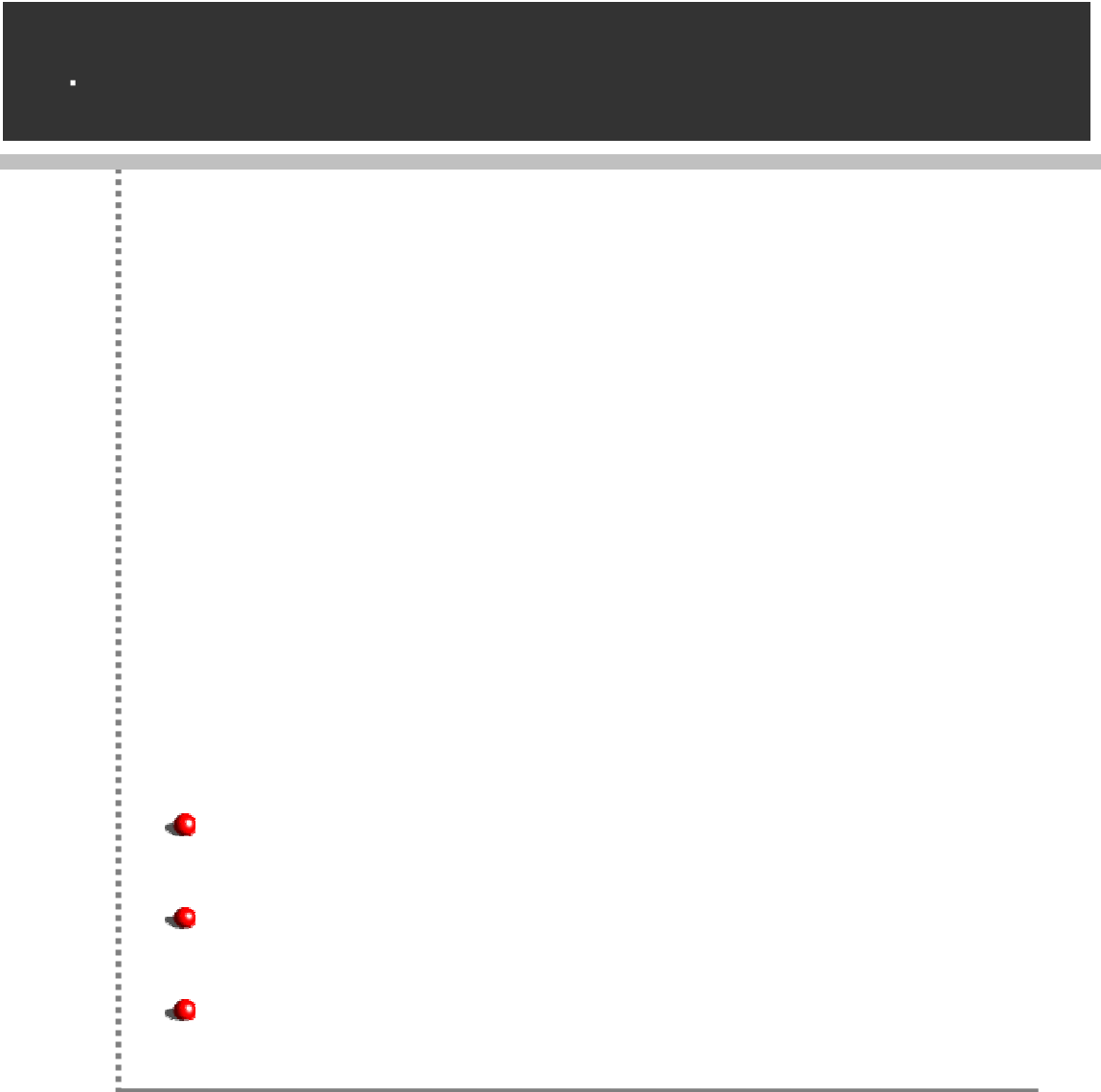
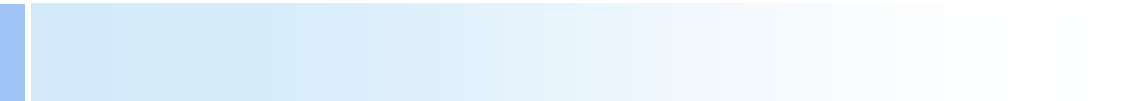


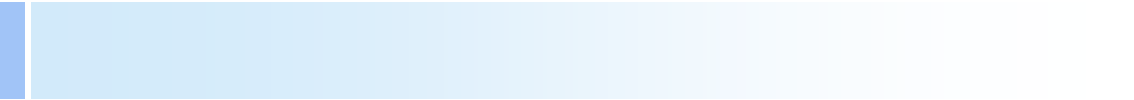
•		3
		4
		4
		6
•		7
		8
		8
		8
EXE		9
EXE		9
EXE		9
ActiveX		10
ActiveX		10
ActiveX		11
ActiveX		14
ActiveX		15
ActiveX		24
ActiveX		26
ActiveX		27
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	(repository_agent)	36
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		52

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		58
		60
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Appendix 2.		 67
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()



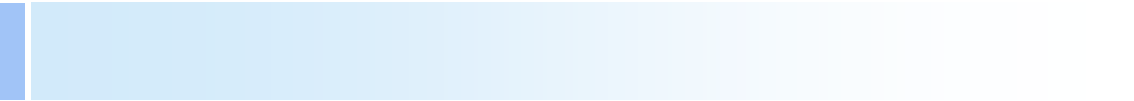
가

가

.

Visual Basic .NET, C# .NET

.



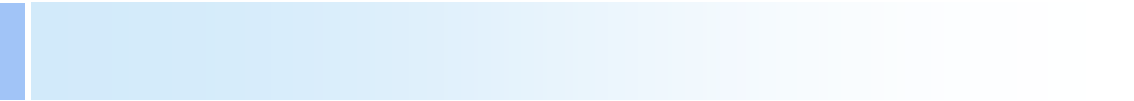
Manual	Description
Getting Started	
가	
가	
가	
가	가



EXE



ActiveX



, OZA

- Windows 2000 ("User1")
C:\Documents and Settings\User1\Local Settings\Temp\OZApplication Viewer
- Windows Vista ("User1")
C:\Users\User1\AppData\LocalLow\OZApplication Viewer

: Windows 2000 Windows 98 Windows Me

:
가 OZApplication Viewer 가

EXE ActiveX

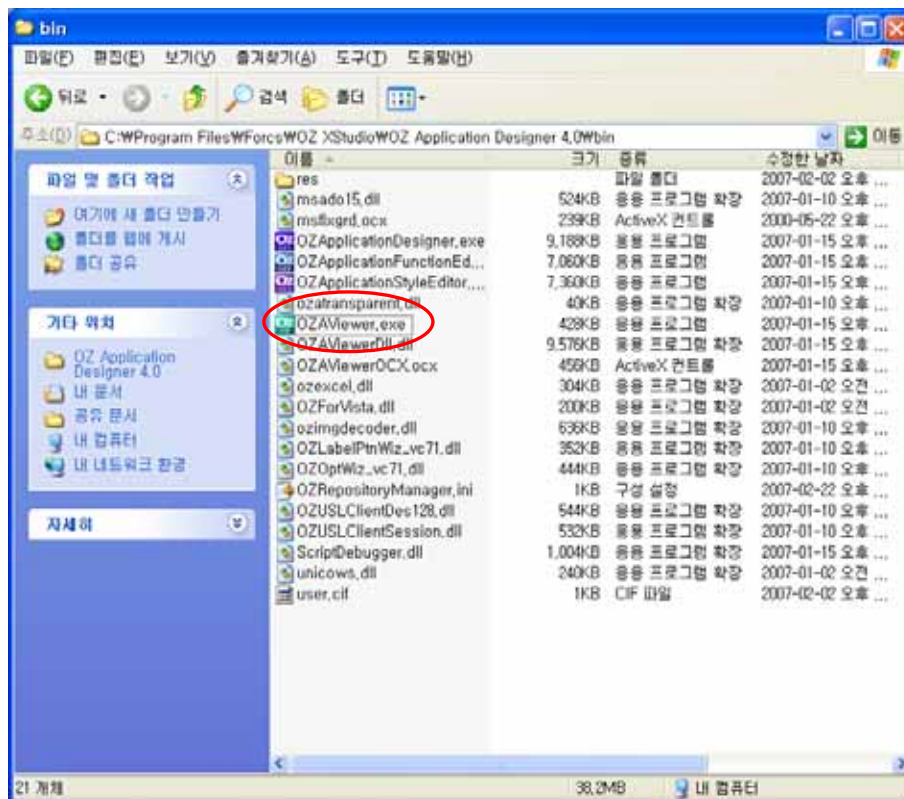
EXE EXE "OZAViewer.exe" OZA

ActiveX ActiveX "OZAViewerOCX.ocx"
OZA

EXE

EXE

EXE



EXE

EXE

"OZViewer.exe"

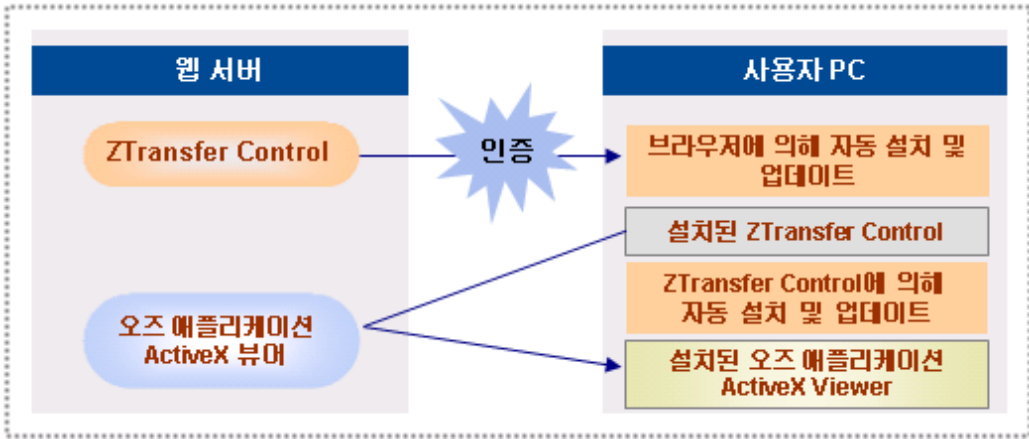
: EXE

ActiveX

ActiveX

ActiveX

PC
가
"ZTransferX Control" PC
PC ZTransferX Control
가 ZTransferX Control PC , ZTransferX Control
가



: ZTransferX Control

ZTransferX Control ActiveX

ZTransferX Control 가 PC

ActiveX ZTransferX Control PC IDF

IDF

ZTransferX ActiveX cabinet(*.cab)

ZTransferX 1 ,

ZTransferX 가

ActiveX

PC

- `download.parametername`

•

Definition	ActiveX
	가 "127.0.0.1" , "OZApplicationViewer" ActiveX
Example	<pre><param name="download.server" value="http://127.0.0.1/OZApplicationViewer"></pre>

Definition	ActiveX
Example	가 "80" <code><param name="download.port" value="80"></code>

	ActiveX	.
	:	, ActiveX
Definition	ActiveX	,
	DLL , OCX	
	가 ".idf"	.
Example	"ozaviewer.idf"	
	<param name="download.instruction" value="ozaviewer.idf">	

Definition	ActiveX (IDF)
-------------------	----------------

가 "127.0.0.1" , 가 "80" ,
"OZApplicationViewer"

Example "ozaviewer.idf" ActiveX
<param name="download.instructionURL"
value="http://127.0.0.1:80/OZApplicationViewer/ozaviewer.idf">

ActiveX (IDF) 가
"download.instructionURL" 가
. , ActiveX IDF 가
"download.instructionURL"
"download.instructionURL" "download.instruction"
"download.instructionURL" 가 . , ActiveX
"download.instructionURL" IDF
.
PC IDF "download.instruction"
. , "download.instruction"
"download.instructionURL"
.

- download.quiet

Definition	ActiveX 가 .
Value	<i>true</i> <i>false</i> ()
Example	<param name="download.quiet" value="true">

■ install.*parametername*

ActiveX PC .

