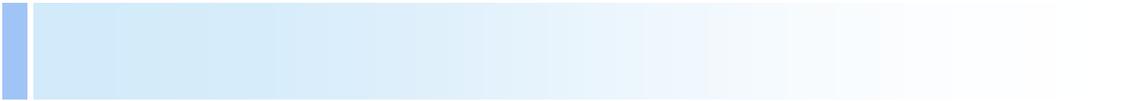


•	3
	4
	4
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	assembly.properties	24
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	databind.properties	34
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가

Getting Started	
가	
가	
Getting Started	
API	API





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

■

- one-point
-
-

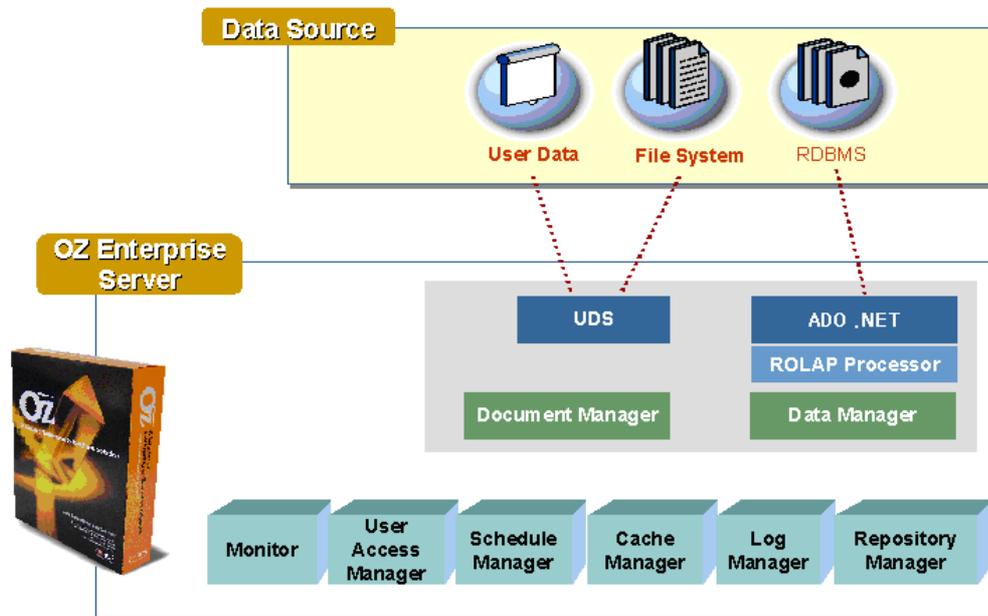
DB Pooling,

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



가 가



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 2000, 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
가

Microsoft .NET Framework 1.1

Microsoft Internet Information Server (IIS) 5.1

ASP.NET



```

( ) ozlicense.xml
License
가
가

```

ozserver.properties

```

{ } \conf\ozserver.properties path.oz.server.home
( C:\Program Files\Forcs\OZ XStudio\OZ Server.NET 3.5
.)

