ent. Sql Connecti on</NET>
             </DRI VER>
             <URL>
                     <DI SPLAYNAME>
                              <LABEL LANG="en_us">URL</LABEL>
                      </DI SPLAYNAME>
                     <NET>Network
                                                                  Library=DBMSSOCN; Data
Source={serverAddress}, {portNo}; I ni ti al
                                                                  Catalog={dbName};User
ID={user}; Password={password}; MultipleActiveResultSets=True</NET>
             </URL>
             <HANDLER>
                     <NET>com. forcs. db. 0ZMssql Handl er</NET>
             </HANDLER>
```

```
<PARAMETER_FLAG>
                     <NET>@</NET>
             </PARAMETER FLAG>
             <I TEMS>
                     <| TEM KEY="serverAddress">
                              <LABEL LANG="en_us">Database server IP Address</LABEL>
                              <LABEL LANG="ko_kr">
                                                                  IΡ
                                                                        </LABEL>
                              <LABEL LANG="ja_jp">Database server IP Address</LABEL>
                     </I TEM>
                     <ITEM KEY="portNo" DEFAULTVALUE="1433">
                              <LABEL LANG="en_us">Database server port number</LABEL>
                              <LABEL LANG="ko_kr">
                                                                          </LABEL>
                              <LABEL LANG="ja_jp">Database server port number</LABEL>
                     </I TEM>
                     <ITEM KEY="dbName" DEFAULTVALUE="master">
                              <LABEL LANG="en_us">Database name</LABEL>
                              <LABEL LANG="ko_kr">
                                                                 </LABEL>
                             <LABEL LANG="ja_jp">Database name</LABEL>
                     </I TEM>
             </I TEMS>
             <ADDI TI ONAL>
                     <FI ELDTYPES>
                              <FIELDTYPE NAME="DATE">DATETIME</FIELDTYPE>
                     </FI ELDTYPES>
                     <I NF0S>
                              <I NFO
                                           KEY="DATE_EXPRESSION">CAST('@YYYY.@MM.@DD
@hh: @mm: @ss' AS DATETIME) </INFO>
                     </INF0S>
             </ADDI TI ONAL>
      <MARS ACTIVE="true" MAJOR_VERSION="2" MINOR_VERSION="0"/>
    </VENDOR>
    <VENDOR NAME="db2">
             <DI SPLAYNAME>
                     <LABEL LANG="en_us">I BM-DB2</LABEL>
             </DI SPLAYNAME>
             <DRI VER SUPPORTFUNCTI ON="FALSE">
                     <DI SPLAYNAME>
                              <LABEL LANG="en_us">Dri ver</LABEL>
                     </DI SPLAYNAME>
                     <JAVA>COM. i bm. db2. j dbc. net. DB2Dri ver</JAVA>
                     <NET>I BM. Data. DB2. DB2Connection</NET>
             </DRI VER>
             <URL>
                     <DI SPLAYNAME>
```

```
<LABEL LANG="en_us">URL</LABEL>
                     </DI SPLAYNAME>
                     <JAVA>jdbc:db2://{serverAddress}:{portNo}/{dbName}</JAVA>
                     <NET>Server={serverAddress}: {portNo}; Database={dbName}; User
ID={user}; Password={password}; </NET>
            </URL>
            <HANDLER>
                     <!-- JAVA , OZGeneral Handler .. -->
                     <NET>com. forcs. db. 0ZDb2Handl er</NET>
            </HANDLER>
            <PARAMETER_FLAG>
                     <NET>@</NET>
            </PARAMETER FLAG>
            <I TEMS>
                     <| TEM KEY="serverAddress">
                             <LABEL LANG="en_us">Database server IP Address</LABEL>
                             <LABEL LANG="ko_kr">
                                                                 ΙP
                                                                       </LABEL>
                             <LABEL LANG="ja_jp">Database server IP Address</LABEL>
                     </I TEM>
                     <ITEM KEY="portNo" DEFAULTVALUE="50000">
                             <LABEL LANG="en_us">Database server port number</LABEL>
                             <LABEL LANG="ko kr">
                                                                        </LABEL>
                             <LABEL LANG="ja_jp">Database server port number</LABEL>
                     </I TEM>
                     <I TEM KEY="dbName">
                             <LABEL LANG="en_us">Database name</LABEL>
                             <LABEL LANG="ko_kr">
                                                                </LABEL>
                             <LABEL LANG="ja_jp">Database name</LABEL>
                     </ITEM>
            </I TEMS>
            <ADDI TI ONAL>
                     <FI ELDTYPES>
                             <FIELDTYPE NAME="DATE">TIMESTAMP</FIELDTYPE>
                     </FI ELDTYPES>
                     <I NF0S>
                             <I NFO
                                        KEY="DATE_EXPRESSI ON">TO_DATE('@YYYY-@MM-@DD
@hh: @mm: @ss', 'YYYY-MM-DD HH24: MI: SS') </INFO>
                     </INF0S>
            </ADDI TI ONAL>
    </VENDOR>
    <VENDOR NAME="odbc">
            <DI SPLAYNAME>
                     <LABEL LANG="en_us">ODBC</LABEL>
            </DI SPLAYNAME>
```

```
<DRI VER>
                 <DI SPLAYNAME>
                          <LABEL LANG="en_us">Driver</LABEL>
                 </DI SPLAYNAME>
                 <JAVA>sun. j dbc. odbc. Jdbc0dbcDri ver</JAVA>
                 <NET>System. Data. Odbc. OdbcConnection</NET>
        </DRI VER>
        <URL>
                 <DI SPLAYNAME>
                          <LABEL LANG="en_us">URL</LABEL>
                 </DI SPLAYNAME>
                 <JAVA>j dbc: odbc: {dsn}</JAVA>
                 <NET>Dsn={dsn}; Ui d={user}; Pwd={password}</NET>
        </URL>
        <HANDLER>
                 <NET>com. forcs. db. OZGeneral Handl er</NET>
        </HANDLER>
        <PARAMETER_FLAG>
                 <NET TYPE="posi ti onal ">?</NET>
        </PARAMETER_FLAG>
        <I TEMS>
                 <I TEM KEY="dsn">
                          <LABEL LANG="en_us">Data Source Name</LABEL>
                          <LABEL LANG="ko_kr">
                                                                        </LABEL>
                          <LABEL LANG="ja_jp">Data Source Name</LABEL>
                 </I TEM>
        </I TEMS>
</VENDOR>
<VENDOR NAME="informix">
        <DI SPLAYNAME>
                 <LABEL LANG="en_us">I NFORMI X</LABEL>
        </DI SPLAYNAME>
        <DRI VER>
                 <DI SPLAYNAME>
                          <LABEL LANG="en_us">Driver</LABEL>
                 </DI SPLAYNAME>
                 <JAVA>com. i nformi x. j dbc. l fxDri ver</JAVA>
                 <NET>I BM. Data. Informix. I fxConnection</NET>
        </DRI VER>
        <URL>
                 <DI SPLAYNAME>
                          <LABEL LANG="en_us">URL</LABEL>
                 </DI SPLAYNAME>
                 <JAVA>j dbc: I nformi x-
```

```
sqli://{serverAddress}: {portNo}/{dbName}: informixserver={serverName}</JAVA>
    <NET>Host={serverAddress}; Service={portNo}; Server={serverName}; Database={dbName
}; User ID={user}; Password={password}; </NET>
             </URL>
             <HANDLER>
                     <NET>com. forcs. db. 0ZI nformi xHandl er</NET>
             </HANDLER>
             <I TEMS>
                     <ITEM KEY="serverAddress">
                              <LABEL LANG="en_us">Database server IP Address</LABEL>
                              <LABEL LANG="ko_kr">
                                                                  IP
                                                                         </LABEL>
                              <LABEL LANG="ja_jp">Database server IP Address</LABEL>
                     </ITEM>
                     <ITEM KEY="portNo">
                              <LABEL LANG="en_us">Database server port number</LABEL>
                              <LABEL LANG="ko_kr">
                                                                          </LABEL>
                              <LABEL LANG="ja_jp">Database server port number</LABEL>
                     </I TEM>
                     <ITEM KEY="serverName">
                              <LABEL LANG="en_us">Database server name</LABEL>
                              <LABEL LANG="ko kr">
                                                                    </LABEL>
                              <LABEL LANG="ja_jp">Database server name</LABEL>
                     </I TEM>
                     <I TEM KEY="dbName">
                              <LABEL LANG="en_us">Database name</LABEL>
                              <LABEL LANG="ko_kr">
                                                                 </LABEL>
                              <LABEL LANG="ja_jp">Database name</LABEL>
                     </ITEM>
             </I TEMS>
    </VENDOR>
    <VENDOR NAME="sybase">
             <DI SPLAYNAME>
                     <LABEL LANG="en_us">SYBASE</LABEL>
             </DI SPLAYNAME>
             <DRI VER SUPPORTFUNCTI ON="FALSE">
                     <DI SPLAYNAME>
                              <LABEL LANG="en_us">Dri ver</LABEL>
                     </DI SPLAYNAME>
                     <JAVA>com. sybase. j dbc2. j dbc. SybDri ver</JAVA>
                     <NET>Sybase. Data. AseClient. AseConnection</NET>
             </DRI VER>
             <URL>
                     <DI SPLAYNAME>
```

```
<LABEL LANG="en_us">URL</LABEL>
                     </DI SPLAYNAME>
    <JAVA>j dbc: sybase: {dsn}: {serverAddress}: {portNo}/{dbName}</JAVA>
                     <NET>Network
                                                                Library=DBMSSOCN; Data
Source={serverAddress}, {portNo}; Initial
                                                                Catalog={dbName};User
ID={user}; Password={password}; </NET>
            </URL>
            <HANDLER>
                     <NET>com. forcs. db. 0ZSybaseHandl er</NET>
            </HANDLER>
            <PARAMETER_FLAG>
                     <NET>@</NET>
            </PARAMETER_FLAG>
            <I TEMS>
                     <I TEM KEY="dsn" DEFAULT="Tds">
                             <LABEL LANG="en_us">Data source name</LABEL>
                             <LABEL LANG="ko_kr">
                                                                        </LABEL>
                             <LABEL LANG="ja_jp">Data source name</LABEL>
                     </I TEM>
                     <ITEM KEY="serverAddress">
                             <LABEL LANG="en us">Database server IP Address</LABEL>
                             <LABEL LANG="ko_kr">
                                                                 IΡ
                                                                        </LABEL>
                             <LABEL LANG="ja_jp">Database server IP Address</LABEL>
                     </I TEM>
                     <ITEM KEY="portNo">
                             <LABEL LANG="en_us">Database server port number</LABEL>
                             <LABEL LANG="ko_kr">
                                                                         </LABEL>
                             <LABEL LANG="ja_jp">Database server port number</LABEL>
                     </I TEM>
                     <I TEM KEY="dbName">
                             <LABEL LANG="en_us">Database name</LABEL>
                             <LABEL LANG="ko_kr">
                                                                </LABEL>
                             <LABEL LANG="ja_jp">Database name</LABEL>
                     </ITEM>
            </I TEMS>
            <ADDI TI ONAL>
                     <FI ELDTYPES>
                              <FIELDTYPE NAME="DATE">DATETIME</FIELDTYPE>
                     </FI ELDTYPES>
                     <I NF0S>
                             <I NFO
                                              KEY="DATE_EXPRESSION" > CONVERT (DATETIME,
'@YYYY.@MM.@DD @hh:@mm:@ss')</INFO>
                     </INFOS>
```