- install.base

Definition	ActiveX PC .
Example	<param name="install.base" value="<PROGRAMS>/Forcs">

- install.namespace

	'install.base'
	:

Definition

ActiveX
ActiveX
PC
가
ActiveX

Example <param name="install.namespace" value="F00D2005">



ActiveX

- maxconnect

	가
	:
	:

Definition

, Administrator

Example <param name="maxconnect" value="100">

- useprogress

Definition	ActiveX
Value	<i>true</i> ()
	<i>false</i>
Example	<param name="useprogress" value="true">

ActiveX

ActiveX

ozviewer.idf	ActiveX
ozviewer_ _ 가 .message	ActiveX
ozxlswriter.zip	DLL zip
	ozxlswriter.dll
ozaresource.zip	ActiveX zip
	av_error_msg_ _ 가 .xml
	ActiveX ex) av_error_msg_en_us.xml
	server_error_ms g_ _ 가 .xml
	ex) server_error_msg_en_us.xml
	MultiLanguageList.xml
ozauser.zip	USL zip
	OZUSLClientDes128.dll
	OZUSLClientSession.dll
	USL
ozviewer.zip	ActiveX zip
	OZAVviewer.exe
	OZAVviewerDll.dll
	ActiveX
	OZForVista.dll
	Windows Vista
ozviewerocx.zip	ActiveX Control zip
	OZAVviewerOCX.ocx
	ActiveX OCX
ozsystem.zip	Microsoft Layer of Unicode zip
	unicows.dll
	Microsoft Layer of Unicode
ZTransferX.cab	ActiveX
	ZTransferX.inf
	ZTransferX Control
	ZTransferX.ocx
	ZTransferX Control OCX
	ZtransferForVista.dll
	Windows Vista

ozverify.dll

"ozaviewer.idf" .

• ;

$$\text{IDF} = \frac{1}{\log(n)}$$

Body			
[	1]		
	1	1 =	1
	...		
	1	n =	n
[	2]		
	2	1 =	1
	...		
	2	n =	n
	...		
[	n]		
	n	1 =	1
	...		
	n	n =	n

■ **Header**

Header	IDF	TF	TF-IDF	Doc
ActiveX	0.5	1	0.5	1

- version

Definition	IDF	RootVersion	.
Example	version = 5000,2008,0416,100		

- formatversion

Definition	IDF $IDF = \frac{1}{\log(\text{Number of documents containing the term})}$, IDF
Example	FormatVersion=1,0,0,1

- assureall

Definition	.
Value	<i>true</i>

	<i>false</i>	()
Example	AssureAll=false	

- checkrootversion

Definition	RootVersion	
	<i>true</i>	RootVersion Entry
Value	<i>false</i>	RootVersion Entry ()
Example	checkrootversion=false	

- messagefile

Definition	가 - - 가 .message" 'messagefile=' PC	
	<i>true</i>	"
	<i>false</i>	.message" 가
Example	"Appendix 1. 가 " - : ozaviewer_ko_kr.message - : ozaviewer_en_us.message - : ozaviewer_ja_jp.message - : ozaviewer_zh_cn.message - : ozaviewer_zh_tw.message	

- msgonerror

Definition		
	<i>true</i>	
Value	<i>false</i>	()

Example	msgonerror=false
----------------	------------------

- stoponerror

Definition	가 가
Value	<i>true</i> <i>false</i> 가 ()
Example	stoponerror=false

■ **Body**

Body

Entry ,

Definition	(Entry) "[]" ()
Value	[] Locale 가 [(auto)] _KOR_KOR.zip, _KOR.zip, .zip 가 [(code)] Windows 9x(98,98SE,ME) _ANSI.zip , Windows NT(NT, 2000, XP, 2003) _UNICODE.zip
Example	"ozviewerocx.zip" [ozviewerocx]

- entryversion

Definition	(Entry)
Example	EntryVersion=5000,2008,0416,100

- file

Definition

Example file=ozaviewerocx.zip

- entry

Definition (Entry)

Example entry=OZAVIEWEROCX.ocx

- compress

zip

:"update.ini" "param.oz"
PC
compress=no

Definition

```
[ini]
entryversion=5000,2008,0416,200
file= update.ini
compress = no
destdir = <THIS>/bin/update

[param]
entryversion=5000,2008,0416,200
file= param.oz
compress = no
destdir = <THIS>/bin
```

update.ini, param.oz 가 ,

Example compress=zip

- clsid

Definition	Class ID
Example	clsid={907A00F3-7390-4EF2-931B-360546587804}

- command

Definition	Entry
	<i>RegisterServer</i> 'Entry='
	<i>UnRegisterServer</i> 'Entry='
Value	<i>Execute</i> 'Entry='
	<i>ExecuteAtDownload</i> "Entry="
	<i>Delete</i> 'Entry='
Example	command=RegisterServer

- destdir

Definition	'\ ' 가 : ▪ <THIS> : ZTransferX HTML "install.base/install.namespace" ▪ <SYSTEM> : ▪ <PROGRAMS> : Program Files
Example	destdir=c:/temp → c:/temp destdir=<SYSTEM>/project → project

- AutoRunEnable

Definition	
Value	<i>true</i> <i>false</i>
Example	AutoRunEnable=true

- AutoRunExtention

Definition

Example AutoRunExtension=ozu

- AutoRunFileName

Definition AutoRunExtension 가

Example AutoRunFileName=OZAVIEWER.exe

- comparefile

Definition

Example comparefile=unicows.dll

- compareoption

Definition comparefile

Value exist (

Example compareoption=exist

- shortcutfilename

가 "destdir"

Definition : 가 "shortcutfilename" 가

Example shortcutfilename=ozaviewer.exe

- shortcutdisplayname

	가	,	가	.
Definition	:			가 가
Example	shortcutdisplayname=OZ Application Viewer			

- startprogramname

	가	.
Definition	:	가 가
Example	가	" /Fors" "OZ Application Viewer"
	startprogramname=/FORCS/OZ Application Viewer	

- shortcuticonname

	가	.	(.ico)
Definition	•		가 가
	•	가	"file"
Example	: shortcuticonname=c:/temp/oza.ico		
	: "destdir"		
	shortcuticonname=/res/oza.ico		

- SleepAfterExecute

	Entry	가
	ZTransfer	.
Definition	• IDF command Execute, - ExecuteAtDownload • "SleepAfterExecute" - ZTransfer 가	
	0	()
Value	1	가
		(: ms)
Example	5	
	SleepAfterExecute=5000	

■

```
[IDF]
version = 5000,2008,0416,100
FormatVersion=1,0,0,1
checkrootversion=false
stoponerror=false
msgonerror=false
AssureAll=false
messageFile = ozviewer.message
;license=please write down license key information

;copy dlls
[ozviewer]
EntryVersion=5000,2008,0416,100
file=ozviewer.zip
compress = zip
destDir = <THIS>/bin
AutoRunEnable=true
AutoRunExtension=ozu
AutoRunFileName=OZAVIEWER.exe
;shortcutfilename=ozviewer.exe
;shortcutdisplayname=OZ Application Viewer
;startprogramname=/FORCS/OZ Application Viewer
;shortcuticonname=ozviewer.ico
;SleepAfterExecute=0

[ozxlswriter]
EntryVersion=5000,2008,0416,100
file= ozxlswriter.zip
compress=zip
```

```
destDir=<THIS>/bin

;register ocx
[ozaviewerocx]
EntryVersion=5000,2008,0416,100
file=ozaviewerocx.zip
entry=OZAVIEWEROCX.ocx
compress=zip
clsid={907A00F3-7390-4EF2-931B-360546587804}
command=RegisterServer
destDir=<THIS>/bin

;copy dlls
[ozaresource]
EntryVersion=5000,2008,0416,100
file=ozaresource.zip
compress=zip
destDir=<THIS>/bin/res

;copy system files
[ozsystem]
entryversion=5000,2008,0416,100
file= ozsystem.zip
compress=zip
comparefile=unicows.dll
compareoption=exist
destdir=<IE>,<THIS>/bin

;copy user files
[ozauser]
entryversion=5000,2008,0416,100
file=ozauser.zip
compress=zip
destdir=<THIS>/bin
```

ActiveX



ActiveX

PC

- download.server
- download.port
- download.instruction
- install.base
- install.namespace

■ ActiveX

- ztransferx.js

```
var ZTransferXObjectElement = document.createElement('<OBJECT width="0"
height="0" ID="ZTransferX" CLASSID="CLSID:C7C7225A-9476-47AC-B0B0-
FF3B79D55E67"
codebase="http://127.0.0.1/CustomNameSpace/ZTransferX.cab#version=2,1,0,3">
</OBJECT>');
var ZTransferXParamElement1 = document.createElement('<PARAM
NAME="download.Server" VALUE="http://127.0.0.1/CustomNameSpace/">');
var ZTransferXParamElement2 = document.createElement('<PARAM
NAME="download.Port" VALUE="80">');
var ZTransferXParamElement3 = document.createElement('<PARAM
NAME="download.Instruction" VALUE="ozaviewer.idf">');
var ZTransferXParamElement4 = document.createElement('<PARAM
NAME="install.Base" VALUE="<PROGRAMS>/Forcs">');
var ZTransferXParamElement5 = document.createElement('<PARAM
NAME="install.Namespace" VALUE="CustomNameSpace">');

ZTransferXObjectElement.appendChild(ZTransferXParamElement1);
ZTransferXObjectElement.appendChild(ZTransferXParamElement2);
ZTransferXObjectElement.appendChild(ZTransferXParamElement3);
ZTransferXObjectElement.appendChild(ZTransferXParamElement4);
ZTransferXObjectElement.appendChild(ZTransferXParamElement5);

OZEmbedControlLocation.appendChild(ZTransferXObjectElement);
```

- install.html

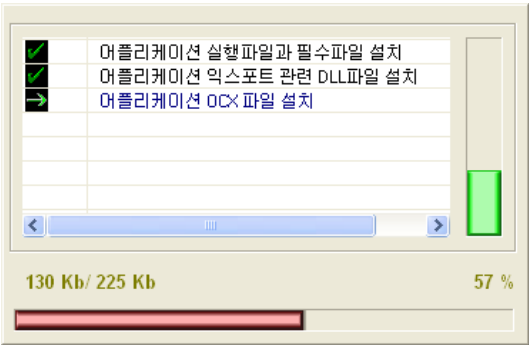
```
<HTML>
<HEAD>
  <title>Application Viewer Install</title>
</HEAD>
<BODY leftmargin="0" topmargin="0">
  <div id="OZEmbedControlLocation">
    <script id="ZTransferX" src="ztransferx.js"></script>
  </div>
</BODY>
</HTML>
```

ActiveX

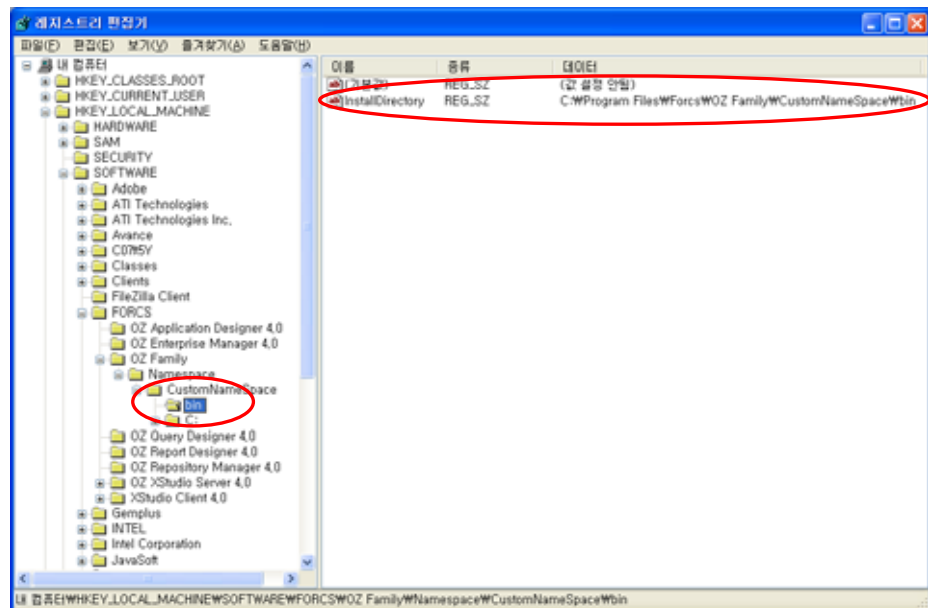
ActiveX

- - ActiveX (IDF)
 - ActiveX
 - ActiveX HTML HTML

- - ActiveX 가 HTML
 - ZTransferX Control 가 [] ZTransferX Control
 - ActiveX 가



- ActiveX 가
 - - "install.base" "install.namespace"
 - ActiveX
 - - "HKEY_LOCAL_MACHINE\SOFTWARE\FORCS
 - \OZ Family\Namespace\" "install.namespace"
 - 가 bin "InstallDirectory"
 - "OZAVIEWEROCX.ocx" 가



ActiveX

ActiveX ZTransferX Control ActiveX .