```

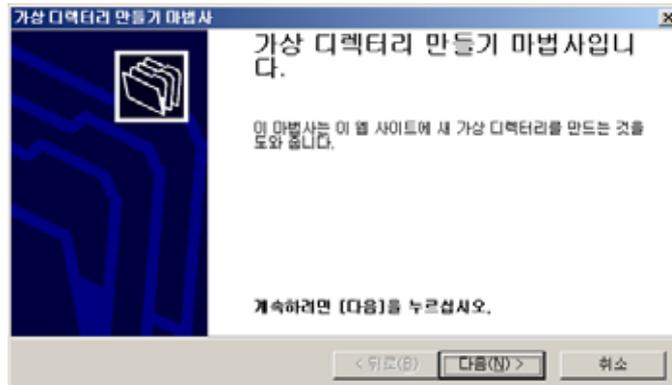
```

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

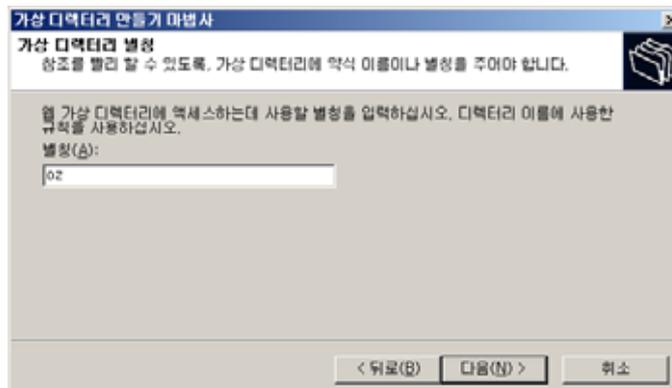
path.oz.server.home=C:\Program Files\Forcs\OZ XStudio\OZServer.NET 3.5

path.license.file=%OZ_HOME%/license/ozlicense.xml
path.log.properties.file=%OZ_HOME%/conf/log.properties
path.security.properties.file=%OZ_HOME%/conf/spmgr.properties
path.connpool.properties.file=%OZ_HOME%/conf/db.properties
path.cache.properties.file=%OZ_HOME%/conf/cachemngr.properties
path.monitor.properties.file=%OZ_HOME%/conf/monitor.properties
path.repository.properties.file=%OZ_HOME%/conf/repository.properties
path.usl.properties.file=%OZ_HOME%/conf/uslmngr.properties
path.schedule.properties.file=%OZ_HOME%/conf/srmngr.properties
path.sapclient.properties.file=%OZ_HOME%/conf/sap.properties
path.databind.properties.file=%OZ_HOME%/conf/databind.properties
path.assembly.properties.file=%OZ_HOME%/conf/assembly.properties
path.dbnfotemplate.properties.file=%OZ_HOME%/conf/dbtmpl.properties

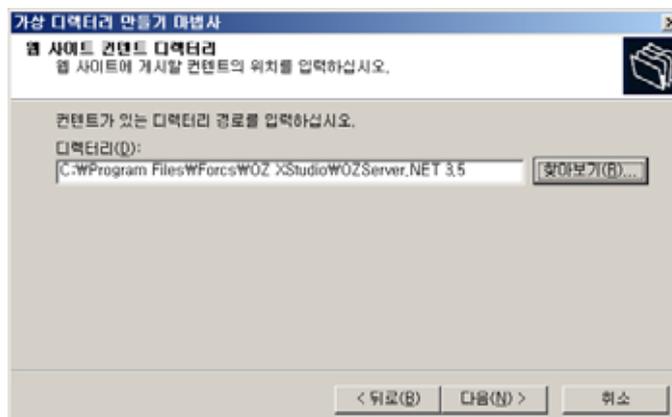
```

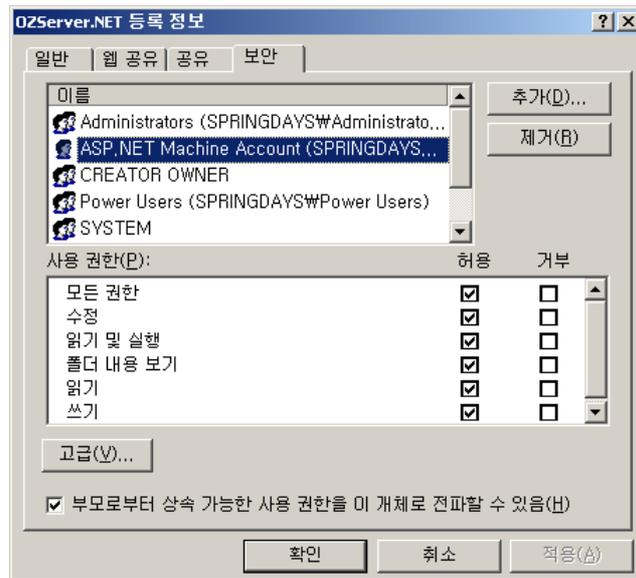



➤ 가 " " [] . ("OZ" .)



➤ [] [] . ("C:\Program Files\Forcis\OZ XStudio\OZServer.NET 3.5" .)