```
</ADDI TI ONAL>
</VENDOR>
<VENDOR NAME="uni sql">
        <DI SPLAYNAME>
                 <LABEL LANG="en_us">UNI -SQL</LABEL>
        </DI SPLAYNAME>
        <DRI VER>
                 <DI SPLAYNAME>
                         <LABEL LANG="en_us">Driver</LABEL>
                 </DI SPLAYNAME>
                 <JAVA>uni sql. j dbc. dri ver. Uni SQLDri ver</JAVA>
        </DRI VER>
        <URL>
                 <DI SPLAYNAME>
                         <LABEL LANG="en_us">URL</LABEL>
                 </DI SPLAYNAME>
                 <JAVA>j dbc: uni sql: {serverAddress}: {portNo}: {dbName}:::<//JAVA>
        </URL>
        <HANDLER/>
        <I TEMS>
                 <ITEM KEY="serverAddress">
                         <LABEL LANG="en us">Database server IP Address</LABEL>
                         <LABEL LANG="ko_kr">
                                                              ΙP
                                                                    </LABEL>
                         <LABEL LANG="ja_jp">Database server IP Address</LABEL>
                 </ITEM>
                 <ITEM KEY="portNo">
                         <LABEL LANG="en_us">Database server port number</LABEL>
                         <LABEL LANG="ko_kr">
                                                                      </LABEL>
                         <LABEL LANG="ja_jp">Database server port number</LABEL>
                 </I TEM>
                 <I TEM KEY="dbName">
                         <LABEL LANG="en_us">Database name</LABEL>
                         <LABEL LANG="ko_kr">
                                                             </LABEL>
                         <LABEL LANG="ja_jp">Database name</LABEL>
                 </ITEM>
        </I TEMS>
</VENDOR>
<VENDOR NAME="mysql">
        <DI SPLAYNAME>
                 <LABEL LANG="en_us">mysql </LABEL>
        </DI SPLAYNAME>
        <DRI VER>
                 <DI SPLAYNAME>
                         <LABEL LANG="en_us">Driver</LABEL>
```

```
</DI SPLAYNAME>
                <JAVA>com. mysql.jdbc.Driver</JAVA>
        </DRI VER>
        <URL>
                <DI SPLAYNAME>
                         <LABEL LANG="en_us">URL</LABEL>
                </DI SPLAYNAME>
                <JAVA>jdbc:mysql://{serverAddress}: {portNo}/{dbName}</JAVA>
        </URL>
        <HANDLER/>
        <I TEMS>
                <| TEM KEY="serverAddress">
                         <LABEL LANG="en_us">Database server IP Address</LABEL>
                         <LABEL LANG="ko_kr"> IP
                                                                  </LABEL>
                         <LABEL LANG="ja_jp">Database server IP Address</LABEL>
                </I TEM>
                <ITEM KEY="portNo">
                         <LABEL LANG="en_us">Database server port number</LABEL>
                         <LABEL LANG="ko_kr">
                                                                    </LABEL>
                         <LABEL LANG="ja_jp">Database server port number</LABEL>
                </ITEM>
                <I TEM KEY="dbName">
                         <LABEL LANG="en_us">Database name</LABEL>
                         <LABEL LANG="ko_kr">
                                                           </LABEL>
                         <LABEL LANG="ja_jp">Database name</LABEL>
                </I TEM>
        </I TEMS>
</VENDOR>
<VENDOR NAME="user">
        <DI SPLAYNAME>
                <LABEL LANG="en_us">User-Defined</LABEL>
        </DI SPLAYNAME>
        <DRI VER>
                <DI SPLAYNAME>
                         <LABEL LANG="en_us">Driver</LABEL>
                </DI SPLAYNAME>
                <JAVA>{driver}</JAVA>
        </DRI VER>
        <URL>
                <DI SPLAYNAME>
                         <LABEL LANG="en_us">URL</LABEL>
                </DI SPLAYNAME>
                <JAVA>{url }</JAVA>
        </URL>
```

```
<I TEMS>
                     <I TEM KEY="driver">
                              <LABEL LANG="en_us">Driver Class Name</LABEL>
                              <LABEL LANG="ko_kr">
                                                                    </LABEL>
                              <LABEL LANG="ja_jp">Driver Class Name</LABEL>
                     </I TEM>
                     <ITEM KEY="url">
                              <LABEL LANG="en_us">Connection URL</LABEL>
                              <LABEL LANG="ko_kr"> URL</LABEL>
                              <LABEL LANG="ja_jp">Connection URL</LABEL>
                     </ITEM>
             </I TEMS>
    </VENDOR>
    <VENDOR NAME="mssql-oledb">
             <DI SPLAYNAME>
                     <LABEL LANG="en_us">mssql -ol edb</LABEL>
             </DI SPLAYNAME>
             <DRI VER>
                     <DI SPLAYNAME>
                              <LABEL LANG="en_us">Dri ver</LABEL>
                     </DI SPLAYNAME>
                     <NET>System. Data. OI eDb. OI eDbConnecti on</NET>
             </DRI VER>
             <URL>
                     <DI SPLAYNAME>
                              <LABEL LANG="en_us">URL</LABEL>
                     </DI SPLAYNAME>
                     <NET>Provi der=SQLOLEDB; Data
Source={serverAddress}, {portNo}; Network
                                                              Library=DBMSSOCN; initial
catal og={dbName}; User Id={user}; Password={password}; </NET>
             </URL>
             <HANDLER>
                     <NET>com. forcs. db. 0Z0LEDBHandI er</NET>
             </HANDLER>
             <PARAMETER_FLAG>
                     <NET TYPE="posi ti onal ">?</NET>
             </PARAMETER_FLAG>
             <I TEMS>
                     <ITEM KEY="serverAddress">
                              <LABEL LANG="en_us">Database server IP Address</LABEL>
                              <LABEL LANG="ko_kr">
                                                             IP </LABEL>
                              <LABEL LANG="ja_jp">Database server IP Address</LABEL>
                     </I TEM>
```

```
<ITEM KEY="portNo">
                             <LABEL LANG="en_us">Database server port number</LABEL>
                             <LABEL LANG="ko_kr">
                                                                     </LABEL>
                             <LABEL LANG="ja_jp">Database server port number</LABEL>
                     </I TEM>
                     <I TEM KEY="dbName">
                             <LABEL LANG="en_us">Database name</LABEL>
                             <LABEL LANG="ko_kr">
                                                                </LABEL>
                             <LABEL LANG="ja_jp">Database name</LABEL>
                     </I TEM>
            </I TEMS>
            <ADDI TI ONAL>
                     <FI ELDTYPES>
                             <FIELDTYPE NAME="DATE">DATETIME</FIELDTYPE>
                     </FI ELDTYPES>
                     <I NF0S>
                             <I NFO
                                            KEY="DATE_EXPRESSION">CAST('@YYYY.@MM.@DD
@hh: @mm: @ss' AS DATETIME) </INFO>
                     </INFOS>
            </ADDI TI ONAL>
    </VENDOR>
    <VENDOR NAME="oracle-oledb">
            <DI SPLAYNAME>
                     <LABEL LANG="en_us">oracle-oledb</LABEL>
            </DI SPLAYNAME>
            <DRI VER>
                     <DI SPLAYNAME>
                             <LABEL LANG="en_us">Driver</LABEL>
                     </DI SPLAYNAME>
                     <NET>System. Data. OI eDb. OI eDbConnecti on</NET>
            </DRI VER>
            <URL>
                     <DI SPLAYNAME>
                             <LABEL LANG="en_us">URL</LABEL>
                     </DI SPLAYNAME>
                     <NET>Provi der=ORAOLEDB. Oracl e; Data Source={sid}; User
I d={user}; Password={password}; </NET>
            </URL>
            <HANDLER>
                     <NET>com. forcs. db. 0Z0LEDBHandI er</NET>
            </HANDLER>
            <PARAMETER_FLAG>
                     <NET TYPE="posi ti onal ">?</NET>
            </PARAMETER_FLAG>
```

```
<I TEMS>
                      <ITEM KEY="sid">
                               <LABEL LANG="en_us">SID</LABEL>
                               <LABEL LANG="ko_kr">SID</LABEL>
                               <LABEL LANG="j a_j p">SI D</LABEL>
                      </I TEM>
             </I TEMS>
             <ADDI TI ONAL>
                      <FI ELDTYPES>
                               <FI ELDTYPE NAME="DATE">DATE</FI ELDTYPE>
                      </FI ELDTYPES>
                      <I NF0S>
                               <I NFO
                                          KEY="DATE_EXPRESSION">TO_DATE('@YYYY/@MM/@DD
@hh: @mm: @ss' , 'YYYY/MM/DD hh24: mi : ss' )</INFO>
                               <INFO KEY="LIKE_QUERY">I i ke</INFO>
                               <INFO KEY="LIKE_DELEMETER">%</INFO>
                      </INF0S>
             </ADDI TI ONAL>
    </VENDOR>
    <VENDOR NAME="sybase-oledb">
             <DI SPLAYNAME>
                      <LABEL LANG="en_us">sybase-ol edb</LABEL>
             </DI SPLAYNAME>
             <DRI VER>
                      <DI SPLAYNAME>
                               <LABEL LANG="en_us">Driver</LABEL>
                      </DI SPLAYNAME>
                      <NET>System. Data. OI eDb. OI eDbConnecti on</NET>
             </DRI VER>
             <URL>
                      <DI SPLAYNAME>
                               <LABEL LANG="en_us">URL</LABEL>
                      </DI SPLAYNAME>
                      <NET>Provi der=Sybase ASE OLE DB Provi der; Datasource={dsn}; User
ID={user}; Password={password}; </NET>
             </URL>
             <HANDLER>
                      <NET>com. forcs. db. 0Z0LEDBHandI er</NET>
             </HANDLER>
             <PARAMETER_FLAG>
                      <NET TYPE="posi ti onal ">?</NET>
             </PARAMETER_FLAG>
             <I TEMS>
                      <I TEM KEY="dsn" DEFAULT="Tds">
```

```
<LABEL LANG="en_us">Data source name</LABEL>
                              <LABEL LANG="ko_kr">
                                                                  </LABEL>
                              <LABEL LANG="ja_jp">Data source name</LABEL>
                      </1 TEM>
             </I TEMS>
             <ADDI TI ONAL>
                      <FI ELDTYPES>
                              <FI ELDTYPE NAME="DATE">DATETIME</FI ELDTYPE>
                      </FI ELDTYPES>
                      <I NF0S>
                              <I NFO
                                               KEY="DATE_EXPRESSION" > CONVERT (DATETIME,
'@YYYY.@MM.@DD @hh:@mm:@ss')</INFO>
                      </INF0S>
             </ADDI TI ONAL>
    </VENDOR>
    <VENDOR NAME="db2-ol edb">
             <DI SPLAYNAME>
                      <LABEL LANG="en_us">db2-ol edb</LABEL>
             </DI SPLAYNAME>
             <DRI VER>
                      <DI SPLAYNAME>
                              <LABEL LANG="en_us">Driver</LABEL>
                      </DI SPLAYNAME>
                      <NET>System. Data. OI eDb. OI eDbConnecti on</NET>
             </DRI VER>
             <URL>
                      <DI SPLAYNAME>
                              <LABEL LANG="en_us">URL</LABEL>
                      </DI SPLAYNAME>
                      <NET>Provi der=I BMDADB2; Data
Source={dbName}; UI D={user}; PWD={password}; </NET>
             </URL>
             <HANDLER>
                      <NET>com. forcs. db. 0Z0LEDBHandI er</NET>
             </HANDLER>
             <PARAMETER_FLAG>
                      <NET TYPE="posi ti onal ">?</NET>
             </PARAMETER_FLAG>
             <I TEMS>
                      <I TEM KEY="dbName">
                              <LABEL LANG="en_us">Database name</LABEL>
                              <LABEL LANG="ko_kr">
                                                                   </LABEL>
                              <LABEL LANG="ja_jp">Database name</LABEL>
                      </I TEM>
```