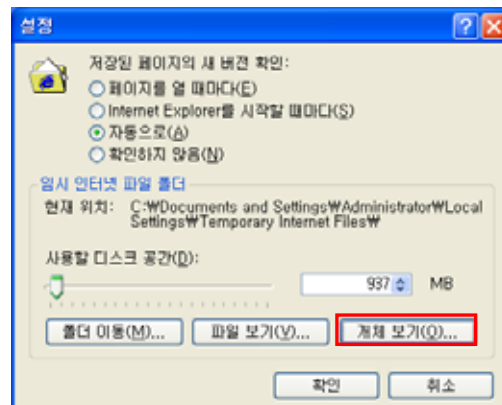
■ ZTransferX Control

- Internet Explorer [] - [] [] "

" [] .



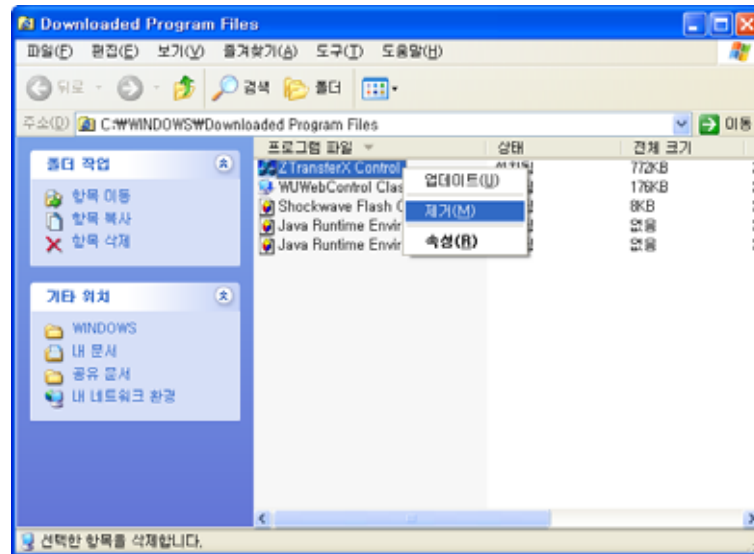
[]



"ZTransferX Control"

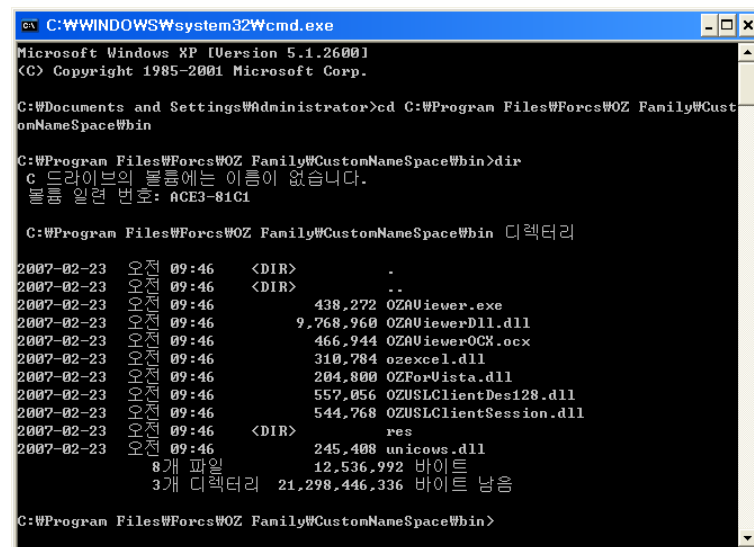
[]

ZTransferX Control

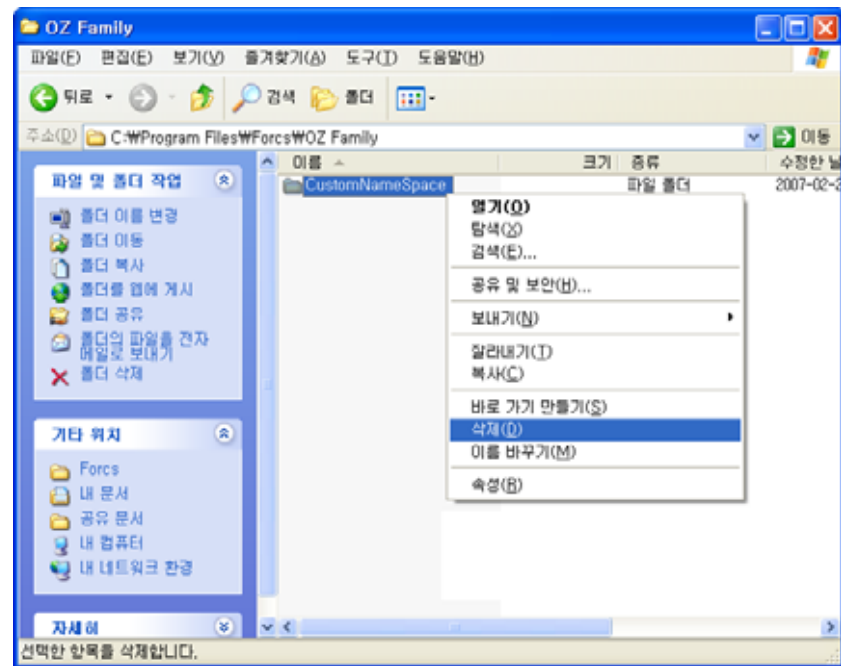


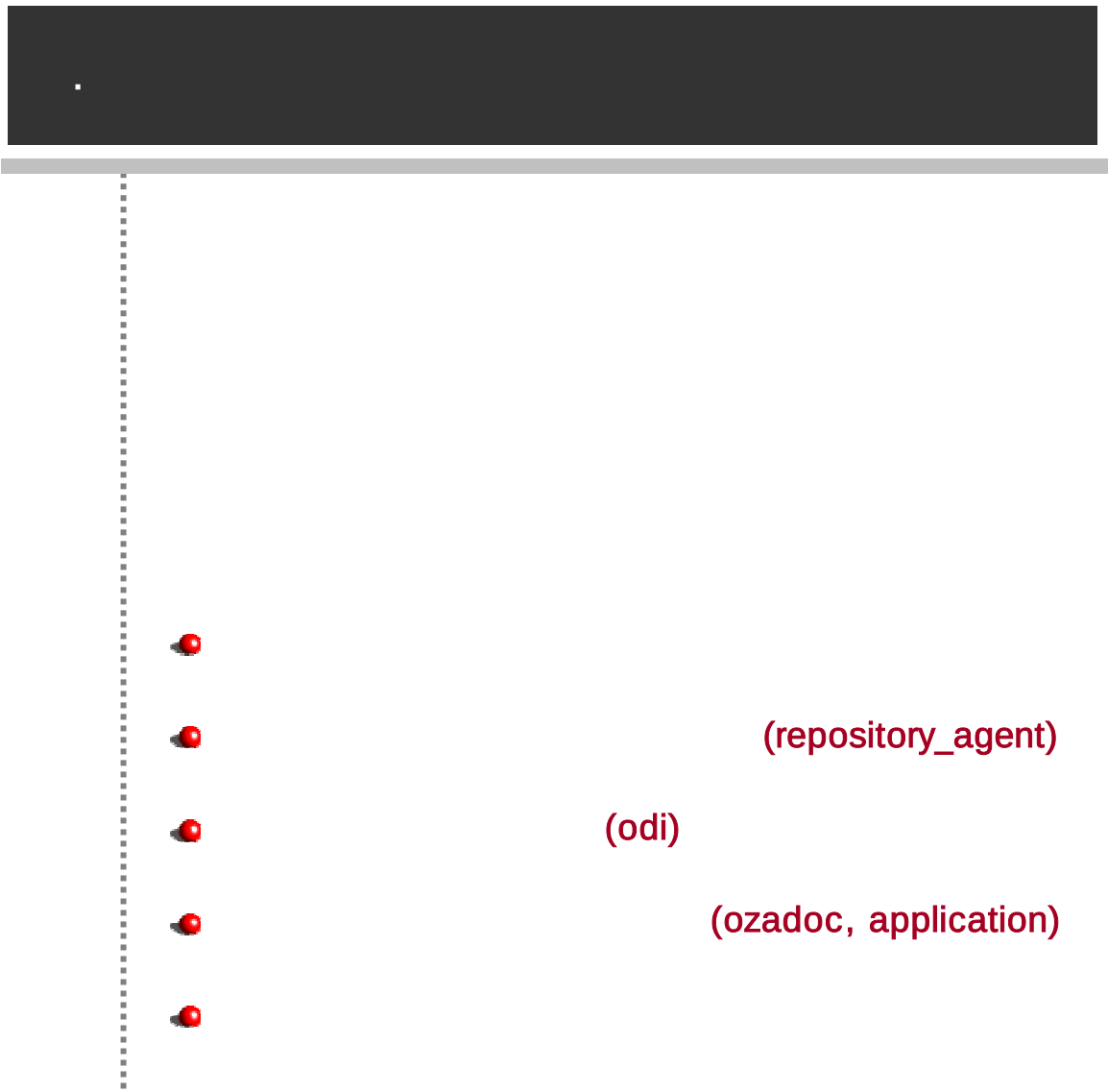
■ ActiveX

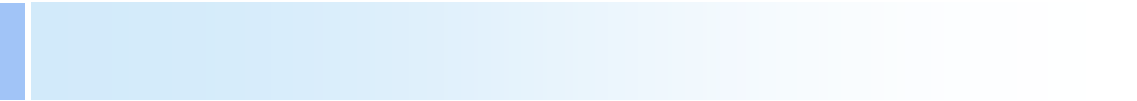
- "regsvr32 /u" ActiveX
 ▪ [] (cmd.exe)
 ActiveX "InstallDirectory"
 "OZAVIEWEROCX.ocx"



- "regsvr32 /u OZAVIEWEROCX.ocx"
- ActiveX 가







, OZA

[.] [.] ...

ex) repository_agent.type
repository_agent.ozserver.server

"ozadoc.autoadjustsize" "OZADoc.AutoAdjustSize"

"true", "false", , HTTP , OZURL
<param name="ozadoc.autoadjustsize" value="true">

: OZURL
OZURL OZ Application
■
ozp:/// ex) ozp:///main.jpg

ozp:// / ex) ozp://images/main.jpg

file:// / ex) file://C:/title.gif

ODI : ODI , ODI , ODI

	ActiveX	EXE
repository_agent.type		
repository_agent.ozserver.server		
repository_agent.ozserver.port		
repository_agent.ozserver.servlet		
repository_agent.user		
repository_agent.pass		
repository_agent.clientcachetype		
repository_agent.local.root_path		
repository_agent.try_license_check		
repository_agent.try_usl_check		
repository_agent.usl_param.pcount		
repository_agent.usl_param.args#		



	ActiveX	EXE
odi.fetchunit		
odi.fetchtype		
odi.clientdmtype		
odi.serverdmtype		
odi.compresseddatamodule		
odi.scheduleddata		
odi.sdmpath		
odi.disconnectcache		
odi.refreshbyozparam		
odi.ozserver.server		
odi.ozserver.port		
odi.ozserver.servlet		
odi.ozserver.user		
odi.ozserver.pass		
odi.odinames		
odi.odiname.pcount		
odi.odiname.args#		
odi.odiname.clientdmtype		
odi.odiname.serverdmtype		
odi.odiname.compresseddatamodule		
odi.odiname.fetchunit		
odi.odiname.fetchtype		
odi.odiname.scheduleddata		
odi.odiname.sdmpath		
odi.odiname.disconnectcache		
odi.odiname.refreshbyozparam		
odi.odiname.ozserver.server		
odi.odiname.ozserver.port		
odi.odiname.ozserver.servlet		
odi.odiname.ozserver.user		
odi.odiname.ozserver.pass		

■

	ActiveX	EXE
ozadoc.path		
ozadoc.force_initboard		
ozadoc.autoadjustsize		
ozadoc.errormessage_type		
ozadoc.splash_image		
ozadoc.isframe		
ozadoc.killprocess		
ozadoc.frame_classname		
ozadoc.main_title		
ozadoc.main_frameicon		
ozadoc.main_frameicon_mask		
ozadoc.main_position		
ozadoc.bareserver_log		
ozadoc.script_debug		
ozadoc.pcount		
ozadoc.args#		
ozadoc.background_color		
ozadoc.lockconsole		
application.namespace		