: ASP.NET

ASP.NET

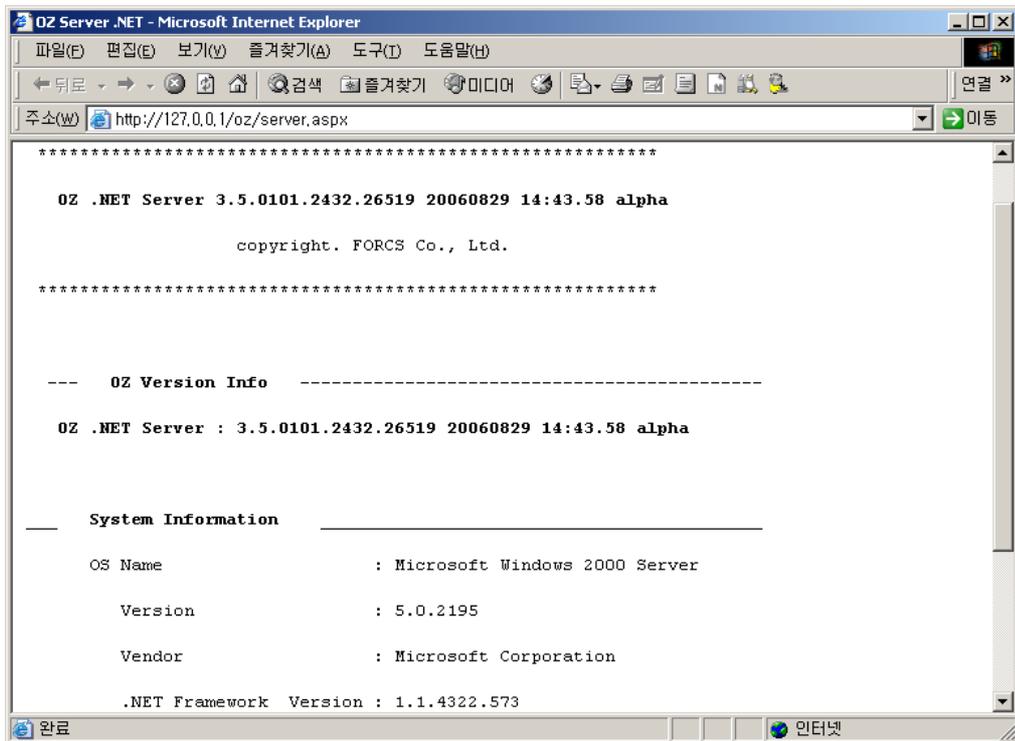
가



{OZ_HOME}	Global.asax	()
	ozserver.properties	
	Server.aspx	
	Web.config	가
bin	OZServer.NET.dll	
	SAP.Connector.dll	SAP
	user.cif	None
cache	가	
cache_dm		
conf	assembly.properties	
	cachemngr.properties	
	clientlist.xml	(MAC Address, IP Address, HDD Serial)
	databind.properties	
	db.properties	DB
	dbtmpl.properties	DBMS ADO .NET
	log.properties	
	monitor.properties	Monitor
	repository.properties	

	sap.properties	SAP
	spmgr.properties	
	srmngr.properties	
	uslmngr.properties	(, PKI)
license	ozlicense.xml	
logs	monitor.log	Monitor
	server.log	
scheduled_data		

IIS가



URL

http:// /가 / aspx

가 "oz" aspx "server.aspx"
URL "http://127.0.0.1/oz/server.aspx"가 .

- 
-
- **assembly.properties**
 - **cachemngr.properties**
 - **clientlist.xml**
 - **databind.properties**
 - **db.properties**
 - **dbtmpl.properties**
 - **log.properties**
 - **monitor.properties**
 - **ozserver.properties**
 - **repository.properties**
 - **sap.properties**
 - **spmgr.properties**
 - **srmngr.properties**
-