```
</I TEMS>
             <ADDI TI ONAL>
                      <FI ELDTYPES>
                               <FIELDTYPE NAME="DATE">TIMESTAMP</FIELDTYPE>
                      </FI ELDTYPES>
                      <I NF0S>
                               <I NFO
                                           KEY="DATE_EXPRESSION">TO_DATE('@YYYY-@MM-@DD
@hh: @mm: @ss' , 'YYYY-MM-DD HH24: MI : SS' ) </INFO>
                      </INF0S>
             </ADDI TI ONAL>
    </VENDOR>
    <VENDOR NAME="informix-oledb">
             <DI SPLAYNAME>
                      <LABEL LANG="en_us">i nformi x-ol edb</LABEL>
             </DI SPLAYNAME>
             <DRI VER>
                      <DI SPLAYNAME>
                               <LABEL LANG="en_us">Driver</LABEL>
                      </DI SPLAYNAME>
                      <NET>System. Data. OI eDb. OI eDbConnecti on</NET>
             </DRI VER>
             <URL>
                      <DI SPLAYNAME>
                               <LABEL LANG="en_us">URL</LABEL>
                      </DI SPLAYNAME>
                      <NET>Provi der=l fxol edbc; Data
                                                                    Source={dbName}; User
ID={user}; password={password}; </NET>
             </URL>
             <HANDLER>
                      <NET>com. forcs. db. 0Z0LEDBHandI er</NET>
             </HANDLER>
             <PARAMETER_FLAG>
                      <NET TYPE="posi ti onal ">?</NET>
             </PARAMETER_FLAG>
             <I TEMS>
                      <I TEM KEY="dbName">
                               <LABEL LANG="en_us">Database name</LABEL>
                               <LABEL LANG="ko_kr">
                                                                   </LABEL>
                               <LABEL LANG="ja_jp">Database name</LABEL>
                      </I TEM>
             </I TEMS>
    </VENDOR>
</DBCONNECTI ON_I NFORMATI ON>
```

- ΟZ dbconfig.xml VENDOR . (
- VENDOR .) DB "user" "password" ITEM
  - . (ITEM 가.)
- <ITEM> KEY 1
- <ITEM> KEY

,

- (~, !, @, #, \$, %, ^, \*, (), \_, +, |, \, =, -, {}, [], :, ;, ., ,, /, ?)
- <ITEM> KEY

"alias", "vendor", "key", "user", "password", "initconns", "maxconns", "timeout", "initSqls", "closeSqls", "doAutoCommit", "doConnectionCheck", "testQueryString", "sessionQuery", "\_encrypted" , "NAME", "INCLUDE", "VENDOR", "USERNAME", "ENCYPW", "PASSWORD", "USEALIAS", "POOLALIAS", "ALIASFILENAME", "AUTOCOMMIT", "ENCODECHARSET", "DECODECHARSET", "TIMEFORMAT", "DATEFORMAT", "TIMESTAMPFORMAT"

RDB DB Vendor <ADDITIONAL> 가 . ( DATE\_EXPRESSION 1 DB Vendor가 가

.)				
	Vendor	DATE type	DATE_EXPRESSION	
	ORACLE	DATE	TO_DATE('@YYYY/@MM/@DD @hh:@mm:@ss', 'YYYY/MM/DD hh24:mi:ss')	
	MSSQL	SSQL DATETIME	CAST('@YYYY.@MM.@DD @hh:@mm:@ss' AS	
			DATETIME)	
	DB2	TIMESTAMP	TO_DATE('@YYYY-@MM-@DD	
			@hh:@mm:@ss', 'YYYY-MM-DD HH24:MI:SS')	
	SYBASE	DATETIME	CONVERT(DATETIME, '@YYYY.@MM.@DD	
			@hh:@mm:@ss')	
		DATE	TO_DATE('@YYYY/@MM/@DD	
		BATE	<pre>@hh:@mm:@ss', 'YYYY/MM/DD hh24:mi:ss')</pre>	
	1	RDB		

MARS(Multiple Active Result Sets)

•				
ORA	CLE .N	ET Framew	vork 1.1	, MSSQL 2005
.NET Fr	amework 2.0			MSSQL 2005
	mssql	2005_mar	S	
ORACLE :		ACTIVE	true	MAJOR_VESRION,
MINOR_VERSION				.NET Framework 1.1
	<mars MINOR_VERSIO</mars 	ACTIVE ON="1" />	="true"	MAJOR_VERSION="1"
MSSQL 2005	:	ACTIVE	true	MAJOR_VERSION,
	MINOR_VEF	RSION		.NET Framework
	2.0			
	<mars MINOR_VEF</mars 	ACTIV RSION="0"	E="true" />	MAJOR_VERSION="2"

#### dbconfig.xsd

dbconfig.xml	xsd	. dbconfig.xml
--------------	-----	----------------

```
<?xml version="1.0" encoding="utf-8"?>
<xsd: schema xml ns: xsd="http://www.w3.org/2001/XMLSchema">
    <rpre><xsd: compl exType name="t_LABEL">
             <xsd: si mpl eContent>
                      <xsd: extension base="xsd: string">
                               <xsd: attribute name="LANG" type="xsd: string" />
                      </xsd: extensi on>
             </xsd: si mpl eContent>
    </xsd: compl exType>
    <rsd: compl exType name="t_DI SPLAYNAME">
             <xsd: sequence>
                      <xsd: el ement name="LABEL" type="t_LABEL"</pre>
                                                                            minOccurs="1"
maxOccurs="unbounded" />
             </xsd: sequence>
    </xsd: compl exType>
    <rsd: compl exType name="t_DRIVER">
             <xsd: sequence>
                      <xsd: el ement name="DI SPLAYNAME" type="t_DI SPLAYNAME" />
```

	<xsd:element< th=""><th>name="JAVA"</th><th>type="xsd: stri ng"</th><th>minOccurs="0"</th></xsd:element<>	name="JAVA"	type="xsd: stri ng"	minOccurs="0"	
maxOccurs="1" />					
	<xsd:element< td=""><td>name="NET"</td><td>type="xsd:string"</td><td>minOccurs="0"</td></xsd:element<>	name="NET"	type="xsd:string"	minOccurs="0"	
maxOccurs="1" />					
<td>sequence&gt;</td> <td></td> <td></td> <td></td>	sequence>				
<td>pe&gt;</td> <td></td> <td></td> <td></td>	pe>				
<xsd: compl="" extyp<="" td=""><td>e name="t_HANDLI</td><td>ER"&gt;</td><td></td><td></td></xsd:>	e name="t_HANDLI	ER">			
<xsd: se<="" td=""><td>equence&gt;</td><td></td><td></td><td></td></xsd:>	equence>				
	<xsd:element< td=""><td>name="JAVA"</td><td>type="xsd: stri ng"</td><td>minOccurs="0"</td></xsd:element<>	name="JAVA"	type="xsd: stri ng"	minOccurs="0"	
maxOccurs="1" />					
	<xsd:element< td=""><td>name="NET"</td><td>type="xsd:string"</td><td>minOccurs="0"</td></xsd:element<>	name="NET"	type="xsd:string"	minOccurs="0"	
maxOccurs="1" />					
<td>sequence&gt;</td> <td></td> <td></td> <td></td>	sequence>				
<td>/pe&gt;</td> <td></td> <td></td> <td></td>	/pe>				
<xsd: compl="" extyp<="" td=""><td>e name="t_PARAM</td><td>ETERFLAG"&gt;</td><td></td><td></td></xsd:>	e name="t_PARAM	ETERFLAG">			
<xsd: se<="" td=""><td>equence&gt;</td><td></td><td></td><td></td></xsd:>	equence>				
	<xsd:element< td=""><td>name="JAVA"</td><td>type="xsd: stri ng"</td><td>minOccurs="0"</td></xsd:element<>	name="JAVA"	type="xsd: stri ng"	minOccurs="0"	
maxOccurs="1" />					
	<xsd:element< td=""><td>name="NET"</td><td>type="xsd:string"</td><td>minOccurs="0"</td></xsd:element<>	name="NET"	type="xsd:string"	minOccurs="0"	
maxOccurs="1" />					
<td>sequence&gt;</td> <td></td> <td></td> <td></td>	sequence>				
<td>pe&gt;</td> <td></td> <td></td> <td></td>	pe>				
<xsd: compl="" extyp<="" td=""><td>e name="t_ITEM":</td><td>&gt;</td><td></td><td></td></xsd:>	e name="t_ITEM":	>			
<xsd: se<="" td=""><td>equence&gt;</td><td></td><td></td><td></td></xsd:>	equence>				
	<pre><xsd: el="" ement<="" pre=""></xsd:></pre>	name="LABEL"	type="t_LABEL"	minOccurs="1"	
maxOccurs="unbounde	d" />				
<td>sequence&gt;</td> <td></td> <td></td> <td></td>	sequence>				
<xsd: at<="" td=""><td>tribute name="K</td><td>EY" type="xsd:s</td><td>string" use="require</td><td>d" /&gt;</td></xsd:>	tribute name="K	EY" type="xsd:s	string" use="require	d" />	
<pre><xsd: attribute="" name="USE PROPERTY" type="xsd: string" use="optional"></xsd:></pre>					
<xsd: at<="" td=""><td>tribute name="D</td><td>EFAULT" type="&gt;</td><td>ksd:string" use="opt</td><td>i onal "/&gt;</td></xsd:>	tribute name="D	EFAULT" type=">	ksd:string" use="opt	i onal "/>	
<td>pe&gt;</td> <td>51</td> <td>5 1</td> <td></td>	pe>	51	5 1		
1 3					
<xsd: compl="" extyp<="" td=""><td>e name="t ITEMS</td><td>"&gt;</td><td></td><td></td></xsd:>	e name="t ITEMS	">			
<xsd: se<="" td=""><td>equence&gt;</td><td></td><td></td><td></td></xsd:>	equence>				
	<xsd:element< td=""><td>name="ITEM"</td><td>type="t ITEM"</td><td>minOccurs="0"</td></xsd:element<>	name="ITEM"	type="t ITEM"	minOccurs="0"	
maxOccurs="unbounde	d" />				
<td>sequence&gt;</td> <td></td> <td></td> <td></td>	sequence>				
<td>pe&gt;</td> <td></td> <td></td> <td></td>	pe>				
, near comprexity					
<xsd: compl="" extvp<="" td=""><td>e name="t FIELD</td><td>TYPE"&gt;</td><td></td><td></td></xsd:>	e name="t FIELD	TYPE">			

```
<xsd: extensi on base="xsd: string">
                               <xsd: attribute name="NAME" type="xsd: string" />
                      </xsd: extensi on>
             </xsd: simpleContent>
    </xsd: compl exType>
    <rpre><xsd: compl exType name="t_FIELDTYPES">
             <xsd: sequence>
                      <xsd: el ement name="FIELDTYPE" type="t_FIELDTYPE" minOccurs="0"</pre>
maxOccurs="unbounded" />
             </xsd: sequence>
    </xsd: compl exType>
    <re><xsd: complexType name="t_INFO">
             <xsd: si mpl eContent>
                      <xsd: extensi on base="xsd: string">
                               <xsd: attri bute name="KEY" type="xsd: string" />
                      </xsd: extensi on>
             </xsd: simpleContent>
    </xsd: compl exType>
    <rpre><xsd: complexType name="t_INFOS">
             <xsd: sequence>
                      <xsd: element name="INFO"
                                                      type="t_INFO"
                                                                            minOccurs="0"
maxOccurs="unbounded" />
             </xsd: sequence>
    </xsd: compl exType>
    <xsd: complexType name="t_ADDITIONAL">
             <xsd: sequence>
                      <xsd:element
                                           name="FIELDTYPES"
                                                                     type="t_FIELDTYPES"
minOccurs="0" maxOccurs="1" />
                      <xsd: el ement name="INFOS"</pre>
                                                       type="t_INFOS"
                                                                            mi nOccurs="0"
maxOccurs="1" />
             </xsd: sequence>
    </xsd: compl exType>
    <rsd: compl exType name="t_VENDOR">
             <xsd: sequence>
                      <xsd: el ement name="DI SPLAYNAME" type="t_DI SPLAYNAME" />
                      <xsd: el ement name="DRI VER" type="t_DRI VER"/>
                      <xsd: el ement name="URL" type="t_DRI VER"/>
                      <xsd: el ement name="HANDLER" type="t_HANDLER" minOccurs="0"</pre>
```