(repository_agent)

■ repository_agent.parametername

- repository_agent.type

가	
: ActiveX EXE 가 ,	
Definition	"
Value	FROM_LOCAL ()
	FROM_OZSERVER
Example	<param name="repository_agent.type" value="FROM_OZSERVER">

- repository_agent.ozserver.server

가	
Definition	IP .
Example	<param name="repository_agent.ozserver.server" value="127.0.0.1">

- repository_agent.ozserver.port

가	
Definition	.
Example	<param name="repository_agent.ozserver.port" value="8003">

- repository_agent.ozserver.servlet

가	
Definition	.
Example	<param name="repository_agent.ozserver.servlet" value="http://127.0.0.1:8080/ozservlet/server">

- repository_agent.user

- | | | |
|-------------------|--|-------------------------|
| | ID | . |
| | : ID | . |
| Definition | ID | "repository_agent.user" |
| | user" | ID |
| | "guest" | . |
| Example | <param name="repository_agent.user" value="admin"> | |
- repository_agent.pass

Definition	"repository_agent.user"	ID
	.	
Example	<param name="repository_agent.pass" value="admin">	
 - repository_agent.clientcachetype

	.	(: memory,file)
Definition	:	memory, file, disconnect, crypt 가
	(,)	.
	<i>memory</i>	
	<i>file</i>	
Value	<i>disconnect</i>	가
	<i>crypt</i>	
	file, disconnect	
Example	<param name="repository_agent.clientcachetype" value="file, disconnect">	
 - repository_agent.local.root_path

Definition	.
Example	<param name="repository_agent.local.root_path" value="c:/Program Files/Forcs/Repository">
 - repository_agent.try_license_check

Definition	Serial, IP, Mac Address, HDD 가
Value	<i>true</i> <i>false</i> ()
Example	<param name="repository_agent.try_license_check" value="true">

- repository_agent.try_usl_check

Definition	USL "User Security Logic" "OZ API Developer's Guide"
Value	<i>true</i> USL <i>false</i> USL ()
Example	<param name="repository_agent.try_usl_check" value="true">

- repository_agent.usl_param.pcount

Definition	USL
Example	<param name="repository_agent.usl_param.pcount" value="2">

- repository_agent.usl_param.args#

Definition	USL "repository_agent.usl_param.pcount" 가 "USL = USL"
Example	<param name="repository_agent.usl_param.args1" value="Param1=Value1"> <param name="repository_agent.usl_param.args2" value="Param2=Value2">

(odi)

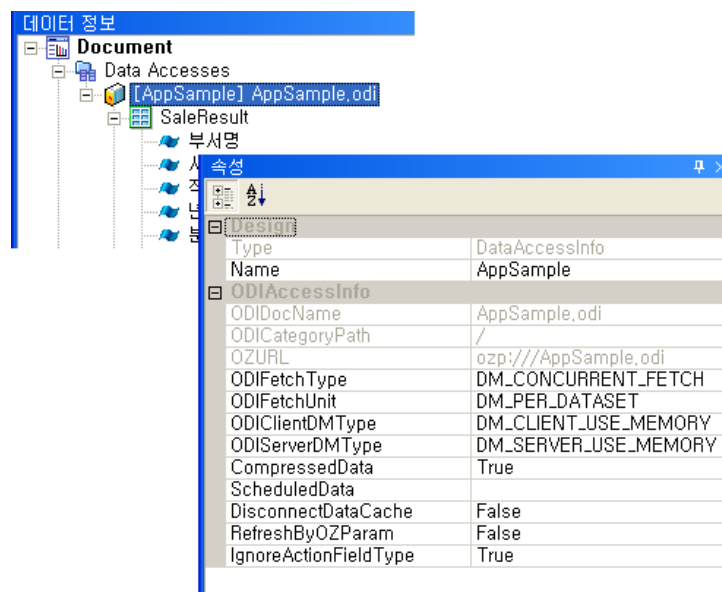
- *odi.parametername, odi.odiname.parametername*

(OZA) 가 ODI

"odi.parametername" , ODI

"odi.odiname.parametername" .

OZA



가

- (1) "odi.odiname.parametername"
- (2) "odi.parametername"
- (3) OZA

- odi.fetchtype, odi.odiname.fetchtype

	가
	: "odi.[<i>odiname</i> .]fetchunit" "dm_per_dataset"
	"odi.[<i>odiname</i> .]fetchtype"
Definition	"dm_concurrent_fetch"
	, "odi.[<i>odiname</i> .]fetchunit"
	"dm_per_datamodule"
	"odi.[<i>odiname</i> .]fetchtype"
	"dm_concurrent_fetch" "dm_batch_fetch"
	.
Value	<i>dm_concurrent_fetch</i> ()
	<i>dm_batch_fetch</i>
Example	<param name="odi.fetchtype" value="dm_concurrent_fetch">

- odi.fetchunit, odi.odiname.fetchunit

Definition	.
	<i>dm_per_dataset</i> , ODI 가
	()
Value	, ODI . ODI
	<i>dm_per_datamodule</i> ODI 가
Example	<param name="odi.fetchunit" value="dm_per_dataset">

- odi.clientdmtype, odi.odiname.clientdmtype

Definition	.
	<i>dm_client_use_memory</i>
	()
Value	<i>dm_client_use_file</i>
	<i>dm_client_use_normal</i>
Example	<param name="odi.clientdmtype" value="dm_client_use_memory">

- odi.serverdmttype, odi.odiname.serverdmttype

Definition	가
	.
Value	<i>dm_server_use_memory</i> ()
	<i>dm_server_use_file</i>
Example	<param name="odi.serverdmttype" value="dm_server_use_memory">

- odi.compresseddatamodule, odi.odiname.compresseddatamodule

Definition			
Value	<i>true</i>	(	)
	<i>false</i>		
Example	<param name="odi.compresseddatamodule" value="true">		

- odi.scheduleddata, odi.odiname.scheduleddata

		SDM	
		SDM	. SDM
	"datamodule_path"	(/	/SDM
Definition	)	.	
	: "odi.[<i>odiname</i>].scheduleddata"		
	가		
	,"		
	"odi.disconnectcache"		
	.		
Example	<param name="odi.scheduleddata" value="Customer.sdm">		

- odi.sdmpath, odi.odiname.sdmpath

		SDM	
	SDM		. SDM
	OZURL HTTP		.
Definition	: "odi.[<i>odiname</i>].sdmpath"		
	가		
	,"		
	"odi.disconnectcache"		
	.		

Example <param name="odi.sdmpath" value="ozp:///sdm
files/Customr.sdm">

- odi.disconnectcache, odi.odiname.disconnectcache

SDM	
Definition	가
Value	<i>true</i> <i>false</i> ()
Example	<param name="odi.disconnectcache" value="true">

: "odi.[*odiname*.]disconnectcache/scheduleddata/sdmpath"
"odi.[*odiname*.]fetchunit" "dm_per_datamodule"

"odi.[*odiname*.]disconnectcache/scheduleddata/sdmpath"

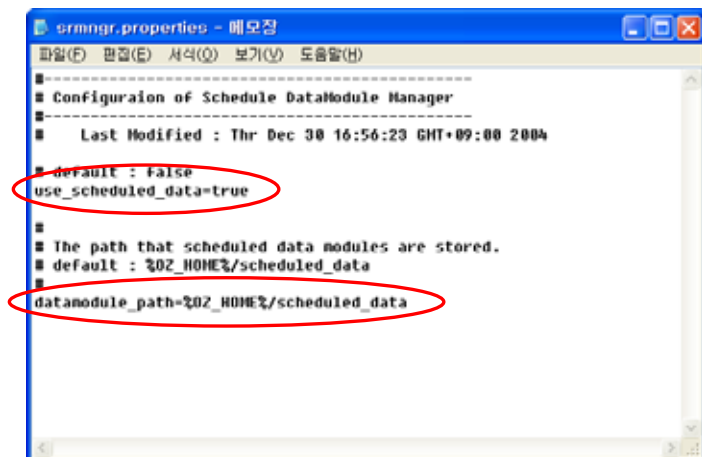
scheduleddata

가 , SDM 가

"srmngr.properties"

"use_scheduled_data"가 "true"

"datamodule_path"가



- odi.refreshbyozparam, odi.odiname.refreshbyozparam

	ODI	가
	가	
Definition	: "odi.[<i>odiname.</i>]refreshbyozparam" "odi.[<i>odi names.</i>]fetchunit" "dm_per_dataset"	
Value	<i>true</i>	가
	<i>false</i>	가 ()
Example	<param name="odi.refreshbyozparam" value="true">	

- odi.ozserver.server, odi.odiname.ozserver.server

	가	가	가
	IP	.	가
	가	.	
Definition	: USL		,
	가	USL	
	ODI	USL	,
			.
Example	<param name="odi.ozserver.server" value="127.0.0.1">		

- odi.ozserver.port, odi.odiname.ozserver.port

	가	가	가
Definition		.	가
	가	.	
Example	<param name="odi.ozserver.port" value="8003">		

- odi.ozserver.servlet, odi.odiname.ozserver.servlet

	가	가	가
	가	.	가
	가	.	
Definition	: USL		,
	가	USL	ODI
		, USL	
			.
Example	<param name="odi.ozserver.servlet" value="http://127.0.0.1:8080/ozservlet/server">		

- odi.ozserver.user, odi.odiname.ozserver.user

Definition	가	ID	.	가
		가		.
Example	<param name="odi.ozserver.user" value="admin">			

- odi.ozserver.pass, oid.odiname.ozserver.pass

Definition	.	가	ID	가
				.
Example	<param name="odi.ozserver.pass" value="admin">			

- odi.odinames

Definition	ODI	OZA ODI	ODI	','
		: FXDataModule		"_OZGlobal_"
		"_OZData_"		.
Example	OZA	가	ODI	"Foodmart.odi",
	"CustomerInfo.odi"	,	FXDataModule	"_OZGlobal_",
	"_OZData_"			
	<param name="odi.odinames" value="Foodmart, CustomerInfo, _OZGlobal_, _OZData_">			

- odi.odiname.pcount

Definition	"odi.odiname"	ODI	가
	ODI		.
Example	<param name="odi.Foodmart.pcount" value="2">		
	<param name="odi._OZGlobal_.pcount" value="1">		
	<param name="odi._OZData_.pcount" value="1">		

- odi.odiname.args#

Definition	"#" 1 "odi.odiname.pcount" 가
Example	" = " <param name="odi.Foodmart.args1" value="City=Seoul"> <param name="odi.Foodmart.args2" value="Country=Korea"> <param name="odi._OZGlobal_.args1" value="Gender=F"> <param name="odi._OZData_.args1" value="StoreID=2">

(ozadoc, application)

■ ozadoc.parametername

, OZA , .

- ozadoc.path

		OZA	
Definition	. OZA		.
Example	OZA	/test/test1.oz	a
		<param name="ozadoc.path" value="/test/test1.oz">	

- ozadoc.force_initboard

		OZA	가	가	
Definition				OZA	Document
		"StartUpBoard"			
Example		<param name="ozadoc.force_initboard" value="Board2">			

- ozadoc.autoadjustsize

		EXE	가	Board
Definition		가	Board	EXE
		Board		
Value	true	EXE	가	Board
		: ActiveX		
		ActiveX		
		100%		
		. (width =		
		"100%" height = "100%")		
		false	EXE	
		Board	()	
Example		<param name="ozadoc.autoadjustsize" value="true">		

- ozadoc.errorMessage_type

Definition	OZA		
	.		
	<i>MessageBox</i>	가	,
		()	
Value	<i>Trace</i>	:	<Ctrl> + <Shift> + <Z>
	.		
	<i>Ignore</i>	가	,
	<i>TraceNMessageBox</i>	,	가
Example	<param name="ozadoc.errorMessage_type" value="MessageBox">		

- ozadoc.splash_image

Definition	EXE		
	가		
	.		
	OZURL		
Example	HTTP		
	.		
Example	<param name="ozadoc.splash_image"		
	value="ozp:///images/main.jpg">		

- ozadoc.isframe

Definition	ActiveX		
	가		
	EXE		
	.		
Value	<i>true</i>	:	"ozadoc.frame_classname"
	.		