assembly.properties

{OZ_HOME}\conf\assembly.properties

```

:
PC
가

```

assembly.properties

```

###
###   Configurai on of Assembly
###

home=

#al i as. fi lepath=
#al i as. name=
#al i as. versi on=
#al i as. cul tuer=
#al i as. publ i ckey=

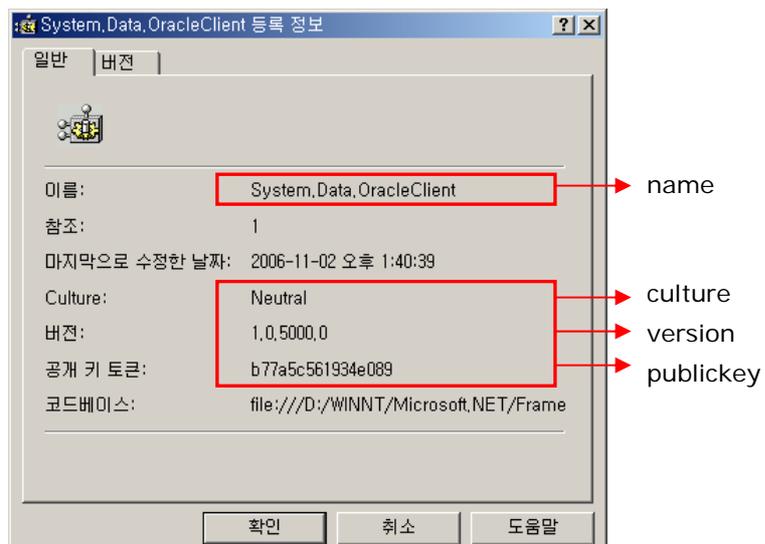
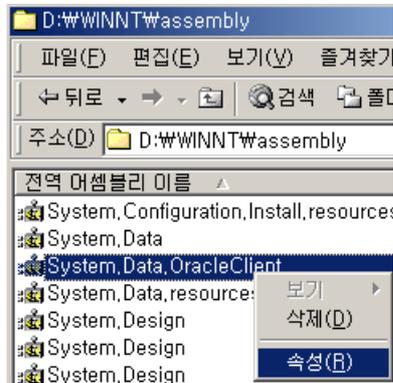
```

■ assembly.properties

home	(EM)

filepath	: filepath publickey	name, version, culture, filepath
name		
version		
culture		
publickey		

: assembly.properties



DBMS assembly.properties

■ MS-SQL

```
#
#MSSQL_ADO.NET_Provider
#
mssql_DB.name=System.Data
mssql_DB.version=1.0.5000.0
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=%OZ_HOME%/assembly/UDSSample.dll
```

cachemngr.properties

{OZ_HOME}\conf\cachemngr.properties

가

cachemngr.properties

```
###
###   Configurai on of Cache Manager
###   Last Modi fied : Tue Jul 29 13:31:39 GMT+09:00 2003

CACHE_FILE_PATH = %OZ_HOME%/cache/
CACHE_DM_FILE_PATH = %OZ_HOME%/dm_cache/

repository.active=false
repository.memoryCacheVal idTime=1200
repository.diskCacheVal idTime=0
repository.freeMemoryPercentage=0

datamodule.report.active=false
datamodule.report.memoryCacheVal idTime=1200
datamodule.report.diskCacheVal idTime=0
datamodule.report.freeMemoryPercentage=0

datamodule.appl ication.active=false
datamodule.appl ication.memoryCacheVal idTime=1200
datamodule.appl ication.diskCacheVal idTime=0
datamodule.appl ication.freeMemoryPercentage=0
```

■ cachemngr.properties

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

cachemngr.properties

- "/ /"

- Repository

-

repository.active = true

- (가 '/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 |

- (가 '/sales/car')

	datamodule.report.[/sales/car].active = true
	datamodule.application.[/sales/car].active = true

- ('dept1.odi')

	datamodule.report.[/sales/car].[dept1.odi].active = true
	datamodule.application.[/sales/car].[dept1.odi].active = true

- ('Code', Fetch 'DM_BATCH_FETCH', 'A001')

	datamodule.report.[/sales/car].[dept1.odi].[DM_BATCH_FETCH].[Code=A001].active = true
	datamodule.application.[/sales/car].[dept1.odi].[DM_BATCH_FETCH].[Code=A001].active = true

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

	datamodule.report.[/sales/car].[dept1.odi].[DM_CONCURRENT_FETCH].[Code=A001].active = true
	datamodule.application.[/sales/car].[dept1.odi].[DM_CONCURRENT_FETCH].[Code=A001].active = true

clientlist.xml

{OZ_HOME}\conf\clientlist.xml

OZA, OZR

Mac Address, IP Address, HDD Serial

: clientlist.xml

clientlist.xml

```
<ClientList use='true' >

  <!-- Client 1 -->
  <Client checkAll='true' >
    <MACAddress checkAll='true' >
      <Item>00-34-25-f1-61-45</Item>
      <Item>00-14-85-f1-68-22</Item>
    </MACAddress>
    <IPAddress checkAll='true' >
      <Item>127.0.0.1</Item>
      <Item>127.0.0.2</Item>
    </IPAddress>
    <HDDSerial checkAll='true' >
      <Item>S07HJ1LL200778</Item>
      <Item>L623471</Item>
    </HDDSerial >
  </Client>

  <!-- Client 2 -->
  <Client checkAll='true' >
```

```

...
</Client>
</ClientList>