```
maxOccurs="1" />
                     <xsd: el ement name="PARAMETER_FLAG" type="t_PARAMETERFLAG"</pre>
minOccurs="0" maxOccurs="1" />
                    <xsd: el ement name="I TEMS"</pre>
                                                   type="t_ITEMS"
                                                                      minOccurs="0"
maxOccurs="1" />
                                       name="ADDI TI ONAL"
                                                                  type="t_ADDITIONAL"
                     <xsd:element
minOccurs="0" maxOccurs="1" />
            </xsd: sequence>
             <xsd: attribute name="NAME" type="xsd: string" use="required" />
    </xsd: compl exType>
    <rpre><xsd: el ement name="VENDOR" type="t_VENDOR" />
    <xsd: el ement name="DBCONNECTION_INFORMATION">
             <xsd: compl exType>
                     <xsd: sequence>
                             <rsd: el ement ref="VENDOR"
                                                                        minOccurs="0"
maxOccurs="unbounded" />
                     </xsd: sequence>
             </xsd: compl exType>
    </xsd: el ement>
</xsd: schema>
```

### log.properties

{OZ\_HOME}\conf\log.properties

```
log 'LOG4OZ'
FILE 'LOG4OZ' 가 , "Set Prioritylog Level", "Appender
ROLLING_FILE" HTTP
```

#### log.properties

```
#-----
# configuration of OZ logging system (LOG40Z)
#-----
# Set Prioritylog level
#
# DEBUG, INFO, WARN, ERROR
Priority=DEBUG
#
# appender ROLLING_FILE
# File
              MaxFileSize
#
          가
                   가
#
              MaxBackupI ndex
# Append :
 ImmediateFlush : 가
#
          fal se
#
```
# # ROLLING\_FILE. Type=RollingFile ROLLING\_FILE. File=%0Z\_HOME%/logs/server.log # ---------# ROLLING\_FILE. Type=DailyRollingFile // # ROLLING\_FILE. DatePattern=yyyy-MM-dd # -----ROLLING\_FILE. Append=true ROLLI NG\_FI LE. MaxBackupI ndex=5 ROLLING\_FILE. MaxFileSize=1MB ROLLING\_FILE. ImmediateFlush=true #-----# configuration of HTTPStore Logging #-----#HTTPSTORE\_LOG\_FILE=MANUAL (AUTO/MANUAL/NONE) #HTTPSTORE\_LOG\_FILE.LOCATION=%0Z\_HOME%/logs (Directory Name) #-----# configuraion of OZ Mail #-----#Mail.active=false #Mail.alais= #Mail.fromSend= #Mail.toSend= #Mail.SMTPServer= #Mail.SMTPServerPort=25 #Mail.SMTPUserID= #Mail.SMTPUserPassword= #Mail.SMTPUserID\_encrypted= #Mail.SMTPUserPassword\_encrypted= #Mail.SendRetryCount=1 #Mail.SendRetryPeriodTime=30 #Mail. PrefixSubjectMessage= #Mail.FilterType= #Mail.FilterServiceCode=

#### ■ LOG4OZ

	priority	ERROR			,
Set Prioritylog level		WARN	"E	RROR"	
		INFO	"E	RROR"	
		DEBUG	"ERROR", "INFO"		
appender ROLLING_		Rolling Fi	le		
FILE	ROLLING_FILE .Type	RollingFile		ex) server.log, server.log.1, server.log.2,	
		DailyRolli File	ing	(DatePattern)	
	ROLLING_FILE .DatePattern	"DatePattern"			
	ROLLING_FILE .File				
		가		7	'F
	ROLLING_FILE .Append	true		· 가	
		false		가	
	ROLLING_FILE .MaxBackupIn dex	Backup . 가		가	가
	ROLLING_FILE .MaxFilesize				

.

ROLLING_FI	E
.ImmediateF	u
sh	

#### HTTP

HTTP			HTTP	가	가	ODI	, ODI
	가	HTTP					

,

HTTPSTORE_LOG_FILE	HTTP	
	MANUAL	НТТР . ( )
	AUTO	HTTP
	NONE	HTTP
HTTPSTORE_LOG_FILE.L OCATION		, 가 , '%OZ_HOME%/logs'



'HTTPSTORE\_LOG\_FILE=AUTO'

### HTTP

. 'OZ\_HTTPSTATMENT.LOG.#' '#'

### 1 가 .

#### DatePattern

Pattern	Rollover schedule	
уууу-ММ		6 12 server.log server.log.2005-06 server.log .
уууу-ww	(	가, 1 12 server.log server.log.2005-01 server.log
уууу-MM-dd	( )	7 1 server.log server.log.2005-07-01 server.log .
уууу-MM-ddt	12 A : AM P : PM	7 1 12 server.log server.log.2005-07-01-09P server.log .
уууу-MM-dd-HH		7 1 10 server.log server.log.2005-07-01-09 server.log .
уууу-MM-dd-HH- mm		7 1 10 server.log server.log.2005-07-01-09-59 server.log .

		가		
active	true			
	false	(	)	
	mail.pro	perties		가
alais		alias	71	7}
	-	alias	21	가
		가 .		

fromSend	
toSend	: 7 (;) (,) ex) admin@forcs.com;oz@forcs.com admin@forcs.com,oz@forcs.com
SMTPServer	SMTP
SMTPServerPort	SMTP
SMTPUserID	SMTP ID : SMTP
SMTPUserPassword	SMTP ID : SMTP
SMTPUserID_encrypted	SMTP ID : SMTP ID ID ID .
SMTPUserPassword_encry pted	SMTP ID : SMTP
SendRetryCount	
SendRetryPeriodTime	( : )
PrefixSubjectMessage	: "[]+ "
FilterType	FilterServiceCode

	positive	FilterServiceCode 가 ex) FilterServiceCode가 123 가 123 가 FilterServiceCode가
	negative	FilterServiceCode ( ) ex) FilterServiceCode7+ 123 7+123 7+ FilterServiceCode7+
FilterServiceCode	:	"

- .NET Framework 2.0
  - server.log7ł . (.Net Framework 1.1 7ł System.Web.Mail , .)

ex) tmp19A.log

# mail.properties

{OZ\_HOME}\conf\mail.properties

### mail.properties

#
# Main configuration of oz mail
#
# <al as="" i="">. acti ve=fal se</al>
# <alias>.fromSend=</alias>
# <al as="" i="">. toSend=</al>
# <al as="" i="">. SMTPServer=</al>
# <al as="" i="">. SMTPServerPort=25</al>
# <al as="" i="">. SMTPUserI D=</al>
<pre>#<al as="" i="">. SMTPUserPassword=</al></pre>
<pre>#<al as="" i="">. SMTPUserI D_encrypted=</al></pre>
<pre>#<al as="" i="">. SMTPUserPassword_encrypted=</al></pre>
# <al as="" i="">. Enabl eSSL=fal se</al>
<pre>#<al as="" i="">. SendRetryCount=</al></pre>
<pre>#<alias>. SendRetryPeriodTime=</alias></pre>
# <al as="" i="">. Prefi xSubj ectMessage=</al>

#### mail.properties

active	
fromSend	

toSend	
SMTPServer	SMTP URL .
SMTPServerPort	SMTP .
SMTPUserID	SMTP ID .
SMTPUserPassword	SMTP ID .
SMTPUserID_encrypted	SMTP ID .
SMTPUserPassword_enc rypted	SMTP .
EnableSSL	SSL . : jre1.4.2_12
SendRetryCount	
SendRetryPeriodTime	. ( : )
PrefixSubjectMessage	

#### mail.properties

- ozmail.active=true ozmail.fromSend=oz@forcs.com ozmail.toSend= ozmail.SMTPServer=mail.forcs.com ozmail.SMTPServerPort=25 ozmail.SMTPUserID=UserID ozmail.SMTPUserPassword=UserPassword #ozmail.SMTPUserID\_encrypted= #ozmail.SMTPUserPassword\_encrypted= #ozmail.EnableSSL=false #ozmail.SendRetryCount= #ozmail.PrefixSubjectMessage=
- SSL
  - ozmail.active=true ozmail.fromSend=oz@forcs.com ozmail.toSend= ozmail.SMTPServer=smtp.gmail.com ozmail.SMTPServerPort=465

ozmail.SMTPUserID=oz@forcs.com

ozmail.SMTPUserPassword=UserPassword

#ozmail.SMTPUserID\_encrypted=

#ozmail.SMTPUserPassword\_encrypted=

ozmail.EnableSSL=true

#ozmail.SendRetryCount=1

#ozmail.SendRetryPeriodTime=30

#ozmail.PrefixSubjectMessage=[0Z]

## monitor.properties

{OZ\_HOME}\conf\monitor.properties

#### monitor.properties



#### monitor.properties

Active	
File	

MaxBackupIndex	Backup 가		. Backup 가
MaxFileSize			
ImmediateFlush			
TimePattern	dd HH:mm:ss.fff)	. (	: уууу-ММ-

CSV

#### MARK/THR\_NAME/TIME/F\_MEM/T\_MEM/S\_CODE/S\_STATUS/S\_PARAMS/C\_IP/DB\_SS/E\_TIME

MARK		,	"start",
	"end"가		
THR_NAME			
TIME		ı	monitor.properties
	"TimePattern"		
F_MEM	가	. ( : MB)	
T_MEM	JVM	. ( : MB)	
			п
S_CODE	н		
		, "9001",	"9002"가
S_STATUS			
S_PARAMS			
C_IP		IP .	
DB_SS	DBMS ID		
			monitor.properties
	"TimePattern"		

- sessionQuery

session	ID	가	DB	db.properties
---------	----	---	----	---------------

#### OZ Enterprise Server Administrator's Guide (for .Net)

<alias>.sessionQuery ID ... session ID7 sessionQuery = "[DB Query]" <infomix> SELECT DBI NFO(\"sessionid\") FROM SysTables WHERE Tabl D = 1 <mssql> select @@spid <oracle> SELECT sid FROM V\$SESSION WHERE audsid = userenv('sessionid') <sybase> select @@spid

#### 가

// Repository CREATE USER = 100; DELETE USER = 101; CHECK USER PWD = 102;UPDATE USER PWD = 103; DISABLE USER LOGIN = 104; ENABLE USER LOGIN = 105; I SENABLE USER LOGIN = 106; UPDATE USER DESCRIPTION = 107; GET USER DESCRIPTION = 108; GET GROUPID USER = 109; GET USERID NAME = 110; UPDATE GROUPID USER = 111; GET USER LIST = 112; CREATE GROUP = 113; DELETE GROUP = 114;UPDATE USER GROUPADMIN = 115; IS USER GROUPADMIN = 116; UPDATE UPPER GROUPID = 117; GET USER LIST GROUP = 118; GET GROUP LIST GROUP = 119; CREATE ITEM = 120; DELETE ITEM = 121; GET ITEM = 122;

GET CATEGORYID ITEM = 123; GET GROUPID ITEM = 124; UPDATE CATEGORYID ITEM = 125; UPDATE GROUPID ITEM = 126; GET ITEM LIST = 127; CREATE CATEGORY = 128;DELETE CATEGORY = 129; UPDATE UPPER CATEGORYID = 130: GET ITEM LIST CATEGORY = 131; GET CATEGORY LIST CATEGORY = 132; UPDATE ITEM USER AUTH = 133; UPDATE ITEM GROUP AUTH = 134; GET USER AUTH ITEM = 135 ; GET GROU AUTH ITEM = 136; GET ITEM LIST AUTH USER = 137: GET ITEM LIST AUTH GROUP = 138; GET USER LIST AUTH ITEM = 139; GET GROUP LIST AUTH ITEM = 140; GET I TEMI D = 141; GET I TEM DATAI NFO = 142; UPDATE USERNAME =143; UPDATE GROUPNAME = 144; UPDATE I TEMNAME = 145; GET ITEMPATH = 146; GET DIRECTITEM = 147; UPDATE CATEGORY USERAUTH = 148;UPDATE CATEGORY GROUPAUTH =149; GET USERAUTH CATEGORY = 150; GET GROUPAUTH CATEGORY = 151; GET CATEGORYLIST USERAUTH = 152; GET CATEGORYLIST GROUPAUTH = 153; GET USERLI STAUTH CATEGORY = 154; GET GROUPLI STAUTH CATEGORY = 155; UPDATE LOGINDEFAULT = 156; UPDATE CATEGORYNAME = 157; CREATE I TEMI NDEX = 158; DELETE I TEMI NDEX = 159; GET I TEMI NDEX LIST = 160; FINDE ITEM ITEMINDEX = 161; UPDATE ITEM FILE = 162; CHECK OUT ITEM = 163; CHECK IN ITEM = 164;

ROLLBACK ITEM = 165; UNDO CHECK OUT ITEM = 166;GET ITEM BYVERSION = 167; GET HI STORY LIST = 168; CLEAR HISTORY = 169; CHECK OUT USER = 170;GET CATEGORYINFO = 171; GET I TEMI NFO = 172; GET USERNAME BYID = 173; HAS SPECIFIC ITEM = 174; GET ITEMCOUNT IN CATEGORY = 175; LOGIN TO SERVER = 176; LOGIN TO SERVER FROM SCHEDULER = 177; GET ODI LIST = 178; GET CATEGORYID = 179; GET I TEMI D WI TH PATH = 180; UPDATE DIRECT ITEM FILE = 181; GET USERINFO = 182; UPDATE ITEM DESCRIPTION = 183; GET GROUPINFO = 184; CREATE CATEGORY WITH PATH = 185; CREATE ITEM WITH NAME = 186;GET DIRECT ITEMS = 187; LOGIN USER = 188;LOGOUT USER= 189; I SLOGI N USER = 190; GET I TEMLI ST WITH PERMI SSI ON USER = 191; GET CATEGORYLIST WITH PERMISSION USER = 192; GET I TEMLI ST WI TH PERMI SSI ON GROUP = 193; GET CATEGORYLIST WITH PERMISSION GROUP = 194; GET CATEGORYLIST OVER VIEW IN ROOT = 195; GET DIRECT ITEM COMPRESSED = 196; GET ITEM LIST CATEGORY NAME = 197; GET I TEMLI ST WI TH PERMISSION USER CNAME = 198; GET ITEMLIST WITH PERMISSION GROUP CNAME = 199; // Datamodule GET DATAMODULE = 380; GET DEFAULT PARAMETER = 381; GET USDM = 382; GET APPLICATION DM = 383;

