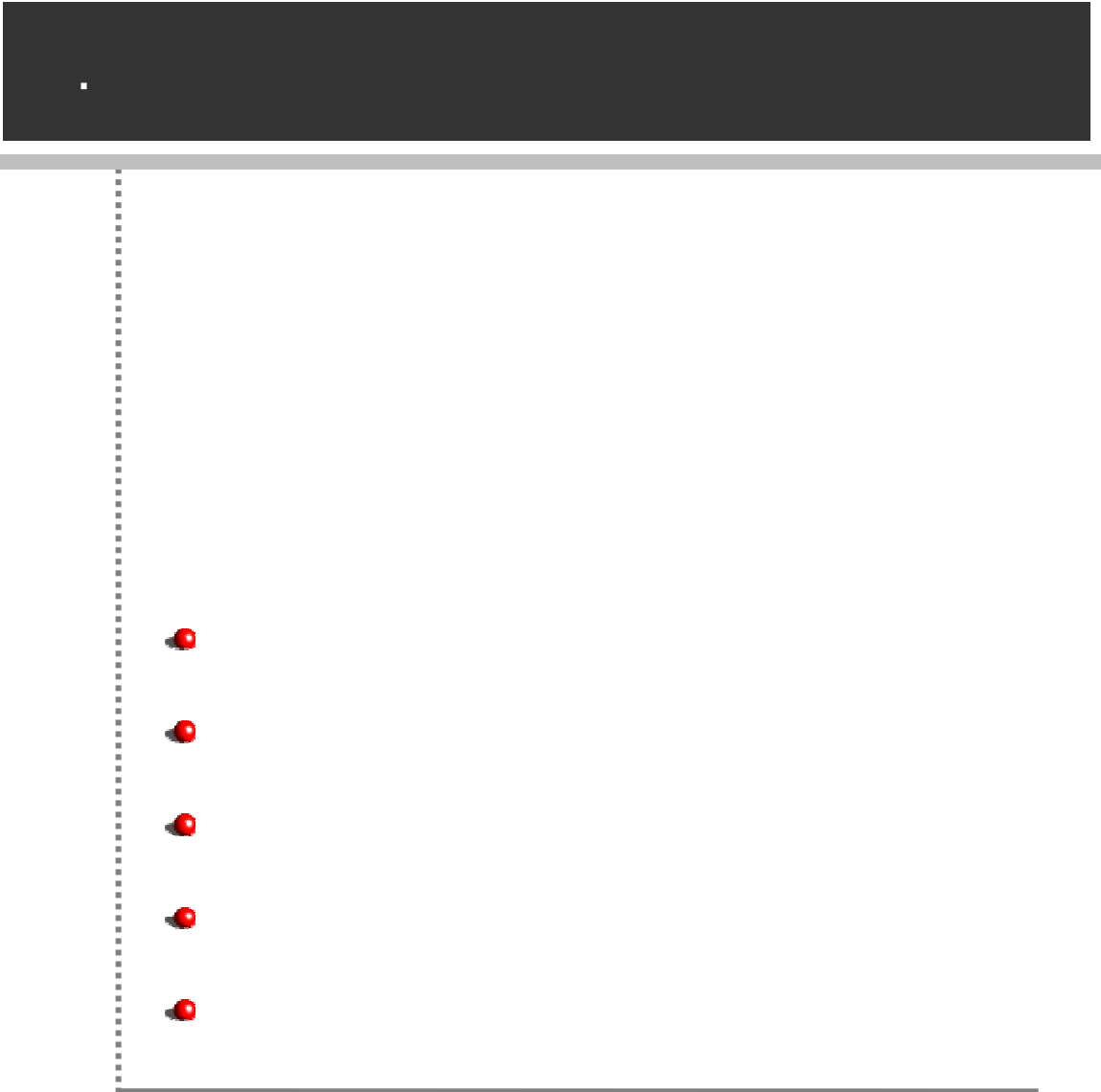
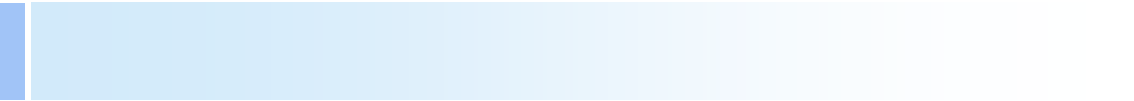


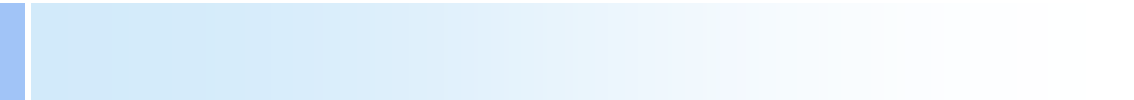
•	3
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.....	5
.....	6
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Step 4.		51
		53