```

■ clientlist.xml

ClientList	(MAC Address, IP Address, HDD Serial)		
	use	true	
false		()	
Client	MAC Address, IP Address, HDD Serial		
	checkAll	true	MAC Address, IP Address, HDD Serial
false		()	
MACAddress	MAC Address가 MAC Address		
	checkAll	true	MAC Address가 MAC Address
false		()	
IPAddress	IP Address가 IP Address		
	checkAll	true	IP Address가 IP
false		()	
HDDSerial	HDD Serial HDD Serial		

	checkAll	true	HDD Serial	HDD
		false	HDD Serial ()	HDD

- "HDDSerial" "HddSerial" 가 clientlist.xml

clientlist.xml

```
<ClientList use=' true' >
  <Client checkAll=' true' >
    <MACAddress checkAll=' false' >
      <Item>00-34-25-f1-61-45</Item>
      <Item>00-14-85-f1-68-22</Item>
    </MACAddress>
    <IPAddress checkAll=' false' >
      <Item>127.0.0.1</Item>
      <Item>127.0.0.2</Item>
    </IPAddress>
    <HDDSerial checkAll=' false' >
      <Item>S07HJ1LL200778</Item>
      <Item>L623471</Item>
    </HDDSerial >
  </Client>

  <Client checkAll=' false' >
    <MACAddress checkAll=' false' >
      <Item>00-0f-ea-fy-9a-6a</Item>
    </MACAddress>
    <IPAddress checkAll=' true' >
      <Item>127.0.0.3</Item>
      <Item>127.0.0.4</Item>
    </IPAddress>
  </Client>
</ClientList >
```

```
<HDDSerial checkAll='false' >
  <Item>S0AFJ10Y7064418</Item>
  <Item>5JT3G3KT</Item>
</HDDSerial >
</Client >
</ClientList >
```

databind.properties

{OZ_HOME}\conf\databind.properties

databind.properties

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

# unit : count, default : 0
ConcurrentFirstRow=0
```

■ **databind.properties**

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

db.properties

{OZ_HOME}\conf\db.properties

가

DB Connection Pool

DB Connection Pool

aliasname.fieldname = value

- aliasname

가

- fieldname

- db.properties

vendor	DBMS (odbc, oracle, informix, sybase. ms-sql)
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 SID
serverName	
dbName	
user	
password	
maxconns	가 가 DB Connection
initconns	DB Connection
timeout	Maxconns Connection (:)
sessionQuery	monitor log session id 가 "monitor.properties"
doConnectionCheck	ConnectionPool connection 가 가 connection
testQueryString	doConnectionCheck true
assembly	DB : assembly.properties alias

DBMS db.properties

- Oracle

```

oracl e_examp l e. vendor=oracl e
oracl e_examp l e. serverAddress=127. 0. 0. 1
oracl e_examp l e. portNo=1521
oracl e_examp l e. si d=ORCL
oracl e_examp l e. user=oz
oracl e_examp l e. password=oz
oracl e_examp l e. maxconns=20
oracl e_examp l 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=OZServer
i nformi x_exampl e. dbName=sysuti ls
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. ti meout=5
```

: 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_examp1 e. user=db2admi n  
db2_examp1 e. maxconns=20  
db2_examp1 e. i ni tconns=5  
db2_examp1 e. ti meout=5
```

■ sybase

```
Sybase_examp1 e. vendor=sybase  
Sybase_examp1 e. serverAddress=127. 0. 0. 1  
Sybase_examp1 e. dbName=master  
Sybase_examp1 e. portNo=2343  
Sybase_examp1 e. user=sa  
Sybase_examp1 e. password=sybase  
Sybase_examp1 e. maxconns=20  
Sybase_examp1 e. i ni tconns=5  
Sybase_examp1 e. ti meout=5
```

dbtmpl.properties

{OZ_HOME}\conf\dbtmpl.properties

DBMS ADO .NET

dbtmpl.properties

```
#-----
# Configuration of ADO .NET driver Class
#-----
#   Last Modified : Fri Jan 14 16:56:23 GMT+09:00 2005

db2.driver      = IBM.Data.DB2.DB2Connection
informix.driver = IBM.Data.Informix.IfxConnection
mssql.driver   = System.Data.SqlClient.SqlConnection
odbc.driver    = System.Data.Odbc.OdbcConnection
oracle.driver   = System.Data.OracleClient.OracleConnection
sybase.driver  = Sybase.Data.AseClient.AseConnection
```