```
// Connection Pool API
     GET POOL INFO = 400;
     GET POOL STATUS LIST = 401;
     GET POOL INFO LIST = 402;
     ADD POOL = 403;
     REMOVE POOL = 404;
     SAVE = 405 ;
// Log
           API
     GET CONFIG = 406;
     CONFIGURE PROPERTY = 407;
     CONFIGURE STRING = 408 ;
     GET FILE APPENDER FILE = 409 ;
     SET PRIORITY = 410 ;
// Server Info
                   API
     GET VERSIONS = 411;
     GARBAGE COLLECT = 412;
     GET MEMORYINFO = 413;
     GET HANDLER COUNT = 414;
     GET MEMORY STATUS = 415;
     GET CUMULATED COUNT = 416;
     GET CUMULATED TIMER = 417;
     GET DYNAMIC INFOMATION = 418;
     DOWN MONITOR LOG = 419;
// Cache
             API
     GET CACHE CONFIG = 420;
     SET CACHE CONFIG = 421;
     LOGAGENT TEST = 422;
     GET REALTIME LOG = 423;
     GET REALTIME MONITOR LOG = 424;
     DELETE CACHE DATA = 1100;
// STOP
     SERVER STOP = 500;
     SERVER RESTART = 501;
// Application DataModule
     GET DATAMODULE APP = 520;
// Schedul er
                 API
     GET SCHEDULED RESULT LIST = 600 ;
     REMOVE SCHEDULED RESULT = 601 ;
```

```
REMOVE SCHEDULED RESULT LIST = 602 ;
SET USDM = 603;
// Repository API
GET REPOSITORY CONFIG = 700;
SET REPOSITORY CONFIG = 701;
RELOAD REPOSITORY = 702;
// DM Version 7
GET DM VERSION = 800;
// USL 7
GET USL = 900;
USE USL = 901;
```

### ozserver.properties

{OZ\_HOME}\ozserver.properties

가

#### ozserver.properties

#-----# Main configuration of ozserver #-----

path.oz.server.home=

server.port=8003

path.license.file=%0Z\_HOME%/license/ozlicense.xml path.log.properties.file=%0Z\_HOME%/conf/log.properties path. securi typolicy. properties. file=%0Z\_HOME%/conf/spmgr. properties path. connpool. properties. file=%0Z\_HOME%/conf/db. properties path.cache.properties.file=%0Z\_HOME%/conf/cachemngr.properties path. moni tor. properti es. file=%0Z\_HOME%/conf/moni tor. properti es path. repository. properties. file=%0Z\_HOME%/conf/repository. properties path.usl.properties.file=%0Z\_HOME%/conf/uslmngr.properties path. schedul e. properti es. file=%0Z\_HOME%/conf/srmngr. properti es path. sapclient. properties. file=%0Z\_HOME%/conf/sap. properties path. databi nd. properti es. file=%0Z\_HOME%/conf/databi nd. properti es path. assembl y. properti es. file=%0Z\_HOME%/conf/assembl y. properti es path. ozservi ce. properti es. file=%0Z\_HOME%/conf/ozservi ce. properti es path.ozdbconfig.properties.file=%0Z\_HOME%/conf/dbconfig.xml path.ozudl.properties.file=%0Z\_HOME%/conf/ozudl.properties path. datasource. properti es. file=%0Z\_HOME%/conf/datasource. properti es

path.mail.properties.file=%0Z\_HOME%/conf/mail.properties

: %OZ_HOME%		
%OZ_HOME%	가	
ozserver.properties	path.oz.server.home	가

#### ozserver.properties

path.oz.server.home	· · · · · · · · · · · · · · · · · · ·
Server.port	. ( : 8003)
path.license.file	ozlicense.xml .
path.log.properties.file	log.properties .
path.securitypolicy.properties.file	spmgr.properties .
path.connpool.properties.file	db.properties .
path.cache.properties.file	cachemngr.properties .
path.monitor.properties.file	monitor.properties .
path.repository.properties.file	repository.properties .
path.usl.properties.file	usImngr.properties .
path.schedule.properties.file	srmngr.properties .
path.sapclient.properties.file	sap.properties .
path.databind.properties.file	databind.properties .
path.clientinfo.properties.file	clientlist.xml .
path.assembly.properties.file	assembly.properties .
path.ozservice.properties.file	ozservice.properties .
path.ozdbconfig.properties.file	dbconfig.xml .
path.ozudl.properties.file	ozudl.properties .
path.datasource.properties.file	datasource.properties .
path.mail.properties.file	mail.properties .

## ozservice.properties

{OZ\_HOME}\conf\ozservice.propeties

- Post - SOAP DataModule - Post - SOAP DataAction - Get wsdl : "

#### ozservice.properties

#----# Main configuration of ozservice
#----enable\_ozserver=true

enabl e\_webservi ce=true

#### ozservice.properties

enable_ozserver		. ( : true)
enable_webservice	. (	: true)

## ozudl.properties

{OZ\_HOME}\conf\ozudl.propeties

: ozudl.properties "OZ\_USER\_DEFINED\_LOG.Active" "false" .

#### ozservice.properties

#-----# configuraion of OZ User Defined Log #-----

OZ\_USER\_DEFINED\_LOG. Active=false #OZ\_USER\_DEFINED\_LOG. Class=

OZ\_UDL\_MONI TOR. Active=false #OZ\_UDL\_MONI TOR. Class=

#### ozservice.properties

OZ_USER_DEFINED_LOG.Active	"true" , "false" : RDB RDB (UDS , Http ) 7	
OZ_USER_DEFINED_LOG.Class	"OZ_USER_DEFINED_LOG.Active=true"	
OZ_UDL_MONITOR.Active	"true" , "false"	
OZ_UDL_MONITOR.Class	"OZ_UDL_MONITOR.Active=true"	

## repository.properties

{OZ\_HOME}\conf\repository.propeties

#### repository.properties

```
###
### Repository Properties
### Last Modified : Wed Oct 15 13: 29: 05 KST 2003
###
# RDB, BUILTIN, NONE
REPOSITORY_TYPE = RDB
```

```
# DB alias in /conf/db.properties to use repository
# note: ignored if REPOSITORY_TYPE is BUILTIN
REPOSITORY_DB_ALIAS = mssql_test
```

```
REPOSITORY_FILE_PATH = %0Z_HOME%/repository_files/
REPOSITORY_QUERY_MAXBACKUPINDEX = 5
REPOSITORY_QUERY_MAXFILESIZE = 1MB
REPOSITORY_QUERY_IMMEDIATEFLUSH = true
```

```
#BackUp History for None Type
REPOSI TORY_NONE_BACKUP=false
REPOSI TORY_NONE_BACKUP_PATH=%0Z_HOME%/reposi tory_files_bak/
REPOSI TORY_NONE_BACKUP_I TEM_COUNT=10
REPOSI TORY_NONE_BACKUP_I TEM_VALI DDAYS=0
```

```
#Item file save number per a directory
#Default value is 500
```

```
#The value must be lager than 0
REPOSITORY_ITEM_NUMBER_PER_DIRECTORY = 500
#History item's valid days ( The history item over the value of day is deleted, when
check in the item )
#Default value is 30
#The 0 value is disable.
REPOSITORY_HISTORY_ITEM_VALID_DAYS = 10
#Temp Directory
```