<i>false</i>	EXE	()
	ActiveX	가 EXE
<i>inprocess</i>	:	AcitveX EXE
		, EXE
		ActiveX

Example <param name="ozadoc.isiframe" value="true">

- ozadoc.killprocess

	ActiveX	가
Definition	EXE	.
	:	"ozadoc.killprocess" "ozadoc.isiframe" "true"
		.
	<i>true</i>	, EXE
Value	<i>false</i>	, EXE
		()
Example	<param name="ozadoc.killprocess" value="true">	

- ozadoc.frame_classname

	EXE	.
Definition	,	EXE
	.	
Example	<param name="ozadoc.frame_classname" value="myClass1">	

- ozadoc.main_title

Definition	.
Example	<param name="ozadoc.main_title" value="Welcome">

- ozadoc.main_frameicon

	HTTP	.	OZURL
Definition	:	"ozadoc.main_frameicon"	"null"
	.		

Example	<param name="ozadoc.main_frameicon" value="ozp:///images/main.ico">
----------------	--

- ozadoc.main_frameicon_mask

Definition	RGB
-------------------	-----

Example	<param name="ozadoc.main_frameicon_mask" value="255,255,255">
----------------	---

- ozadoc.main_position

	EXE	가
Definition	EXE : 가 <i>maximize</i> <i>center</i> 가	
Value	<i>x, y</i> (:) <i>x, y, width, height</i> :)	<i>x, y</i> <i>x, y</i> , (
Example	가 30 , 50 200 ozadoc.main_position=30,50,100,200	100 ,

- ozadoc.bareserver_log

	EXE	가
Definition	. Console.txt 가	Console.txt
Value	<i>true</i> Console.txt <i>false</i> Console.txt	()
Example	ozadoc.bareserver_log=true	

- ozadoc.script_debug

	<pre> : "OZAVIEWER.DLL" "ScriptDebugger.dll", "/res/sd_ _ 가 .dll" , OZA Document "AllowExternalAccess" "True" </pre>
Definition	
Value	<pre> true false () </pre>
Example	<pre> <param name="ozadoc.script_debug" value="false"> </pre>
- ozadoc.pcount	
Definition	
Example	<pre> <param name="ozadoc.pcount" value="2"> </pre>
- ozadoc.args#	
	<pre> "#" , "ozadoc.pcount " 가 1 </pre>
Definition	<pre> " = " : ozadoc.args# _GetGlobal(" "); _GetGlobalArray(); 가 </pre>
Example	<pre> <param name="ozadoc.args1" value="ID=abc"> <param name="ozadoc.args2" value="PW=a1234"> </pre>
- ozadoc.background_color	
Definition	<pre> RGB (,) </pre>
Example	<pre> <param name="ozadoc.background_color" value="0,255,255"> </pre>
- ozadoc.lockconsole	
Definition	<pre> <Ctrl+Shift+Z> </pre>

Value	<i>true</i>
	<i>false</i> ()
Example	<param name="ozadoc.lockconsole" value="true">

- ozadoc.usewaitwindow

Definition	Wait	Wait
Value	<i>true</i> Wait	Wait
	<i>false</i> Wait	Wait
Example	<pre><param name="ozadoc.usewaitwindow" value="true"></pre>	

- ozadoc.xp theme

	CheckBox, CheckListBox, ComboBox, DateTimePicker, ListBox, ListView, MonthCalendar, NumericUpDown, ProgressBar, RadioButton, TabControl, TextBox, TreeView XP			
Definition	- PC OS가 XP - TabControl TabAlignment "Top" XP, TabPanel - TabTitleBackColor 가 - TabTitleBackColor			
Value	<i>true</i>	XP		
	<i>false</i>	XP	()	
Example	<param name="ozadoc.xp_theme" value="true">			

- `application.parametername`

- application.namespace

	PC	가
		ActiveX
Definition	"install.namespace" (OZAVIEWEROCX.ocx)	. "application.namespace" ActiveX "bin" 가
Example	<param name="application.namespace" value="F00D2005\bin">	

EXE

•

-

<body> </body>

```
<param name="          " value="  ">
```

"OZAViewer.exe"

$$=$$

-

- `ozadoc.path`

- EXE ()
 - repository_agent.local.root_path
 - ozadoc.path



- ActiveX ()


```
<param name="repository_agent.type" value="FROM_OZSERVER">
<param name="repository_agent.ozserver.servlet"
      value="http://127.0.0.1:8080/ozservlet/server">
<param name="application.namespace" value="F00D2005\bin">
<param name="ozadoc.path" value="Customer.oz">
```

- EXE ()


```
repository_agent.local.root_path=c:/Repository
ozadoc.path=Customer.oz
```



;; 가

, "ozadoc.force_initboard"

- ActiveX


```
<param name=";ozadoc.force_initboard" value="Board2">
```

- EXE


```
;ozadoc.force_initboard=Board2
```




● EXE
● ActiveX

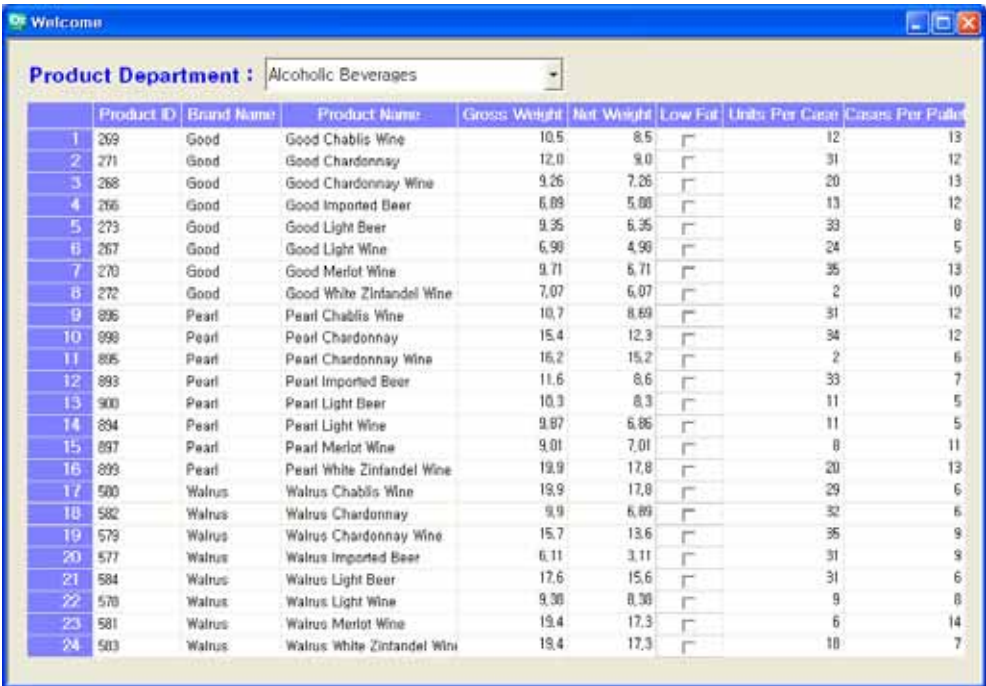
EXE

EXE

EXE EXE "OZAVIEWER.EXE"

EXE "OZAVIEWER.EXE" "PARAM.OZ"

EXE



The screenshot shows a window titled "Welcome" with a dropdown menu set to "Product Department : Alcoholic Beverages". Below the menu is a table with 10 columns: Product ID, Brand Name, Product Name, Gross Weight, Net Weight, Low Fat, Units Per Case, and Cases Per Pallet. The table lists 24 products, including various wines and beers from brands like Good, Pearl, and Walrus.

	Product ID	Brand Name	Product Name	Gross Weight	Net Weight	Low Fat	Units Per Case	Cases Per Pallet
1	269	Good	Good Chablis Wine	10.5	8.5		12	13
2	271	Good	Good Chardonnay	12.0	9.0		31	12
3	268	Good	Good Chardonnay Wine	9.26	7.26		20	13
4	266	Good	Good Imported Beer	6.89	5.89		13	12
5	273	Good	Good Light Beer	9.35	6.35		33	8
6	267	Good	Good Light Wine	6.99	4.99		24	5
7	270	Good	Good Merlot Wine	9.71	6.71		35	13
8	272	Good	Good White Zinfandel Wine	7.07	6.07		2	10
9	896	Pearl	Pearl Chablis Wine	10.7	8.69		31	12
10	999	Pearl	Pearl Chardonnay	15.4	12.3		34	12
11	895	Pearl	Pearl Chardonnay Wine	15.2	15.2		2	6
12	893	Pearl	Pearl Imported Beer	11.6	8.6		33	7
13	900	Pearl	Pearl Light Beer	10.3	8.3		11	5
14	894	Pearl	Pearl Light Wine	9.87	6.86		11	5
15	897	Pearl	Pearl Merlot Wine	9.01	7.01		8	11
16	899	Pearl	Pearl White Zinfandel Wine	19.9	17.8		20	13
17	500	Walrus	Walrus Chablis Wine	19.9	17.8		29	6
18	582	Walrus	Walrus Chardonnay	9.9	6.89		32	6
19	579	Walrus	Walrus Chardonnay Wine	15.7	13.6		35	9
20	577	Walrus	Walrus Imported Beer	6.11	3.11		31	9
21	584	Walrus	Walrus Light Beer	17.6	15.6		31	6
22	578	Walrus	Walrus Light Wine	9.38	8.38		9	8
23	581	Walrus	Walrus Merlot Wine	19.4	17.3		6	14
24	503	Walrus	Walrus White Zinfandel Wine	19.4	17.3		18	7

ActiveX

ActiveX
가 , PC ActiveX
가

```
<script LANGUAGE="Javascript">
  var tag = '<OBJECT id = "OZApplicationViewer" CLASSID="CLSID:907A00F3-7390-
4EF2-931B-360546587804" width="100%" height="100%"></OBJECT>';
  var paramTag = new Array();
  paramTag[paramTag.length] = '<param name="repository_agent.type"
value="FROM_OZSERVER">';
  paramTag[paramTag.length] = '<param name="repository_agent.ozserver.server"
value="127.0.0.1">';
  paramTag[paramTag.length] = '<param name="repository_agent.ozserver.port"
value="8003">';
  paramTag[paramTag.length] = '<param name="ozadoc.path" value="Customer.oz">';
  paramTag[paramTag.length] = '<param name="application.namespace"
value="Food2005\bin">';
  oz_activex_build(OZEmbedControlLocation, tag, paramTag);
</script>
```

```

: ID
ID   ActiveX
ID   가
HTML   ActiveX   ID   OZA
ActiveX
"OZApplicationViewer"   HTML   OZA
```

Board TextBox

```
OZApplicationViewer.Document._GetBoard('Board1').GetChild('TextBox1').Text = 'Hello';
```

ActiveX



-
- OZA, ODI
- HTML HTML

■ HTML

- HTML

```
<html>
<head>
<title>OZ Application Sample</title>
  <script src="oz_activex.js"></script>
</head>
<body>
  <div id="OZEmbedControlLocation">
    <script id="ZTransferX" src="ztransferx.js"></script>
    <script LANGUAGE="Javascript">
      var tag = '<OBJECT id = "OZApplicationViewer" CLASSID="CLSID:907A00F3-7390-4EF2-931B-360546587804" width="100%" height="100%"></OBJECT>';
      var paramTag = new Array();
      paramTag[paramTag.length] = '<param name="repository_agent.type" value="FROM_OZSERVER">';
      paramTag[paramTag.length] = '<param name="repository_agent.ozserver.server" value="127.0.0.1">';
      paramTag[paramTag.length] = '<param name="repository_agent.ozserver.port" value="8003">';
      paramTag[paramTag.length] = '<param name="ozadoc.path" value="Customer.oz">';
      paramTag[paramTag.length] = '<param name="application.namespace'
```

```
value="Food2005\bin">';
    oz_activex_build(OZEmbedControlLocation, tag, paramTag);
</script>
</div>
</body>
</html>
```