■ dbtmpl.properties

db2.driver	IBM.Data.DB2.DB2Connection	IBM.Data.DB2.dll
informix.driver	IBM.Data.Informix.IfxConnection	IBM.Data.Informix.dll
mssql.driver	System.Data.SqlClient.SqlConnection	
odbc.driver	System.Data.Odbc.OdbcConnection	

oracle.driver	System.Data.OracleClient.OracleConnection	System.Data.OracleClient.dll
sybase.driver	Sybase.Data.AseClient.AseConnection	Sybase.Data.AseClient.dll

log.properties

{OZ_HOME}\conf\log.properties

```

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

log.properties

```

#-----
# confi gurai on of OZ loggi ng system (LOG4OZ)
#-----
#
# Set Pri ori tylog Level
#
# DEBUG, INFO, WARN, ERROR
Pri ori ty=DEBUG
#
# appender ROLLING_FILE
# File
#           MaxFileSi ze
#           가           가
#
#           MaxBackupI ndex
#
# Append :
# Immedi ateFl ush :   가
#           fal se
    
```

```
#
#
ROLLING_FILE.Type=RollingFile
ROLLING_FILE.File=%OZ_HOME%/logs/server.log
# ----
# ROLLING_FILE.Type=DailyRollingFile //
# ROLLING_FILE.DatePattern=yyyy-MM-dd
# -----
ROLLING_FILE.Append=true
ROLLING_FILE.MaxBackupIndex=5
ROLLING_FILE.MaxFileSize=1MB
ROLLING_FILE.ImmediateFlush=true
#-----
# configuration of HTTPStore Logging
#-----
#HTTPSTORE_LOG_FILE=MANUAL (AUTO/MANUAL/NONE)
#HTTPSTORE_LOG_FILE.LOCATION=%OZ_HOME%/logs (Directory Name)
```

■ LOG4OZ

Set Prioritylog level	priority	ERROR	log
		WARN	"ERROR"
		INFO	"ERROR"
		DEBUG	"ERROR", "INFO"
appender ROLLING_	ROLLING_FILE	Rolling File	

FILE	.Type	RollingFile	ex) server.log, server.log.1, server.log.2, ...	
		DailyRollingFile	(DatePattern)	
	ROLLING_FILE .DatePattern	"DatePattern"		
	ROLLING_FILE .File			
	ROLLING_FILE .Append	가	가	
		true	가	
		false	가	
	ROLLING_FILE .MaxBackupIndex	Backup	가	가
	ROLLING_FILE .MaxFileSize			
	ROLLING_FILE .ImmediateFlush			

■ HTTP

HTTP HTTP 가 가 ODI , ODI
 가 HTTP

HTTPSTORE_LOG_FILE	HTTP		
	MANUAL	HTTP .()	

	AUTO	HTTP
	NONE	HTTP
HTTPSTORE_LOG_FILE.LOCATION	가 '%OZ_HOME%/logs'	

- HTTP
- HTTP
- HTTP
- "HTTP"
- 'HTTPSTORE_LOG_FILE=AUTO'
- HTTP
- 'OZ_HTTPSTATEMENT.LOG.#' '#'
- 1 가

■ DatePattern

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

yyyy-MM-dd-HH		7 1 10 server.log server.log.2005-07-01-09 server.log .
yyyy-MM-dd-HH- mm		7 1 10 server.log server.log.2005-07-01-09-59 server.log .

monitor.properties

{OZ_HOME}\conf\monitor.properties

monitor.properties

```
#-----  
# confi gurai on of OZ Trasacti on Monoti or Log  
#-----  
#  
# OZ 3.5  
#  
#  
  