```
REPOSITORY_TEMP_DIRECTORY=%0Z_HOME%/temp
```

```
#Get Repository Items (Get Method)
#REPOSITORY_ACCESS_BY_HTTP_GET=false
#REPOSITORY_HTTP_GET_CHECK_SESSION=falseREPOSITORY_QUERY_MAXBACKUPINDEX = 5
```

#### repository.properties

	RDB	가 DB		
ТҮРЕ	BUILTIN	(Hypersonic SQL DB	)	DB
	NONE			
FILE_PATH				
REPOSITORY_NONE_BACK UP	None			
REPOSITORY_NONE_BACK UP_PATH	None			
REPOSITORY_NONE_BACK UP_ITEM_COUNT	None			
REPOSITORY_NONE_BACK UP_ITEM_VALIDDAYS	None .			
ITEM_NUMBER_PER_DIREC TORY				
HISTORY_ITEM_VALID_DA YS				

QUERY_MAXBACKUPINDEX	BUILTIN DB		
QUERY_MAXFILESIZE	BUILTIN DB		
QUERY_IMMEDIATEFLUSH	BUILTIN DB		
DB_ALIAS	db.properties Repository	Alias가	DB
REPOSITORY_TEMP_DIREC TORY	(*.czo,	*.obj_stream.zip)	
REPOSITORY_ACCESS_BY_	Get	가	
HTTP_GET			
	Get	가	
REPUSITORY_HTTP_GET_C		t	
HECK_SESSION	:	true HTTP	가 .

#### REPOSITORY\_TYPE 'NONE'

- 가, 'admin' 'guest' .
- Check-In Check-Out ,
   Roll-back .
- OS가 Windows

#### REPOSITORY\_TYPE 'RDB'

•	db.properties	'vender=User'		RDB	
		. User			
•	RDB가 MS-SQL	, MS-SQL	(	)	

.

## sap.properties

#### {OZ\_HOME}\conf\sap.propeties



### sap.properties

### ### Configuraion of SAP Connection Manager ###		
# <al as="" i="">. proxy=</al>		
# <al as="" i="">. cl i ent=</al>		
# <al as="" i="">. user=</al>		
# <alias>.password=</alias>		
# <al as="" i="">. l anguage=</al>		
# <al as="" i="">. host=</al>		
# <al as="" i="">. sysno=</al>		
# <al as="" i="">. group=</al>		
# <al as="" i="">. i strace=fal se</al>		
# <alias>. assembly=</alias>		

■ sap.properties

<alias>.proxy</alias>	SAP Proxy .
<alias>.client</alias>	SAP .
<alias>.user</alias>	SAP .
<alias>.password</alias>	SAP .
<alias>.language</alias>	SAP .
<alias>.host</alias>	SAP .
<alias>.sysno</alias>	SAP .
<alias>.group</alias>	
<alias>.istrace</alias>	SAP Trace .
	SAP .
<alias>.assembly</alias>	: assembly.properties alias .

:

: "<alias>.user", "<alias>.password"

{OZ\_HOME}\bin\OZEncryptor.exe 'OZ Encryptor' 가 .

👷 OZ Encryptor		_ 🗆 ×
	Encrypt	Exit
ex) alias,key=value		li.

'OZ Encryptor'

"<alias\_name>.<property\_name> =

<pre>cnronerty</pre>	value>"
$\sim property_{}$	_value>

[Encrypt]

👷 OZ Encryptor	<u>_                                    </u>
sap1,user = user1	
Encrypt	Exit
Encrypted string is copied into the clip	oboard, //

_	
)	F.
-	

### ) sap\_ alias\_name = sap1

👷 OZ Encryptor	4
sap1,user = user1	
Encrypt	
Encrypted string is copied into the clipboard,	//
	_

┛ 제목 🏻	t음 - 메모	장		_ 0	×
파일( <u>F</u> )	편집( <u>E</u> )	서식( <u>0</u> )	도움말( <u>H</u> )		
sap1.us	er _encry	pted=Sc	PdRcRgFgE	eKbDbEaKbKf	
					-

) sap\_ alias\_name = sap1

였 OZ Encryptor	- D ×
sap1,password = password123	
Encrypt	Exit
Encrypted string is copied into the clipb	oard, 🏿 🍂

🌌 제목 없	(음 - 메모 <sup>:</sup>	장		
파일( <u>F</u> )	편집( <u>E</u> )	서식( <u>0</u> )	도움말( <u>H</u> )	
sap1.pa: _encrypt	ssword ed=ScPc	lRcRgFgE	eFbFaKbJbEbLaN	√bQaOfMfSf

### spmgr.properties

{OZ\_HOME}\conf\spmgr.propeties

#### spmgr.properties

# Secure Level [ high / middle / low ]

# default : low

# default : middle
show\_browser\_secure\_level=low

client\_message\_secure\_level = low user.multilogin= true #user.sessionTimeout = 10 allow\_service\_qd=false enable\_service\_repository=false allow\_service\_em=false allow\_service\_rm=false allow\_service\_av=false allow\_service\_api=false allow\_service\_sh=false allow\_service\_ps=false

#### spmgr.properties

multilogin	

sesionTimout		:	(user.mult	ilogin	'false	')
			가	•		
	high				ı	
client_message_secu re_level	middle	, ,		Exc	eption	Name
	low	. (	)			1
show_browser_secur e_level	•	spmgr.prope show_brows clier	rties er_secure_leve nt_message_se	l cure_le	evel	
	high					
	middle				. (	)
	low					
		ODI		가		
allow_service_qd		:			가	
enable_service_repo sitory						
allow_service_em	Enterpri	se Manager	가			
allow_service_rm	Reposito	ory Manager	7	ł		
allow_service_rv		OZR	7	ŀ		
allow_service_av		OZA	7	ŀ		
allow_service_api	API		가			
allow_service_sh	Schedul	er	가			
allow_service_ps	Push Se	rver	가			

- : enable\_service\_repository

.

•	enable_	_service_	_repository	/=true
---	---------	-----------	-------------	--------

		가	가
allow service ad	true	0	Ο
allow_service_qd	false	0	Х
allow_service_rv	true	0	0
	false	0	Х
	true	0	0
	false	0	Х

allow\_service\_qd, allow\_service\_rv, allow\_service\_av false

- , enable\_service\_repository true
- 가 .

#### enable\_service\_repository=false

		가	가
allow_service_qd	true	Х	Х
	false	Х	Х
allow_service_rv	true	Х	Х
	false	Х	Х
allow_service_av	true	Х	Х
	false	Х	Х

enable\_service\_repositoryfalse, allow\_service\_qd,allow\_service\_rv, allow\_service\_avtrue

가

## srmngr.properties

{OZ\_HOME}\conf\srmngr.propeties

SDM

#### srmngr.properties

# default : false
use\_scheduled\_data=true

# The path that scheduled data modules are stored.
# default : %OZ\_HOME%/scheduled\_data

datamodule\_path=%0Z\_HOME%/scheduled\_data

#### srmngr.properties

	SDM	SDM
use_scheduled_data	'true" SDM SDM "BATCH" "CONCURRENT"	"datamodule_path" . , "Fetch Type" , "Fecth Type"
datamodule_path	SDM	

SDM

## uslmngr.properties

{OZ\_HOME}\conf\usImngr.properties

User Security Logic

.

uslmngr.properties

```
# oz USL configuration
#
#
# set whether use user security logic or not globaly
#
UseUserSecurityLogicVer30 = true
```

OZDefaul t\_SERVER=oz.usl.OZUSLServerSample OZDefaul t\_CLIENT=oz.usl.OZUSLCIientSample

#### uslmngr.properties

UseUSerSecurityLogicVer30	User Security Logic .
OZDefault_SERVER	USL .
OZDefault_CLIENT	USL .

.

: User Security Logic



#### DataAction

- Post –	SOAP	DataModule		
- Post –	SOAP	DataAction		
- Get		wsdl		
	HttpRequ	est "SOAPAc	tion"	
HttpRequest	"SOAPAction"	가	가 .	
URL "	?wsdl"	"GET"	Response	wsdl
	URL "POST"	SOAP		
- GET				
http://	localhost/oz50/serv	ver/ODISERVICE?ws	dl	
- POST	SOAP			
http://	localhost/oz50/serv	ver/ODISERVICE		

•	ozservice.properties	"enable_webservice"
"true" .		
#		
# Main configuration of ozs	ervi ce	
#		
enable_ozserver=true		
enabl e_webservi ce=true		
#		
•		

license

·

:	가			
	"TRUE"			
USE-WE	BSERVI CE="TRUE	I		

가

#### OZIISPage

Preprocess public void Preprocess(System. Web. HttpRequest request, Prototype OZAttribute[] attr) throws OZWebServiceException oz.server.OZIISPage Preprocess Overwrite SOAP Header 가 . Preprocess Definition SOAP Fault 가 Exception , . request Argument SOAP Header attr **OZAttribute** Exception OZWebServi ceExcepti on

#### OZAttribute

- getName

Prototype	public String	g getName(	)		
Definition	OZAttribute	가	•		

- getValue

Prototype	public Strin	g getVa	lue()		
Definition	OZAttribute	가	•		

#### ODIService

- requestDAC2

Prototype	requestDAC2(	(data)		
	DataAction		가	
Definition	:			
		" <fauli>"</fauli>		•
Argument	data	DataAction		

	ODI	DataAction
가		

۶	"ozservice.properties"
	#
	# Main configuration of ozservice
	#
	enable_ozserver=true
	enable_webservice=true

▶ "USE-WEBSERVICE" "TRUE" 가 license .

۶	ODIService	URL		ODIService		
	wsdl		(	URL	"	
	http://127.0.0.1/id308/serv	er.aspx",	ODIService	URL		
	http://127.0.0.1/id308/server.aspx/ODIService?wsdl ".)					
http://127.0.0.1/id308/server,aspx/ODIService?vsdl - Microsoft Internet Explorer	×					
---	----					
파일(1) 편집(1) 보기(1) 물거찾기(4) 도구(1) 도움말(1) 👘 -	1					
수위로						
주소(D) (a) http://127.0.0.1/id308/server.aspx/ODIService?wsd) 인쇄 · 2014	5					
	*					
xml version="1.0" encoding="UTF-8" ?	_					
- <wsdl:definitions <="" p="" targetnamespace="http://ws.forcs.com"></wsdl:definitions>						
xmlns:impl="http://ws.forcs.com" xmlns:intf="http://ws.forcs.com"						
xmins.usi = "http://meta.ws.forcs.com ymps.usdi = "http://schemas.ympsoap.org/wsdl/"						
xmlns:wsdlsoap="http://schemas.xmlsoap.org/wsdl/soap/" xmlns:wsl="http://ws-						
i.org/profiles/basic/1.1/xsd						
xmlns:xsd="http://www.w3.org/2001/XMLSchema">						
H wsuitypes> + < w						
* <wsdimessage name="DataModuleReguest"></wsdimessage>						
+ <wsdi:message.name="datamoduleresponse"></wsdi:message.name="datamoduleresponse">						
+ <wsdl:message name="DACRequest"></wsdl:message>						
+ <wsdl:message name="DACResponse"></wsdl:message>						
+ <wsd::message name="DAC2Request"></wsd::message>						
+ <wsd!:message name="DAC2Response"></wsd!:message>						
+ <wsdi:porti name="ODIservice" ype=""></wsdi:porti>						
+ <wsditionang appinging"="" implicities="" name="ODServiceServices/appinging type="> + <wsditionang appinging"="" implicities="" name="ODServiceServices/appinging type="> + <wsditionang appinging"="" implicities="" name="ODServiceServices/appinging type="> + <wsditionang type="implicities/appinging"> + &lt;<wsdities appinging="" appinginging="" appingingingingingingingingingingingingingi<="" td=""><td></td></wsdities></wsditionang></wsditionang></wsditionang></wsditionang>						
	1					
<u>ම</u>	11					

: 가 ODIService wsdl XML .

"OZAxisDataAction2Client.java"

package sample; import java.io.ByteArrayOutputStream; import java.io.FileInputStream; import javax.xml.rpc.ServiceException; import javax.xml.rpc.Stub; import sun.misc.BASE64Encoder; import com.forcs.ws.ODIService; import com.forcs.ws.ODIServiceServiceLocator; import com.forcs.ws.meta.Const\_DAC; import com.forcs.ws.meta.Const\_FIELD; import com.forcs.ws.meta.Otst\_FIELD; import com.forcs.ws.meta.Otst\_FIELD; import com.forcs.ws.meta.OZData; import com.forcs.ws.meta.OZDataSet; import com.forcs.ws.meta.Param; import com.forcs.ws.meta.Record;

≻

```
public class OZAxisDataAction2Client {
        publ i c
                    static
                                fi nal
                                           String
                                                        _END_POI NT_ADDRESS
"http://127.0.0.1/oz50/server.aspx/ODI Service";
        public static void main(String[] args) {
                System.out.println("Endpoint address = " + _END_POINT_ADDRESS);
                try {
                         ODI Service stub = (ODI Service)createProxy();
                         OZData data = new OZData();
                         data.setODI NAME("DACTest.odi");
                         data.setCATEGORY("/REQ/258/");
                         DataActionInfo[] info = new DataActionInfo[1];
                         info[0] = new DataActionInfo();
                         info[0].setSETNAME("DataSet");
                         info[0].setTYPE(Const_DAC.Insert);
                         Param[] sources = new Param[7];
                         sources[0] = new Param();
                         sources[0].setNAME("name");
                         sources[0].setTYPE(Const_FIELD.VARCHAR);
                         sources[0].setVALUE("Sample1");
                         sources[1] = new Param();
                         sources[1].setNAME("address");
                         sources[1].setTYPE(Const_FIELD.VARCHAR);
                         sources[1].setVALUE("Sample1");
                         sources[2] = new Param();
                         sources[2].setNAME("birthday");
                         sources[2].setTYPE(Const_FIELD.DATE);
                         sources[2].setVALUE("1980-09-02");
                         sources[3] = new Param();
                         sources[3].setNAME("job");
                         sources[3].setTYPE(Const_FIELD.VARCHAR);
                         sources[3].setVALUE("Sample1");
                         sources[4] = new Param();
                         sources[4].setNAME("age");
                         sources[4].setTYPE(Const_FIELD.INTEGER);
                         sources[4].setVALUE("1001");
```