'OZ Application'



Features Overview Quick Tour

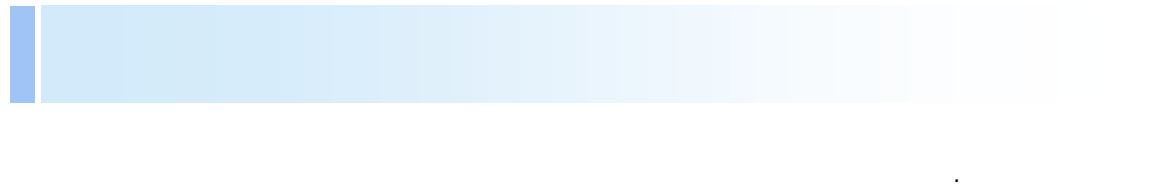
Features Overview

Quick Tour

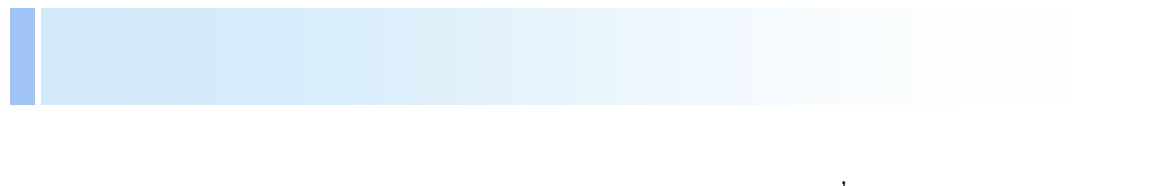
OZ Application

OZ

Manual	Description
가	OZC, OZS, OZF
가	가
가	
가	
가	가



- DB (JDBC/ODBC, SQL)
- WAS(Web Application Server)
- (HTML, JavaScript)



가 .

- (Intranet)
- (B2B)
- B2C
- , / (G2B, G2C)
- ASP/MSP

. Features Overview



Features



 개발 도구 사용자 인터페이스 개발 환경	 오즈 애플리케이션 디자이너	 오즈 쿼리 디자이너
 관리 도구 서버 설정 및 모니터링 문서 권한 및 히스토리 관리 사용자와 그룹 관리	 오즈 엔터프라이즈 매니저	 오즈 리파지토리 매니저
 운용 도구 데이터 처리를 위한 서버 및 사용자 뷰어	 오즈 애플리케이션 뷰어	 오즈 엔터프라이즈 서버

<

>

- C/S

- Built-in

- 가

- (ODI:OZ Data Info)

- DB 가 ,

- Drag & Drop

-

-

Non-Stop

-

- , ODI

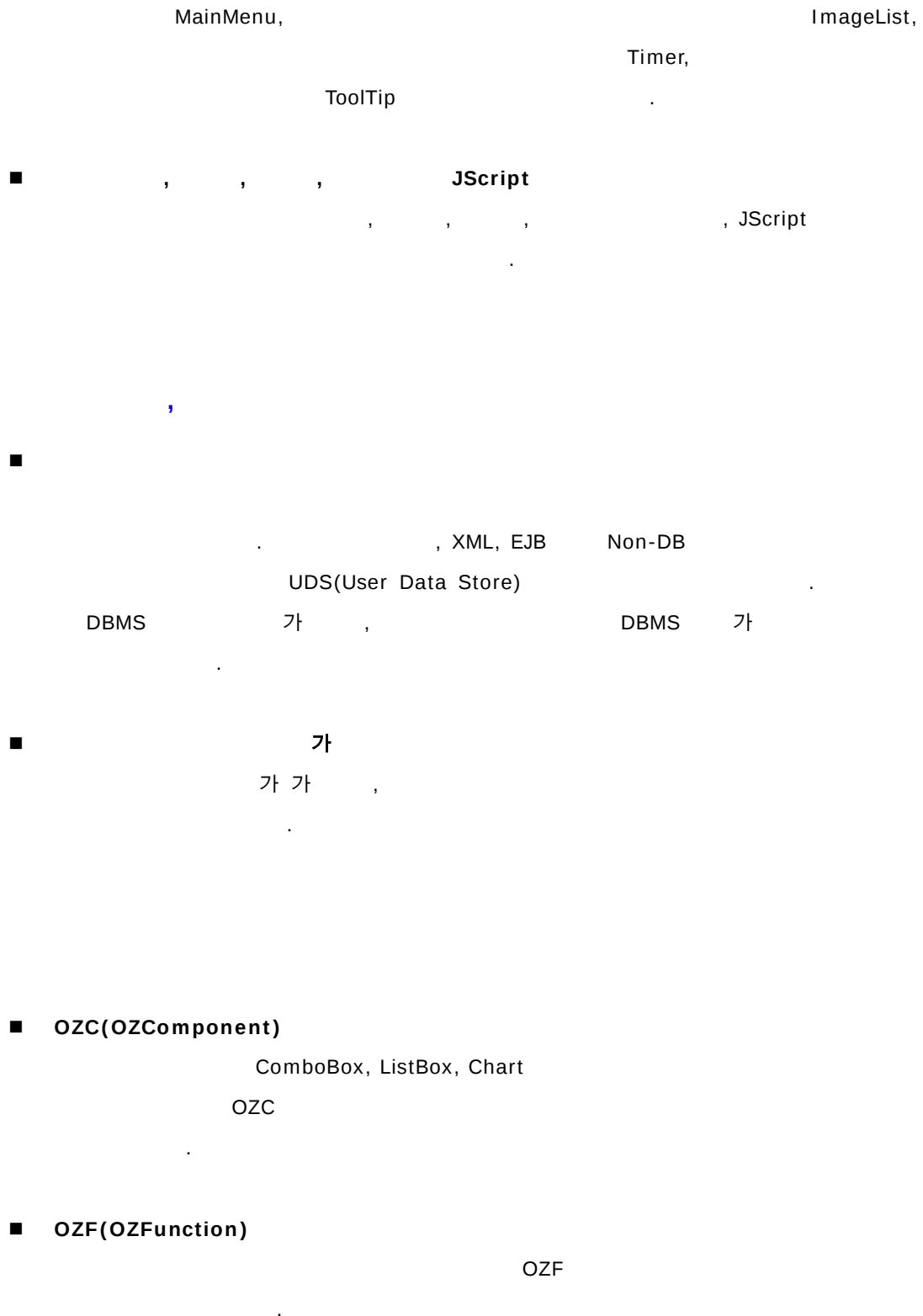
-
- .NET Framework
가 , JRE .NET Framework
- / 가 가 .
- DB Pooling, , , /
- (Concurrent Mode) , 가 가 .
-
- User Interface
- Full ActiveX ,