- ztransferx.js

```
var ZTransferXObjectElement = document.createElement('<OBJECT width = "0"
height = "0" ID="ZTransferX" CLASSID="CLSID:C7C7225A-9476-47AC-B0B0-
FF3B79D55E67"
codebase="http://127.0.0.1/OZApplicationViewer/ZTransferX.cab#version=2,1,0
,3"></OBJECT>');
var ZTransferXParamElement1 = document.createElement('<PARAM
NAME="download.Server" VALUE="http://127.0.0.1/OZApplicationViewer/">');
var ZTransferXParamElement2 = document.createElement('<PARAM
NAME="download.Port" VALUE="80">');
var ZTransferXParamElement3 = document.createElement('<PARAM
NAME="download.Instruction" VALUE="ozviewer.idf">');
var ZTransferXParamElement4 = document.createElement('<PARAM
NAME="install.Base" VALUE="<PROGRAMS>/Forcs">');
var ZTransferXParamElement5 = document.createElement('<PARAM
NAME="install.Namespace" VALUE="Food2005">');

ZTransferXObjectElement.appendChild(ZTransferXParamElement1);
ZTransferXObjectElement.appendChild(ZTransferXParamElement2);
ZTransferXObjectElement.appendChild(ZTransferXParamElement3);
ZTransferXObjectElement.appendChild(ZTransferXParamElement4);
ZTransferXObjectElement.appendChild(ZTransferXParamElement5);

OZEmbedControlLocation.appendChild(ZTransferXObjectElement);
```

- oz_activex.js

```
function oz_activex_build(parent, tag, paramTag){
    var OZViewerObjectElement = document.createElement(tag);
    for(var i = 0 ; i < paramTag.length; i++){
        var OZViewerParamElement = document.createElement(paramTag[i]);
        OZViewerObjectElement.appendChild(OZViewerParamElement);
    }
    parent.appendChild(OZViewerObjectElement);
}
```

가 HTML

OZ Application Sample - Microsoft Internet Explorer

파일(F) 편집(E) 보기(V) 출력(C) 도구(T) 도움말(H)

뒤로 앞으로 중지 새로고침 검색 즐겨찾기

주소 http://127.0.0.1/OZApplicationViewer/Grid.html

Product Department : Alcoholic Beverages

	Product ID	Brand Name	Product Name	Gross Weight	Net Weight	Low Fat	Units Per Case	Cases Per Pallet
1	269	Good	Good Chablis Wine	10.5	8.5		12	13
2	271	Good	Good Chardonnay	12.0	9.0		31	12
3	268	Good	Good Chardonnay Wine	9.26	7.26		20	13
4	266	Good	Good Imported Beer	6.89	5.88		13	12
5	273	Good	Good Light Beer	9.35	6.35		33	8
6	267	Good	Good Light Wine	6.98	4.98		24	5
7	270	Good	Good Merlot Wine	9.71	6.71		35	13
8	272	Good	Good White Zinfandel Wine	7.07	6.07		2	10
9	896	Pearl	Pearl Chablis Wine	10.7	8.69		31	12
10	898	Pearl	Pearl Chardonnay	15.4	12.3		34	12
11	895	Pearl	Pearl Chardonnay Wine	16.2	15.2		2	6
12	893	Pearl	Pearl Imported Beer	11.6	8.6		33	7
13	900	Pearl	Pearl Light Beer	10.3	8.3		11	5
14	894	Pearl	Pearl Light Wine	9.87	6.86		11	5
15	897	Pearl	Pearl Merlot Wine	9.01	7.01		8	11
16	899	Pearl	Pearl White Zinfandel Wine	19.9	17.8		20	13
17	580	Walrus	Walrus Chablis Wine	19.9	17.8		29	6
18	582	Walrus	Walrus Chardonnay	9.9	6.89		32	6
19	579	Walrus	Walrus Chardonnay Wine	15.7	13.6		35	9
20	577	Walrus	Walrus Imported Beer	6.11	3.11		31	9
21	584	Walrus	Walrus Light Beer	17.6	15.6		31	6
22	578	Walrus	Walrus Light Wine	9.38	8.38		9	8
23	581	Walrus	Walrus Merlot Wine	19.4	17.3		6	14
24	583	Walrus	Walrus White Zinfandel Wine	19.4	17.3		18	7

한글 인터넷

Appendix 1.

가

가 .

가 ISO .

가	Display Name	ISO 639x Value
af_ZA	Afrikaans - South Africa	AFK
sq_AL	Albanian - Albania	SQI
ar_DZ	Arabic - Algeria	ARG
ar_BH	Arabic - Bahrain	ARH
ar_EG	Arabic - Egypt	ARE
ar_IQ	Arabic - Iraq	ARI
ar_JO	Arabic - Jordan	ARJ
ar_KW	Arabic - Kuwait	ARK
ar_LB	Arabic - Lebanon	ARB
ar_LY	Arabic - Libya	ARL
ar_MA	Arabic - Morocco	ARM
ar_OM	Arabic - Oman	ARO
ar_QA	Arabic - Qatar	ARQ
ar_SA	Arabic - Saudi Arabia	ARA
ar_SY	Arabic - Syria	ARS
ar_TN	Arabic - Tunisia	ART
ar_AE	Arabic - United Arab Emirates	ARU
ar_YE	Arabic - Yemen	ARY
hy_AM	Armenian - Armenia	
eu_ES	Basque - Basque	EUQ
be_BY	Belarusian - Belarus	BEL
bg_BG	Bulgarian - Bulgaria	BGR
ca_ES	Catalan - Catalan	CAT
zh_CN	Chinese - China	CHS
zh_HK	Chinese - Hong Kong SAR	ZHH
zh_MO	Chinese - Macau SAR	
zh_SG	Chinese - Singapore	ZHI

_ 가	Display Name	ISO 639x Value
zh_TW	Chinese - Taiwan	CHT
zh_CHS	Chinese (Simplified)	
zh_CHT	Chinese (Traditional)	
hr_HR	Croatian - Croatia	HRV
cs_CZ	Czech - Czech Republic	CSY
da_DK	Danish - Denmark	DAN
div_MV	Dhivehi - Maldives	
nl_BE	Dutch - Belgium	NLB
nl_NL	Dutch - The Netherlands	
en_AU	English - Australia	ENA
en_BZ	English - Belize	ENL
en_CA	English - Canada	ENC
en_CB	English - Caribbean	
en_IE	English - Ireland	ENI
en_JM	English - Jamaica	ENJ
en_NZ	English - New Zealand	ENZ
en_PH	English - Philippines	
en_ZA	English - South Africa	ENS
en_TT	English - Trinidad and Tobago	ENT
en_GB	English - United Kingdom	ENG
en_US	English - United States	ENU
en_ZW	English - Zimbabwe	
et_EE	Estonian - Estonia	ETI
fo_FO	Faroese - Faroe Islands	FOS
fa_IR	Farsi - Iran	FAR
fi_FI	Finnish - Finland	FIN
fr_BE	French - Belgium	FRB
fr_CA	French - Canada	FRC
fr_FR	French - France	

_ 가	Display Name	ISO 639x Value
fr_LU	French - Luxembourg	FRL
fr_MC	French - Monaco	
fr_CH	French - Switzerland	FRS
gl_ES	Galician - Galician	
ka_GE	Georgian - Georgia	
de_AT	German - Austria	DEA
de_DE	German - Germany	
de_LI	German - Liechtenstein	DEC
de_LU	German - Luxembourg	DEL
de_CH	German - Switzerland	DES
el_GR	Greek - Greece	ELL
gu_IN	Gujarati - India	
he_IL	Hebrew - Israel	HEB
hi_IN	Hindi - India	HIN
hu_HU	Hungarian - Hungary	HUN
is_IS	Icelandic - Iceland	ISL
id_ID	Indonesian - Indonesia	
it_IT	Italian - Italy	
it_CH	Italian - Switzerland	ITS
ja_JP	Japanese - Japan	JPN
kn_IN	Kannada - India	
kk_KZ	Kazakh - Kazakhstan	
kok_IN	Konkani - India	
ko_KR	Korean - Korea	KOR
ky_KZ	Kyrgyz - Kazakhstan	
lv_LV	Latvian - Latvia	LVI
lt_LT	Lithuanian - Lithuania	LTH
mk_MK	Macedonian (FYROM)	MKD
ms_BN	Malay - Brunei	

가	Display Name	ISO 639x Value
ms_MY	Malay - Malaysia	
mr_IN	Marathi - India	
mn_MN	Mongolian - Mongolia	
nb_NO	Norwegian (Bokmål) - Norway	
nn_NO	Norwegian (Nynorsk) - Norway	
pl_PL	Polish - Poland	PLK
pt_BR	Portuguese - Brazil	PTB
pt_PT	Portuguese - Portugal	
pa_IN	Punjabi - India	
ro_RO	Romanian - Romania	ROM
ru_RU	Russian - Russia	RUS
sa_IN	Sanskrit - India	
sk_SK	Slovak - Slovakia	SKY
sl_SI	Slovenian - Slovenia	SLV
es_AR	Spanish - Argentina	ESS
es_BO	Spanish - Bolivia	ESB
es_CL	Spanish - Chile	ESL
es_CO	Spanish - Colombia	ESO
es_CR	Spanish - Costa Rica	ESC
es_DO	Spanish - Dominican Republic	ESD
es_EC	Spanish - Ecuador	ESF
es_SV	Spanish - El Salvador	ESE
es_GT	Spanish - Guatemala	ESG
es_HN	Spanish - Honduras	ESH
es_MX	Spanish - Mexico	ESM
es_NI	Spanish - Nicaragua	ESI
es_PA	Spanish - Panama	ESA
es_PY	Spanish - Paraguay	ESZ
es_PE	Spanish - Peru	ESR

_ 가	Display Name	ISO 639x Value
es_PR	Spanish - Puerto Rico	ES
es_ES	Spanish - Spain	
es_UY	Spanish - Uruguay	ESY
es_VE	Spanish - Venezuela	ESV
sw_KE	Swahili - Kenya	
sv_FI	Swedish - Finland	SVF
sv_SE	Swedish - Sweden	
syr_SY	Syriac - Syria	
ta_IN	Tamil - India	
tt_RU	Tatar - Russia	
te_IN	Telugu - India	
th_TH	Thai - Thailand	THA
tr_TR	Turkish - Turkey	TRK
uk_UA	Ukrainian - Ukraine	UKR
ur_PK	Urdu - Pakistan	URD
vi_VN	Vietnamese - Vietnam	VIT

Appendix 2.

● Visual Basic .NET

● C# .NET

Visual Basic .NET

Visual Basic 가 ,
가 "Open_FromString()"

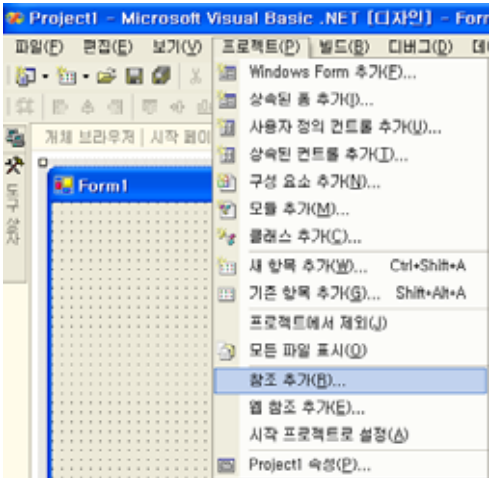
"Open_FromString()"

```
OZViewerOCX1.Open_FromString(string Parameter)  
,  
(string Parameter)  
OZA .
```

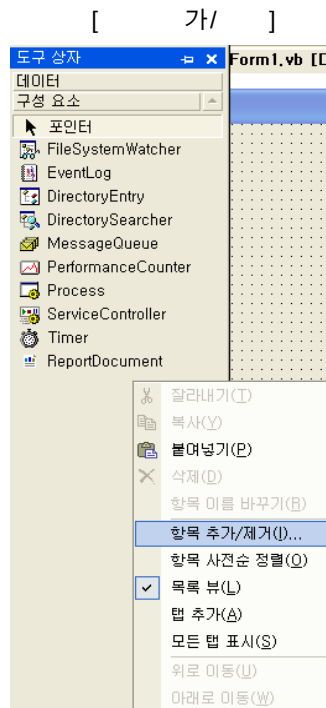
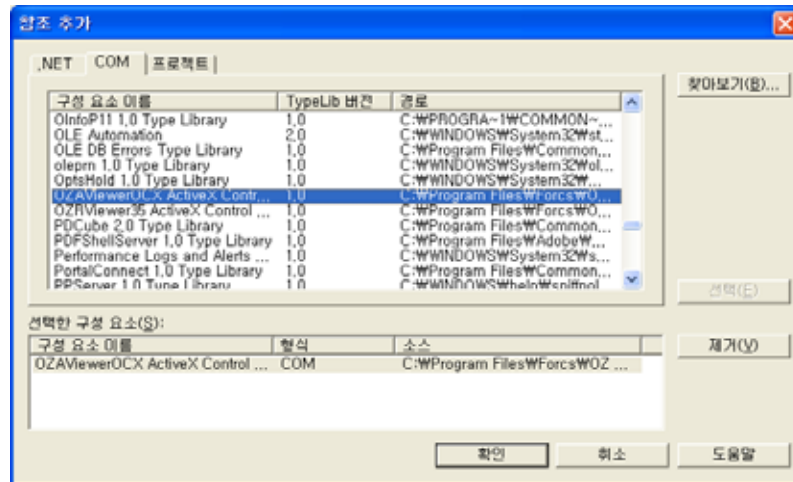
Visual Basic , OZA .