```
sources[5] = new Param();
                         sources[5].setNAME("picture");
                         sources[5].setTYPE(Const_FIELD.BINARY);
                         FileInputStream fis = new FileInputStream("me.jpg");
                         ByteArrayOutputStream
                                                                               new
                                                       baos
                                                                     =
ByteArrayOutputStream();
                         byte[] buffer = new byte[2048];
                         int len =0;
                         while((len=fis.read(buffer)) != -1) {
                                  baos.write(buffer, 0 , len);
                         }
                         BASE64Encoder encoder = new BASE64Encoder();
        sources[5].setVALUE(encoder.encode(baos.toByteArray()));
                         fis.close();
                         baos.close();
                         sources[6] = new Param();
                         sources[6].setNAME("picture_path");
                         sources[6].setTYPE(Const_FIELD.VARCHAR);
                         sources[6].setVALUE("Image1.jpg");
                         info[0].setSOURCE(sources);
                         data.set0ZDATAACTIONS(info);
                         //DataAction
                         OZData result = (OZData)stub.requestDAC2(data);
                         OZDataSet[] datas = result.get0ZDATARESULT();
                         for(int i=0 ; i < datas.length ; i++) {</pre>
                                  Record[] record = datas[i].getRECORDS();
                                  for(int j=0 ; j < record.length ; j++) {</pre>
                                          String[] cols = record[j].getCOLS();
                                          for(int k=0 ; k < cols.length ; k++) {
                                                   if(cols[k].length() >100) {
                                                           continue;
                                                   }
                                                   System.out.println(cols[k]);
                                          }
                                          System.out.println();
```



#### OZAxisDataAction2Client.java Eclipse

Java - OZAvisDataAction2Clevit Java - ExSpse SDK	and the second		-101
Elle Edit Source Retactor Navigate Search Brolev	ct Dnu Rugan Data	and the second se	
··· =   ◊ · ◊ · ◊ ·   ∅ ⊞ @ •   ७	Ne 11 🚛 💷 1922 🖓 🔹 🖓 🕈 🖉 Ne 1	13 &/Jes	
1 07AviisDataAction2Client	InClient.java @ OZAvisDataModuleClient.java		· · · /7
package sampl Bus Ar	I Java Application Al+Shit+XCJ		-
*taport java.1 Organize Fagories	J 2 JUnit Plug-in Test At-Shitt-X, P Jy 3 JUnit Test At-Shitt-X, T		
<pre>"public class OfAxiDoScaleTionCollect 1     public static final String _END_FO     //public static void schiftring[] END     public static void schiftring[] End         System.odf.prinln("Endpoint s         try (</pre>	<pre>&gt;&gt; SWT Application /APCSINK, 0 &gt;&gt;&gt; Application /APCSINK, 0 POINT_ADDRESS = reception POINT_ADDRESS = reception (diress = r + _END_FOINT_ADDRESS); itel:czest#Press(); ; ; ; ; ; ; ; ; ; ; ; ; ;</pre>	seever40/aever/0015ervice*; 108/aerver.weps/0015ervice*;	
<pre>PataActionInfo[] info = net isfo[0] = net DataActionIn info[0].setETHAME("DataData info[0].setITFE(Const_DAt. Patas[] sources = net Pata sources[0] = net Patas(); sources[0] = net Patas(); sources[0] = net Patas();</pre>	<pre>w DataActionInfo[1]: to(): to): fasect): m[7]: tELD, VARCHAR;;</pre>		-1
			5
	Wittable Simatisser III		

DataAction

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Java - OZAsisDataActon2Client3ava - Eclipte 2		للالقلم
Die Ton Bonce unwin Banden gelten	• Party for Bank Bank	E Qfam
Pactage Erstern P. Hierarchy **	(1) OZAvisDataAction2() OZAvisDataAction5**	··· 0 2 011 ··· 0
SOAPCiere     Soapcie     Soapcie	Problems / Avvadoc   Declavation   @ Connote 11 Commission Olivers + http://127.0.0.1/10308/server.esp 개요도 1992 1990-09-02100100100 회사원 20 me.299 20192 21800-09-02100100100 회사원 28 1990-09-02100100:00 참사원 28 1990-09-02100100:00 참사원 28 1990-09-02100100:00 참사원 20 me.299 참고용 1990-09-02100100:00 참사원 20 Me.299	and Jacobin 15.0 Children and a second



## USER, SAP user ... bin "OZEncryptor.exe" ... \*OZEncryptor.exe" <ali as\_name>. <property\_name> = <property\_val ue> [Encrypt]

🚆 OZ Encryptor		
sap1,user = user1		
	Encrypt	Exit
ex) alias,key=value		1.

- sap\_alias\_name = sap1

>

<

>	
👷 OZ Encryptor	<u> </u>
sap1,user = user1	
Encrypt	Exit
Encrypted string is copied into the c	lipboard, //
	> Sap1.user = user1 Encrypt Encrypted string is copied into the c



- sap\_alias\_name = sap1

>

>	
였 OZ Encryptor	
sap1,password = password123	
Encrypt	Exit
Encrypted string is copied into the clip	board, //

<

🌌 제목 없	음 - 메모	장			x
파일( <u>F</u> )	편집( <u>E</u> )	서식( <u>0</u> )	도움말( <u>H</u> )		
sap1.pa: _encrypt	ssword æd=ScPc	lRcRgFgE	eFbFaKbJbl	EbLaNbQaOfMfSf	▲ ▼



### ■ BuiltinToRDBConvert.exe

👷 Builtin ToRDBConvert		
-Built-in Repository To RDB	3 Repository Data Transfer	
Built-in Path :	l	
Assembly Config Path :		
Driver Name :	<u></u>	
URL :		
Date Field Type Name :	DATE	
	Convert	se
Ready		×

Builti-in Path			
Assombly Config Path	가	conf	
Assembly coning ratin	assembly.properties		

Driver Name	RDB	ADO .NET	
URL	RDB	ADO .NET	URL
	RDB ex)	DBMS	Date
DATE Field Type Name	- MSSQL : DATETIME		
	- ORACLE : DATE		
	- DB2 : TIMESTAMP		
	- SYBASE : DATETIME		

- , , , / RDB
- ➢ 가 bin BuiltinToRDBConvert.exe

   "BuiltinToRDBConvert
   " RDB

   . (
   가

   "C:\repository\_files",
   RDB

   .)
   .)

였 Builtin ToRDBConvert	
Built-in Repository To RDI	3 Repository Data Transfer
Built-in Path:	C:\#repository_files
Assembly Config Path :	Server, NET 5,0\conf\assembly, properties
Driver Name :	System, Data, SqlClient, SqlConnection
URL:	Network Library=DBMSSOCN;Data Source=2
Date Field Type Name :	DATE
	Convert Close
Ready	
1	<b>v</b>

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[Conve	-t]	RDB		
F	RDB			
.)				
🚆 Builtin ToRDBConve	t			
-Built-in Repository To R	)B Repository Data T	ransfer ———		
Built-in Path:	C:₩repository_file	s		
Assembly Config Path :	Server,NET 5,0₩	conf₩assembly,	properties	
Driver Name :	System, Data, SqlC	lient, SqlConnect	ion	
URL:	Network Library=D	BMSSOCN;Data	Source=2	
Date Field Type Name :	DATETIME			
	Conver		lose	
table=oz_group data tran	ser ok,			
table=oz_user data trans	er ok,			
table=oz_perm_item data	transer ok,			
table=oz_perm_category	data transer ok,			
table=oz_perm_user data	i transer ok,			
table=oz_perm_group da	ta transer ok,			
DUNKS STATISTICS TO DOD	renositoru convertio	L .		



-		·	가		가	
	Builti-	in Path				
		DB		가		
	DB					

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# Appendix1. • Windows 2000 Server • Windows 2003 Server • Windows 2003 Server • Windows 2008 Server

Windows 2000 Server

### **ASP.NET**

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ASP.NET IIS ASP.NET . .NET Framework

C:#WINNT#Microsoft.NET#Framework#v1.1.4322>aspnet\_regiis.exe -i Start installing ASP.NET (1.1.4322.0). Finished installing ASP.NET (1.1.4322.0).



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파일(E) 동작(A)	보기(火) 도움을		▶ ■ Ⅱ		
이 인터넷 정보 서비		이름		경로	오류 -
19 인터넷 정도 서비: - 월, KGN(로컬 컴퓨 - 월 KGN(로컬 컴퓨 - 웹 사이트 - 웹 사이트 - 웹 사이트 - 웹 사이트 - 웹 - 025 - 025 - 025 - 025	류터) P 가상 서버 탐색(E) 열기(Q) 웹 페이지로 보기 시작(S) 중지(P) 일시 중지(A)	(B)	Help Help j bin ters talReportWebFormViewer2 qlDirectWebCs qlDirectWebVb qlDirectWebVb erver.NET 2LAS CIRIE (2000)	c: Wwindows Whelp Wishelp C: WWINDOWS Wweb Wtsweb C: WProgram Files WCommon Files W C: WWINDOWS Wweb Wprinters C: WProgram Files Microsoft Visual C: WProgram Files WCoreLab WhySQ C: WProgram Files WCoreLab WhySQ C: WProgram Files WCoreLab WhySQ C: WPCSErver.NET C: WO2Server.NET	지정- 지정
	모든 작업( <u>k</u> ) 보기( <u>y</u> )	) )	Server Extensions 웹 Server Extensions 관리지	Ω.	