#  
# Whether Log or not  
#  
MONI TOR. Acti ve=true  
MONI TOR. Fi le=%OZ_HOME%/l ogs/moni tor. log  
MONI TOR. MaxBackupI ndex=5  
MONI TOR. MaxFi leSi ze=1MB  
MONI TOR. Immedi ateFl ush=true
```

■ monitor.properties

Active	
File	

MaxBackupIndex	Backup 가	. Backup 가
MaxFileSize		
ImmediateFlush		

■

CSV

MARK/THR_ID/TIME/F_MEM/T_MEM/S_CODE/S_STATUS/S_PARAMS/C_IP/DB_SS/E_TIME

MARK		start, end
THR_ID	ID	(int)
TIME		1970 1 1 0 Millisecond (long), (int)
F_MEM	가	: byte
T_MEM	JVM	: byte
S_CODE	" "	(int)
S_STATUS		: 9001 : 9002
S_PARAMS		
C_IP	IP	
DB_SS	DBMS ID	
E_TIME		1970 1 1 0 Millisecond (long), (int)

- sessionQuery

session ID 가 DB db.properties

<alias>.sessionQuery ID .

session ID가 sessionQuery .

```
alias.sessionQuery = "[DB Query]"
```

```
<informix>
```

```
SELECT DBINFO("\sessionid") FROM SysTables WHERE TabID = 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;
```

```
ISENABLE 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 ITEMID = 141;
GET ITEM DATAINFO = 142;
UPDATE USERNAME =143;
UPDATE GROUPNAME = 144;
UPDATE ITEMNAME = 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 USERLISTAUTH CATEGORY = 154;
GET GROUPLISTAUTH CATEGORY = 155;
UPDATE LOGINDEFAULT = 156;

UPDATE CATEGORYNAME = 157;
CREATE ITEMINDEX = 158;
DELETE ITEMINDEX = 159;
GET ITEMINDEX 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 HISTORY LIST = 168;
CLEAR HISTORY = 169;
CHECK OUT USER = 170;

GET CATEGORYINFO = 171;
GET ITEMINFO = 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 ITEMID WITH 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;
ISLOGIN USER = 190;
GET ITEMLIST WITH PERMISSION USER = 191;
GET CATEGORYLIST WITH PERMISSION USER = 192;
GET ITEMLIST WITH PERMISSION 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 ITEMLIST WITH 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 INFORMATION = 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;
```

```
// Scheduler      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 가
    GET DM VERSION = 800;

// USL 가
    GET USL = 900;
    USE USL = 901;
```

ozserver.properties

{OZ_HOME}\ozserver.properties

가

ozserver.properties

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

path.oz.server.home=

path.license.file=%OZ_HOME%/license/ozlicense.xml
path.log.properties.file=%OZ_HOME%/conf/log.properties
path.security.properties.file=%OZ_HOME%/conf/spmgr.properties
path.connpool.properties.file=%OZ_HOME%/conf/db.properties
path.cache.properties.file=%OZ_HOME%/conf/cachemngr.properties
path.monitor.properties.file=%OZ_HOME%/conf/monitor.properties
path.repository.properties.file=%OZ_HOME%/conf/repository.properties
path.usl.properties.file=%OZ_HOME%/conf/uslmngr.properties
path.schedule.properties.file=%OZ_HOME%/conf/srmngr.properties
path.dbnftemplate.properties.file=%OZ_HOME%/conf/dbtmpl.properties
path.sapclient.properties.file=%OZ_HOME%/conf/sap.properties
path.clientinfo.properties.file=%OZ_HOME%/conf/clientlist.xml
path.assembly.properties.file=%OZ_HOME%/conf/assembly.properties
```

: %OZ_HOME%

%OZ_HOME%

가

ozserver.properties

repository.properties

{OZ_HOME}\conf\repository.properties

repository.properties

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

#Backup History for None Type
REPOSITORY_NONE_BACKUP=false
REPOSITORY_NONE_BACKUP_PATH=%OZ_HOME%/repository_files_bak/
REPOSITORY_NONE_BACKUP_ITEM_COUNT=10
REPOSITORY_NONE_BACKUP_ITEM_VALID_DAYS=0

#Item file save number per a directory
#Default value is 500
#The value must be larger 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
```

```

REPOSITORY_QUERY_MAXBACKUPINDEX = 5
REPOSITORY_QUERY_MAXFILESIZE = 1M
REPOSITORY_QUERY_IMMEDIATEFLUSH = true
#
# DB alias in /conf/db.properties to use repository
#
# note: ignored if REPOSITORY_TYPE is BUILTIN
#
REPOSITORY_DB_ALIAS = mssql_test3
#
# note: ignored if REPOSITORY_TYPE is BUILTIN and RDB
    