Step 1

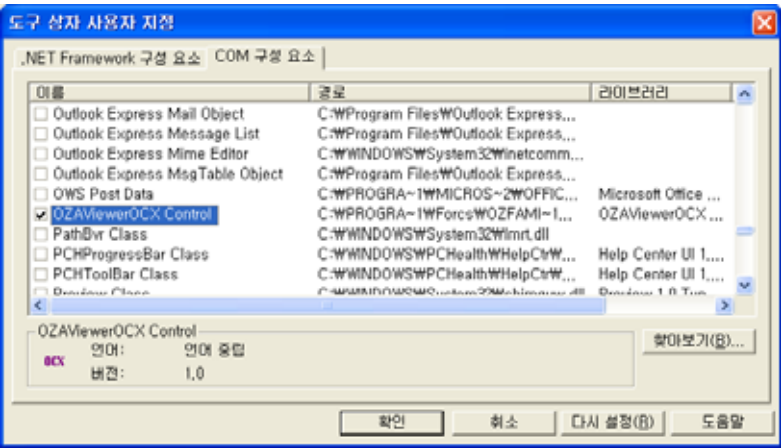
Visual Basic 가
Visual Basic [] → [가]



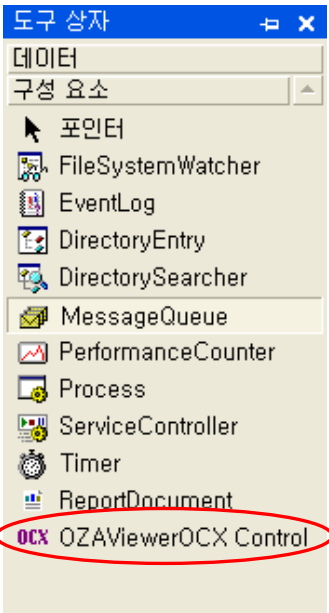
가 [COM]
"OZViewerOCX ActiveX Control Module" 가 []



[COM]
"OZViewer OCX Control" []



가



Step 2

"OZViewerOCX Control" 가 , "Open_FromString"

OZA

& 가 .

Step 3

[] → []

가

Form1

Product Department : Alcoholic Beverages

	Product ID	Brand Name	Product Name	Gross Weight	Net Weight	Low Fat	Units Per Case	Cases Per Pallet
1	269	Good	Good Chablis Wine	10.5	8.5	☐	12	13
2	271	Good	Good Chardonnay	12.0	9.0	☐	31	12
3	268	Good	Good Chardonnay Wine	9.26	7.26	☐	20	13
4	266	Good	Good Imported Beer	6.89	5.88	☐	13	12
5	273	Good	Good Light Beer	9.35	6.35	☐	33	8
6	267	Good	Good Light Wine	6.98	4.98	☐	24	5
7	270	Good	Good Merlot Wine	9.71	6.71	☐	35	13
8	272	Good	Good White Zinfandel Wine	7.07	6.07	☐	2	10
9	896	Pearl	Pearl Chablis Wine	10.7	8.69	☐	31	12
10	898	Pearl	Pearl Chardonnay	15.4	12.3	☐	34	12
11	895	Pearl	Pearl Chardonnay Wine	16.2	15.2	☐	2	6
12	893	Pearl	Pearl Imported Beer	11.6	8.6	☐	33	7
13	900	Pearl	Pearl Light Beer	10.3	8.3	☐	11	5
14	894	Pearl	Pearl Light Wine	9.87	6.86	☐	11	5
15	897	Pearl	Pearl Merlot Wine	9.01	7.01	☐	8	11
16	899	Pearl	Pearl White Zinfandel Wine	19.9	17.8	☐	20	13
17	580	Walrus	Walrus Chablis Wine	19.9	17.8	☐	29	6
18	582	Walrus	Walrus Chardonnay	9.9	8.89	☐	32	6
19	579	Walrus	Walrus Chardonnay Wine	15.7	13.6	☐	35	9
20	577	Walrus	Walrus Imported Beer	6.11	3.11	☐	31	9
21	584	Walrus	Walrus Light Beer	17.5	15.6	☐	31	6
22	578	Walrus	Walrus Light Wine	9.38	8.38	☐	9	8
23	581	Walrus	Walrus Merlot Wine	19.4	17.3	☐	6	14
24	583	Walrus	Walrus White Zinfandel Wine	19.4	17.3	☐	18	7

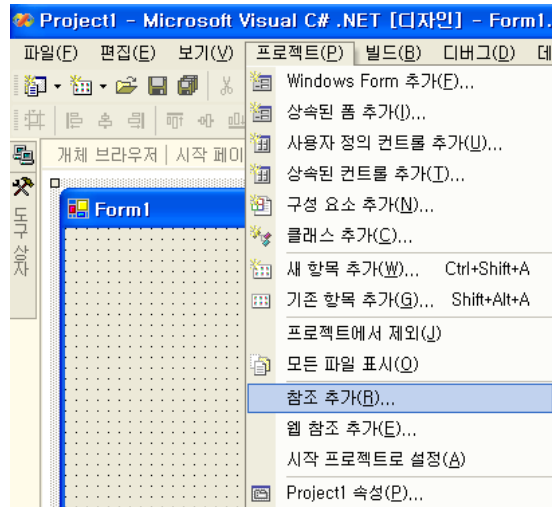
C# .NET

C# COM 가 ,
 가 "Open_FromString()" .
 "Open_FromString()" .
 OZViewerOCX1.Open_FromString(string Parameter)
 , , (string Parameter)
 OZA .

C# , OZA .

Step 1

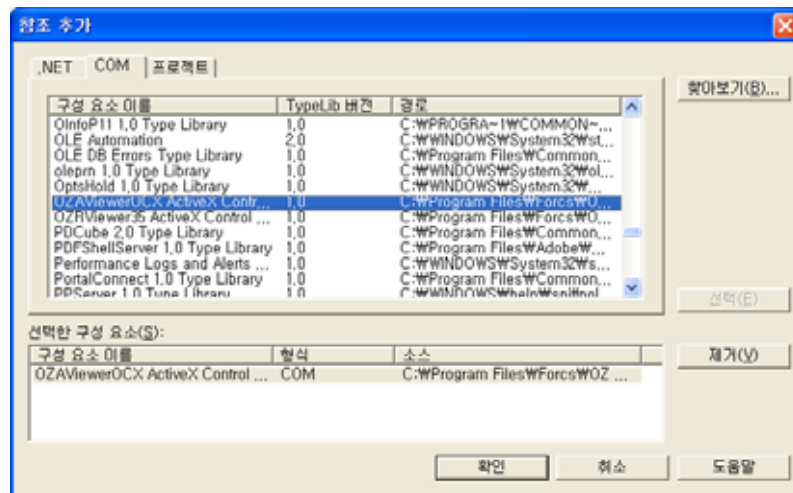
C# [] → [가] .



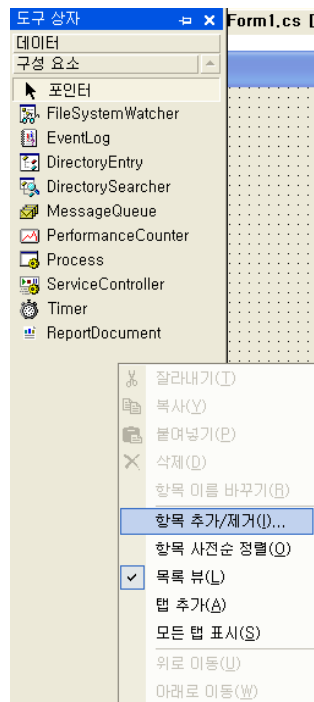
가 [COM]

"OZViewerOCX ActiveX Control Module"

가 []

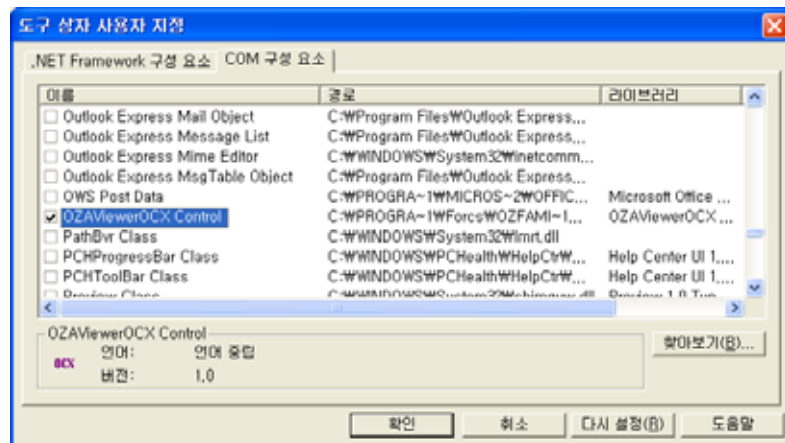


[가/]

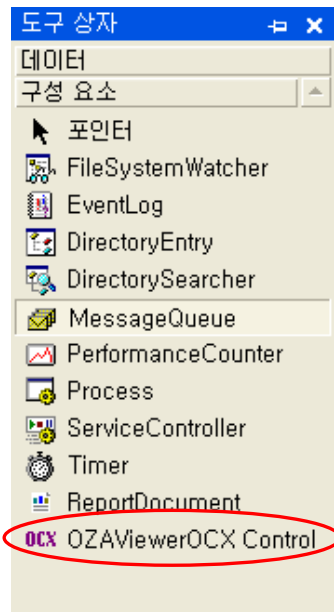


[COM]

"OZViewer OCX Control" []



가



Step 2

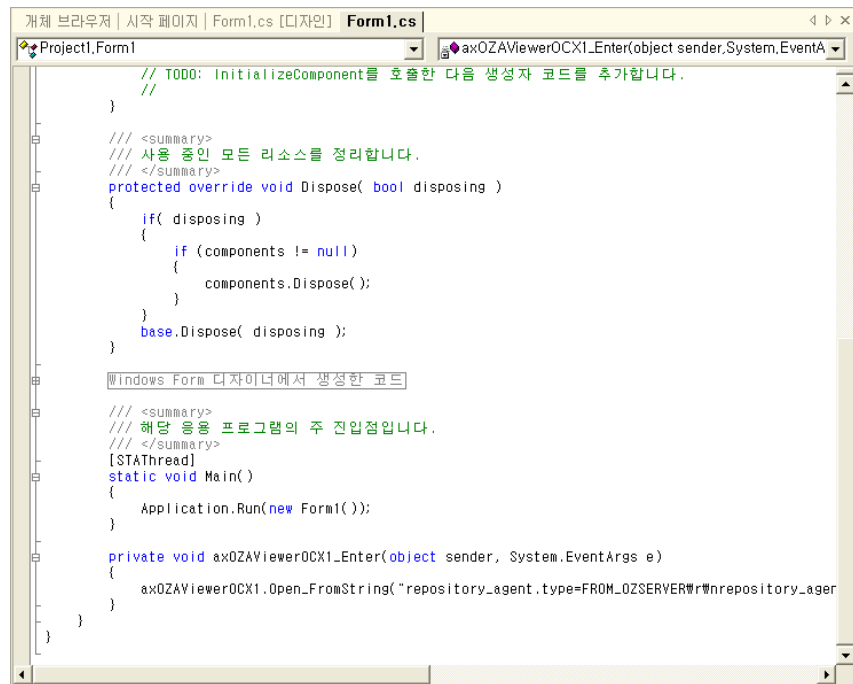
"OZViewerOCX Control" 가 , "Open_FromString"
OZA .

& 가 .



"Project1.Form1" "axOZViewerOCX1_Enter"
. ("Open_FromString" OZA

, ODI .)