	미름 바꾸기(M) 새로 고침(E) 목록 내보내기(L	)	auncher rver		
	속성( <u>R</u> )		erver2 Application1		
	도움말(H)		vate		

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	가상 디렉터리 만들기 마법사 🛛
	가상 다역터리 열정 상조를 빨리 할 수 있도록, 가상 다역터리에 약식 이름이나 열정을 주어야 합니다.
	웹 가상 디렉터리에 역세스하는데 사용할 별칭을 입력하십시오. 디렉터리 이름에 사용한 규칙을 사용하십시오. 별칭(A):
	Joz
	< 뒤로(B) [다음(N) >   취소
	[].
[	] %OZ_HOME%
(	"C:\Program Files\Forcs\OZ XStudio\OZ Server.NET 5.0"
	.)
	가상 디랙터리 만들기 마법사 🔀
	월 사이트 컨텐트 다격타리 월 사이트에 게시할 컨텐트의 위치를 입력하십시오.
	컨텐트가 있는 다何터리 경로를 입력하십시오.
	다역단리(Q): C:\\Program Files\\Forcs\VOZ \Studio\VOZ Server, NET 5.0 文이보기(B)
	< 뒤로(8) [다음(19) > 취소
	[]. (, , ,
	가)
	가상 디렉터리 만들기 마법사 💌
	역세스 경안 이 가상 디랙터리에 설정할 액세스 권한을 선택하십시오.
	다음 경한을 허용합니다:
	[ · 스크립트 실행 (예: ASP)(S) □ 산행 (예: ISAD 응용 프로그램 또는 CGIVE)
	P = 20 (m)
	같아보기(Q) 마법사를 완료하려면 [다음]을 누르십시오.
	< 뒤로(B) 다음(N)> 취소







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이름 Ø Administrators (SPRINGDAYS₩Administrate Ø ASP NET Machine Account (SPRINGDAYS)	o	추가( <u>D</u> ) 제거( <u>B</u> )
@ CREATOR OWNER @ Power Users (SPRINGDAYS₩Power Users @ SYSTEM N = राके((P):	) ) ਨੀਊ	거브
모든 권한 수정 읽기 및 실행 폴더 내용 보기 읽기 쓰기		
73(V) 1		
	! 저파함 스	는 있음(H)

: ASP.NET

ASP.NET

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🖷 사용자	시비 관리		
	사용자 서버 관리 Abli: FORCS-VPC	도용말 및 지원 센터 <b>경색(</b>	S) 🗾 🔁
-0-	서비에 연한 추가		도구 및 업데이트(T)
	지나에 적합을 추가하는 특징 작업을 수행할 수 있게 됩니다. 해물 물이 파일 시비 적합을 시비에서 파일을 공유하도록 합 니다. 역할을 추가하려면 [역할 추가/제기]을 클릭하여 시비 구성 마법사를 시작하십시오. 서 비 역 할 관리	2월 역할 추가/체거 2월 시비 역할 세부 정보	편리 도구 추가 도구 Windows Update 컴퓨터 및 도매인 이름 정보 Internet Explorer 보안 강화 구성
	역할을 추가한 후에, 일 단위의 관리 작업에 대한 도구 및 정 보가 필요한 경우 이 페이지를 참조하십시오.		참고 한목(E)
	() 서비에 추가된 역합이 없습니다. 역합을 추가하려면 [역합 추가/제거]을 클릭하십시오.		도용말 및 지원 Microsoft TechNet Deployment and Resource Kits 일반 관리 작업 목록 Windows 서비 카유니티 새로운 기능 전략핵 보안 지원 프로그램
	로그온할 때 이 페이지 표시하지 않음(D)		

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서비 구성 마법사	×
준비 단계 서버를 성공적으로 구성하려면 계속하기 전에 다음 단계를 완료해야 합니다.	No.
계속하기 전에, 다음 단계를 확인하십시오. 모든 모뎀 및 네트워크 카드를 설치하십시오. 필요한 모든 케이블을 연결하십시오. 이 서버를 인터넷 연결에 사용하려면 지금 인터넷에 연결하십시오. 프린터 및 외부 드라이버 등의 주변 기기를 모두 켜십시오. Windows Server 2003 설치 CD가 있거나 네트워크 설치 경로를 알고 있어야 합니다. [다음]을 클릭하면 마법사가 네트워크 연결을 검색합니다.	
< 뒤로( <u>B</u> ) 【 <b>다음(<u>N</u>)》 취소</b>	도움말

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(IIS, ASP.NET) [ ]

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서비 구성 마법사		×
서비 역할 하나 이상의 특정 역할을 수행하도록 이 서 려면 이 마법사를 다시 실행하십시오.	버를 설정할 수 있습니	다. 이 서버에 두 개 이상의 역할을 추가하
역할을 선택하십시오, 역할미 추가되어 있 을 제거할 수 있습니다. 추가 또는 제거하	지 않으면 역할을 추가 궠는 역할미 목록에 없:	할 수 있습니다. 역할이 이미 추가되어 있으면 역할 으면 <u>프로그램 추가/제거</u> 를 며십시오.
서비 역할 파일 서비 인쇄 서비 당용 프로그램 서비(NS, ASP,NET) 메일 서비(POP3, SMTP) 터미널 서비 원격 액세스 및 VPN 서비 도메인 컨트롤러(Active Directory) DNS 서비 DHCP 서비 스트리밍 미디어 서비 WINS 서비	구성됨 이나!오 이나!오 이나!오 이나!오 이나!오 이나!오 이나!오 이나!오	응용 프로그램 서버(IIS, ASP,NET) 응용 프로그램 서버는 XML 웹 서비스, 웹 응용 프로그램 및 분산 응용 프로그램 의 작성, 배포 및 작동에 필요한 핵심 기 술을 제 공합니다. 응용 프로그램 서비 기 출에는 ASP NET, COM+ 및 인터넷 정보 서비스(IIS)도 포함됩니다. 응용 프로그램 서버 세부 정보
	< 뒤로( <u>B</u> )	다음( <u>N</u> ) > 취소 도움말

"ASP.NET " [ ] .

서비 구성 마법사	×
<b>응용 프로그램 서비 옵션</b> 이 역할에는 IIS, COM+, ASP,NET 및 Microsoft ,NET Framework가 자동으로 설치됩니다.	No.
이 서버에 추가로 설치하려는 도구를 선택하십시오.	
□ FrontPage Server Extensions(E)	
FrontPage Server Extensions은 FrontPage, Visual Studio 및 웹 폴더를 사용하여 콘텐트를 게시히 는 데 사용할 수 있는 웹 서버 확장 집합입니다. 또한 이 도구를 선택하면 인덱싱 서비스를 사용할 수 있도록 설정합니다.	ŀ
ASP.NET 사용(E)	
ASP.NET은 어떤 브라우저나 장치에서도 작동할 수 있는 웹 기반의 응용 프로그램 또는 서비스를 작성하는 강력한 프로그래밍 프레임워크입니다.	
< 뒤로( <u>B</u> ) 다음( <u>N</u> ) > 취소 도움	음말 ·

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서비 구성 마법사	×
<b>선택 사항 요약</b> 선택한 옵션을 보고 확인합니다.	
요약( <u>S</u> ):	
인터넷 정보 서비스(IIS) 설치 원격 트랜잭션에 COM+ 사용 원격 액세스베 Microsoft Distributed Transaction Coordinator(DTC) 사용 원모,NET 사용	
 선택 항목을 변경하려면 [뒤로]를 클릭하십시오. 이 역할 설정을 계속하려면 [다음]을 클릭하십시오.	
< 뒤로( <u>B</u> ) [다음( <u>N</u> )>] 취소 도	움말





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파일(E) 동작(A)	보기(火) 도움을		▶ ■ Ⅱ		
이 인터넷 정보 서비		이름		경로	오류 -
19 인터넷 정도 서비: - 월, KGN(로컬 컴퓨 - 월 KGN(로컬 컴퓨 - 웹 사이트 - 웹 사이트 - 웹 사이트 - 웹 사이트 - 웹 - 025 - 025 - 025 - 025	류터) P 가상 서버 탐색(E) 열기(Q) 웹 페이지로 보기 시작(S) 중지(P) 일시 중지(A)	(B)	Help Help j bin ters talReportWebFormViewer2 qlDirectWebCs qlDirectWebVb qlDirectWebVb erver.NET 2LAS CIRIE (2000)	c: Wwindows Whelp Wishelp C: WWINDOWS Wweb Wtsweb C: WProgram Files WCommon Files W C: WWINDOWS Wweb Wprinters C: WProgram Files Microsoft Visual C: WProgram Files WCoreLab WhySQ C: WProgram Files WCoreLab WhySQ C: WProgram Files WCoreLab WhySQ C: WPCSErver.NET C: WO2Server.NET	지정- 지정
	모든 작업( <u>k</u> ) 보기( <u>y</u> )	) )	Server Extensions 웹 Server Extensions 관리지	Ω.	
	미름 바꾸기(M) 새로 고침(E) 목록 내보내기(L	)	auncher rver		
	속성( <u>R</u> )		erver2 Application1		
	도움말(H)		vate		

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	가상 디렉터리 만들기 마법사 🛛
	가상 다역터리 열정 상조를 빨리 할 수 있도록, 가상 다역터리에 약식 이름이나 열정을 주어야 합니다.
	웹 가상 디렉터리에 역세스하는데 사용할 별칭을 입력하십시오. 디렉터리 이름에 사용한 규칙을 사용하십시오. 별칭(A):
	Joz
	< 뒤로(B) [다음(N) >   취소
	[].
[	] %OZ_HOME%
(	"C:\Program Files\Forcs\OZ XStudio\OZ Server.NET 5.0"
	.)
	가상 디랙터리 만들기 마법사 🔀
	월 사이트 컨텐트 다격타리 월 사이트에 게시할 컨텐트의 위치를 입력하십시오.
	컨텐트가 있는 다何터리 경로를 입력하십시오.
	다역단리(Q): C:\\Program Files\\Forcs\VOZ \Studio\VOZ Server, NET 5.0 文이보기(B)
	< 뒤로(8) [다음(19) > 취소
	[]. (, , ,
	가)
	가상 디렉터리 만들기 마법사 💌
	역세스 경안 이 가상 디랙터리에 설정할 액세스 권한을 선택하십시오.
	다음 경한을 허용합니다:
	[ · 스크립트 실행 (예: ASP)(S) □ 산행 (예: ISAD 응용 프로그램 또는 CGIVE)
	P = 20 (m)
	같아보기(Q) 마법사를 완료하려면 [다음]을 누르십시오.
	< 뒤로(B) 다음(N)> 취소







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0I를 Ø Administrators (SPRINGDAVS₩Admin Ø ASP NET Machine Account (SPRING	nistrato	추가( <u>D</u> ) 제거( <u>B</u> )		
GICREATOR OWNER GIPower Users (SPRINGDAYS₩Power GISYSTEM MS RINF(P):	Users) ▼	거브		
모든 권한 수정 읽기 및 실행 폴더 내용 보기 읽기 쓰기	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5			
고급(맛) 7 부모로부터 상속 가능한 사용 권한을 미	개체로 전파할 4	÷ 있음(出)		

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사작하기 전 시내 역할	웹 서바(IIS)에 대해 설치할 역할 서비스를 선택하십시오. 역할 서비스(B):	설명:
내도위크 함백 및 역세스 서비스 역할 서비스 클 시비(IIS) <u>위할 서비스</u> 확진 진행률 급하	응 별 서비           별 일반 HTTP 기능           교 경력 분명초           고 기본 문서           고 기본 문서           교 디테티리 감색           HTTP 2다 HTTP 2다 UTTP 2다 UTTP 2다 HTTP 2다 Z ASP.NET           교 전 등 프로필 전 별별 교 ASP.NET           교 SSTServer Side Includes)           B 欄 성태 및 간담           고 HTTP 로깅           로깅 도구           요 성당 다니티           추택           사용자 자왕 로깅           여러요 로깅           명별 서비스纲 대한 자네한 경보	▲ 프로그램 개발은 별 등을 포 포그램을 제공합니다. 이러한 기능을 사용하여 별 관람소을 만열 신나 IIS의 기능을 확장합니다. 별 번역으로 이러한 기술을 등적 작업 을 상하는 방법을 제공하여 HTM, 클릭을 만듭니다. 그러면 IS 는 클릭을 보내며 클라이언트 유성 를 수행합니다.

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### ▶ []

FORCS Co., LTD







%OZ\_HOME%

경로: /	b Site	
별칭(A):	응용 프로그램 풀(L):	
0Z	DefaultAppPool	 선택(E).,
예: 판매		
실제 경로(P):		
C:WProgram FilesWForce	₩OZ XStudio 5,0₩OZ Serv	
C. III IOgrafii I HOO III OICC		
통과 인증		
통과 인증		
통과 인증 연결 계정(C) 실	별정 테스트(G)	
통과 인증 연결 계정(C) 4	설정 테스트(G)	

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30 🕑 🕅	-I41GHCA4JI	DG 🕨 사이트 I	Default We	eb Site 🔸 oz 🔸		😡 🖂 🕼 •
파일(E) 보기(V) 도	음말( <u>H</u> )					
연결		<b>A</b> /	=		작업	
🔍 - 🔛 🖄 🕼			놈 		<u>&gt;</u> 탐색 사용 권한	편집
🖻 🍯 WIN-I41GHCA4JD ਕੀ ਛਲ ਜਟਰਸ	G(WIN-I41 ≇		1		📄 기본 설정.	
는 📓 사이트	2	AST, HE T	(3)		가상 디렉	러리 보기
는 《 Default Web Site	NET 사용자	_NET 신뢰 수준	.NET 역할	응용 프로그램 응용 프로 @ *:80 (http)	<mark>생 관리 조</mark> - 그램 찾아보기 - 찾아보기	
	사용 권한 빈	변입			고급 설정.	
	응용 프로그 가상 디렉터	.램 추가  리 추가	JET 컴파일	,NET 프로필	③ 도움말 온라인 도	움말
÷	응용 프로그	램 관리 🔸	1	2		
	새로 고침( <u>F</u> 제거	])	공급자	세션 상태		
(E1)	콘텐츠 보기	로 전환		-im 🔟		
	+	🖃 기능 보기 💋	콘텐츠 보기	71		

> 'OZ Server.NET 5.0 ' [ ] ASP.NET 가

[ OZ Server, NET 5.	0 속성			×
일반 공유 보안	이전 버전 시	·용자 지정		
개체 이름: C:₩	/Program Files₩	Forcs₩OZ X	Studio 5,0₩OZ S	
그룹 또는 사용자 이용	≣( <u>G</u> ):			
ANETWORK SER	VICE ine Account (WIN	J-I41GHCA4JI		
Administrators (	WIN-I41GHCA4JE	)G्₩Administ	rators)	
사용 권한을 변경하려 클릭하십시오,	I면 [편집]을		편집( <u>E</u> )	
ASP,NET Machine / 권한(만)	Account의 사용	허용	거부	
모든 권한		~		
수정		~		
읽기 및 실행		~		
폴너 내용 모기		~		
읽기		~	-	
특정 권한 및 고급 설 하십시오,	정을 보려면 [고급	:]을 클릭	고급(⊻)	
액세스 제어와 사용 5	<u> 원한에 대한 정보</u>			
	확인	취소	적용( <u>A</u> )	

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