```

■ repository.properties

TYPE	RDB	가 DB
	BUILTIN	DB (Hypersonic SQL DB)
	NONE	
FILE_PATH		
REPOSITORY_NONE_BACKUP	None	
REPOSITORY_NONE_BACKUP_PATH	None	
REPOSITORY_NONE_BACKUP_ITEM_COUNT	None	
REPOSITORY_NONE_BACKUP_ITEM_VALIDDAYS	None	
ITEM_NUMBER_PER_DIRECTORY		
HISTORY_ITEM_VALID_DAYS		
QUERY_MAXBACKUPINDEX	BUILTIN DB	
QUERY_MAXFILESIZE	BUILTIN DB	
QUERY_IMMEDIATEFLUSH	BUILTIN DB	

DB_ALIAS	db.properties Repository	Alias가	DB
-----------------	-----------------------------	--------	----

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.properties

```
#####
#####   Configuration of SAP Connection Manager   #####
#####

#<alias>.proxy=
#<alias>.client=
#<alias>.user=
#<alias>.password=
#<alias>.language=
#<alias>.host=
#<alias>.sysno=
#<alias>.group=
#<alias>.istrace=false
#<alias>.assembly=

#####
#####   SAP Connection Pool   #####
#####

#####   SAP   가   UI   #####
```

sap.properties

```
#####
#####   Configuration of SAP Connection Manager   #####
#####

#<alias>.proxy=
#<alias>.client=
#<alias>.user=
#<alias>.password=
#<alias>.language=
#<alias>.host=
#<alias>.sysno=
#<alias>.group=
#<alias>.istrace=false
#<alias>.assembly=
```

■ sap.properties

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

spmgr.properties

{OZ_HOME}\conf\spmgr.properties

spmgr.properties

```
# Secure Level [ high / middle / low ]
# default : low
client_message_secure_level = low

user.multilogin= true
user.sessionTimeout = 10
allow_service_qd=false
enable_service_reposistory=false
allow_service_em=false
allow_service_rm=false
allow_service_rv=false
allow_service_av=false
allow_service_api=false
allow_service_sh=false
allow_service_ps=false
```

■ spmgr.properties

multilogin	
sessionTimeout	: (user.multilogin 'false') 가 .

client_message_secure_level	high	
	middle	Exception Name
	low	
allow_service_qd	ODI	가 가
enable_service_repository		
allow_service_em	Enterprise Manager	가
allow_service_rm	Repository Manager	가
allow_service_rv	OZR	가
allow_service_av	OZA	가
allow_service_api	API	가
allow_service_sh	Scheduler	가
allow_service_ps	Push Server	가

: enable_service_repository

- enable_service_repository=true

		가	가
allow_service_qd	true	O	O
	false	O	X
allow_service_rv	true	O	O
	false	O	X
allow_service_av	true	O	O
	false	O	X

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	X	X
	false	X	X
allow_service_rv	true	X	X
	false	X	X
allow_service_av	true	X	X
	false	X	X

enable_service_repository false , allow_service_qd,
 allow_service_rv, allow_service_av true 가

srmngr.properties

{OZ_HOME}\conf\srmngr.properties

SDM

SDM

srmngr.properties

```
# default t : false
use_scheduled_data=true

# The path that scheduled data modules are stored.
# default t : %OZ_HOME%/scheduled_data
datamodule_path=%OZ_HOME%/scheduled_data
```

■ srmngr.properties

use_scheduled_data	SDM "true" SDM "datamodule_path" SDM "Fetch Type" "BATCH" "CONCURRENT", "Fetch Type"
datamodule_path	SDM

uslmngr.properties

{OZ_HOME}\conf\uslmngr.properties

User Security Logic

uslmngr.properties

```
# oz3.5 USL configuration  
  
#  
# set whether use user security logic or not globaly  
#  
UseUserSecurityLogicVer30 = true  
  
OZDefault_SERVER=oz.usl.OZUSLServerSample  
OZDefault_CLIENT=oz.usl.OZUSLClientSample
```

■ uslmngr.properties

UseUserSecurityLogicVer30	User Security Logic
OZDefault_SERVER	USL
OZDefault_CLIENT	USL

: User Security Logic