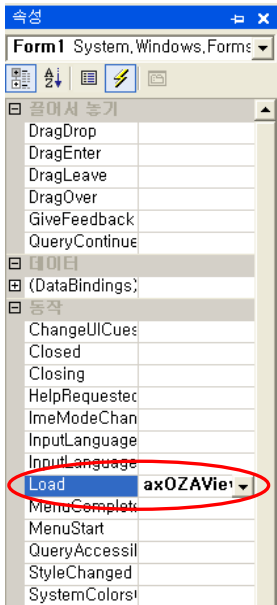


```

axOZAViewerOCX1.Open_FromString("repository_agent.type=FROM_OZSERVE
R\nrepository_agent.ozserver.server=127.0.0.1\nrepository_agent.ozs
erver.port=8003\nnozadoc.path=Grid.oga\napplication.namespace=Food20
05\bin");
    
```

[] "Load" "axOZAViewerOCX1_Enter"

.

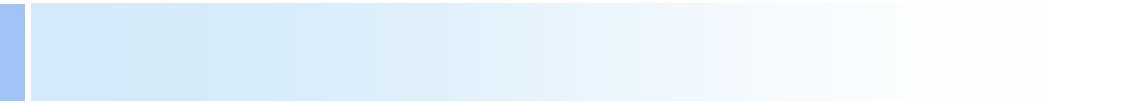


Step 3 [] → [] 가

The screenshot shows the 'Form1' application window. At the top, there is a dropdown menu labeled 'Product Department' with 'Alcoholic Beverages' selected. Below this is a table with the following columns: Product ID, Brand Name, Product Name, Gross Weight, Net Weight, Low Fat, Units Per Case, and Cases Per Pallet. The table contains 24 rows of data.

	Product ID	Brand Name	Product Name	Gross Weight	Net Weight	Low Fat	Units Per Case	Cases Per Pallet
1	369	Good	Good Chablis Wine	10.5	8.5	☐	12	13
2	271	Good	Good Chardonnay	12.9	9.0	☐	31	12
3	258	Good	Good Chardonnay Wine	9.25	7.25	☐	20	13
4	256	Good	Good Imported Beer	6.89	5.88	☐	13	12
5	273	Good	Good Light Beer	9.35	6.35	☐	39	8
6	257	Good	Good Light Wine	6.98	4.98	☐	24	5
7	270	Good	Good Merlot Wine	9.71	6.71	☐	35	13
8	272	Good	Good White Zinfandel Wine	7.87	6.07	☐	2	10
9	896	Pearl	Pearl Chablis Wine	10.7	8.69	☐	31	12
10	898	Pearl	Pearl Chardonnay	15.4	12.3	☐	34	12
11	895	Pearl	Pearl Chardonnay Wine	16.2	15.2	☐	2	6
12	893	Pearl	Pearl Imported Beer	11.6	8.6	☐	33	7
13	900	Pearl	Pearl Light Beer	10.3	8.3	☐	11	5
14	894	Pearl	Pearl Light Wine	9.87	6.86	☐	11	5
15	897	Pearl	Pearl Merlot Wine	9.01	7.01	☐	8	11
16	899	Pearl	Pearl White Zinfandel Wine	15.9	12.8	☐	20	13
17	500	Walrus	Walrus Chablis Wine	19.9	17.8	☐	29	6
18	582	Walrus	Walrus Chardonnay	9.9	6.89	☐	32	6
19	579	Walrus	Walrus Chardonnay Wine	15.7	13.6	☐	35	9
20	577	Walrus	Walrus Imported Beer	6.11	3.11	☐	31	9
21	584	Walrus	Walrus Light Beer	17.6	15.6	☐	31	6
22	578	Walrus	Walrus Light Wine	8.38	8.38	☐	9	8
23	581	Walrus	Walrus Merlot Wine	19.4	17.3	☐	6	14
24	583	Walrus	Walrus White Zinfandel Wine	19.4	17.3	☐	18	7

Appendix 3.



OCX

가

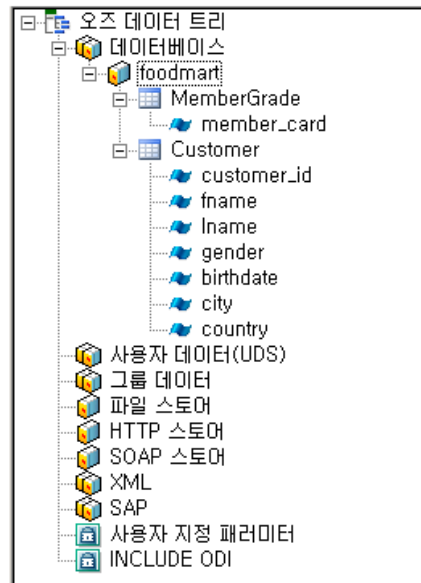
```
ViewerObjectID.Document._GetBoard(' ').GetChild(' ')
```

: ViewerObjectID OBJECT ID

```
<script LANGUAGE="Javascript">
  var tag='<OBJECT id="OZApplicationViewer" CLASSID="CLSID:907A00F3-
7390-4EF2-931B-360546587804" width="100%" height="100%"></OBJECT>';
  ...
</script>
```



➤ ODI



가 "Customer" "MemberGrade"
Customer.odi .



Customer.odi 가
ComboBox "MemberGrade"
Table "Customer" ComboBox
FireRowCursorChange True .

Customer.oza .

➤ , ODI, OZA .

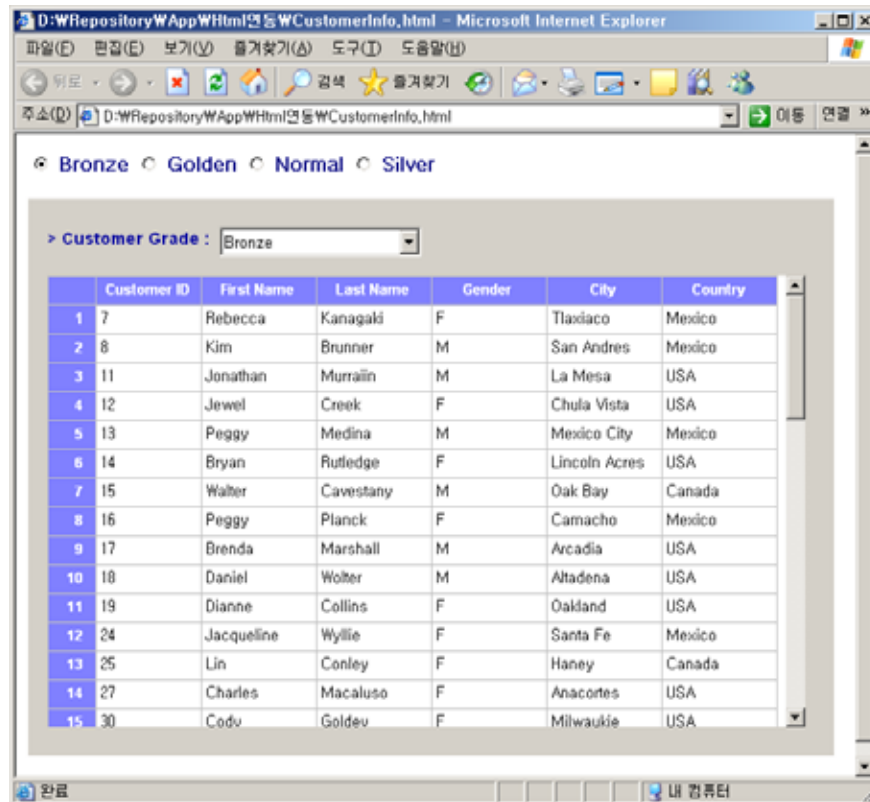
➤ HTML

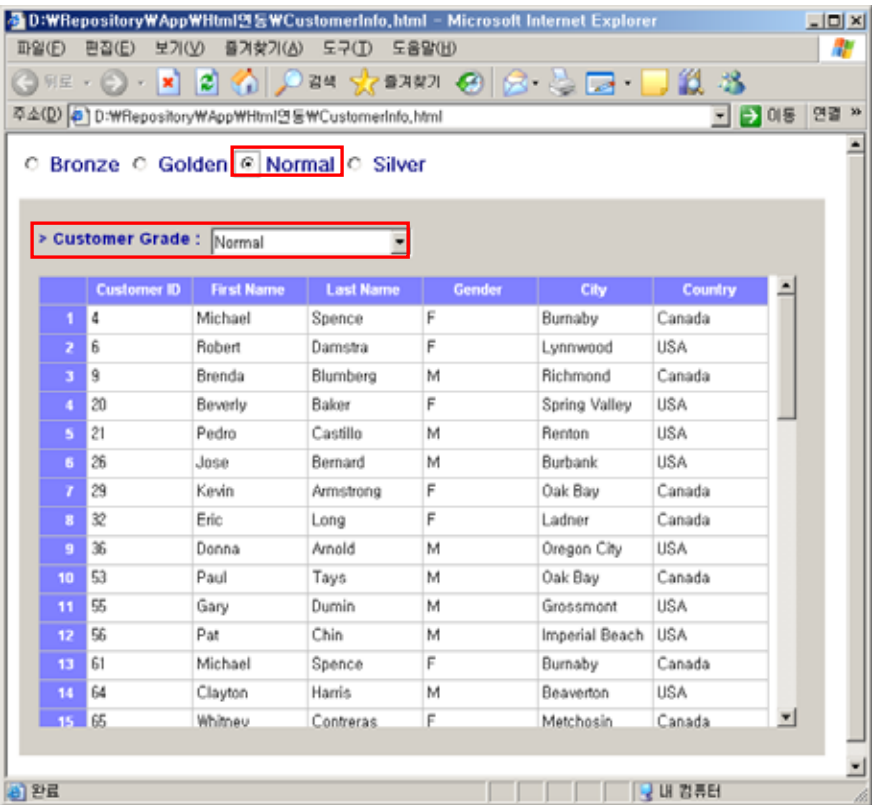
HTML

```
<html>
  <head>
    <script src="oz_activex.js"></script>
  </head>
  <body>
    <b><font face="    " color="#000080" size=3>
      <input type="radio" name="htmlRadio"
onClick="OZApplicationViewer.Document._GetBoard('Board1').GetChild('ComboBo
x1').Value='Bronze'" Checked> Bronze
      <input type="radio" name="htmlRadio"
onClick="OZApplicationViewer.Document._GetBoard('Board1').GetChild('ComboBo
x1').Value='Golden'"> Golden
      <input type="radio" name="htmlRadio"
onClick="OZApplicationViewer.Document._GetBoard('Board1').GetChild('ComboBo
x1').Value='Normal'"> Normal
      <input type="radio" name="htmlRadio"
onClick="OZApplicationViewer.Document._GetBoard('Board1').GetChild('ComboBo
x1').Value='Silver'"> Silver
    <p><div id="OZEmbedControlLocation">
      <script LANGUAGE="Javascript">
var tag='<OBJECT id="OZApplicationViewer" CLASSID="CLSID:907A00F3-7390-
4EF2-931B-360546587804" width="800" height="550"></OBJECT>';
      var paramTag=new Array();
      paramTag[paramTag.length]='<param name="repository_agent.type"
value="FROM_OZSERVER">';
      paramTag[paramTag.length]='<param
name="repository_agent.ozserver.servlet"
value="http://127.0.0.1:8080/oz/server">';
      paramTag[paramTag.length]='<param name="ozadoc.path"
value="/CustomerInfo.oz">';
      oz_activex_build(OZEmbedControlLocation, tag, paramTag);
    </script>
  </div>
</body>
</html>
```



HTML





Global

Global

Global

ViewerObjectID.Global.Global

■

-

Global

```
<html>
  <head>
    <script src="oz_activex.js"></script>
  </head>
  <body>
```

```

<input type="button" value="          "
onClick="OZApplicationViewer.Global._MessageBox('          가
.', ' ');">

<div id="OZEmbedControlLocation">
  <script LANGUAGE="Javascript">
    var tag='<OBJECT id="OZApplicationViewer"
CLASSID="CLSID:907A00F3-7390-4EF2-931B-360546587804" width="800"
height="550"></OBJECT>';
    var paramTag=new Array();
    paramTag[paramTag.length]='<param name="repository_agent.type"
value="FROM_OZSERVER">';
    paramTag[paramTag.length]='<param
name="repository_agent.ozserver.servlet"
value="http://127.0.0.1:8080/oz/server">';
    paramTag[paramTag.length]='<param name="ozadoc.path"
value="/Table.oza">';
    oz_activex_build(OZEmbedControlLocation, tag, paramTag);
  </script>
</div>
</body>
</html>

```