Features

- , Chart

3 3 3

- `TabControl`, `GroupBox`, `Panel`.



■ OZS(OZStyle)

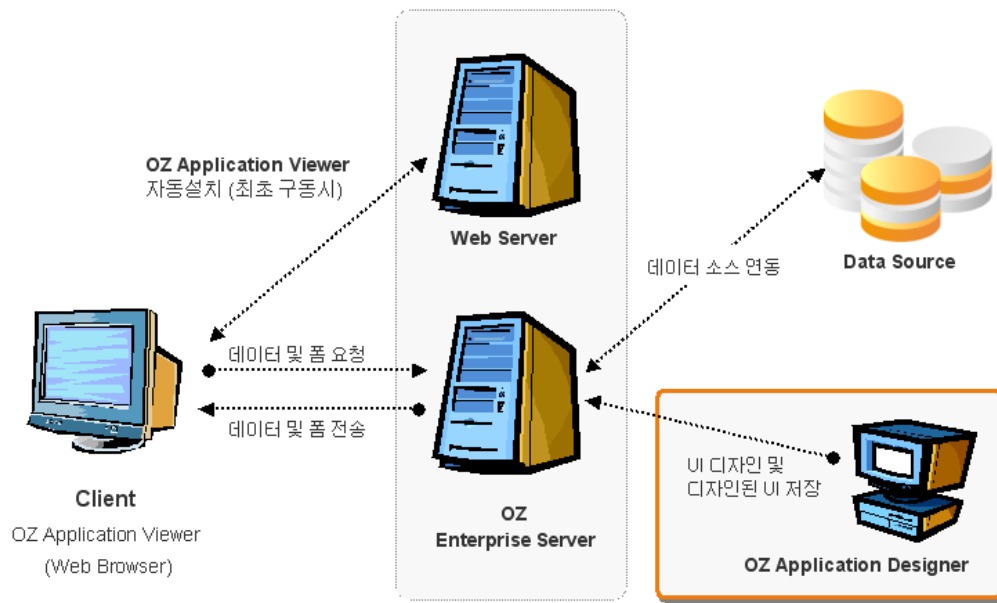
， ， OZS
.

， ，

■ /
.

■
， .

■
.

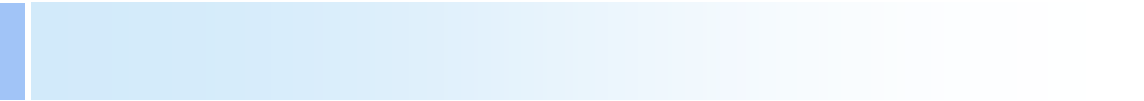


가

ODI

ODI

가



/



Windows 2000 Windows OS
JRE 1.3



CPU : Pentium 500MHz
RAM : 256MB(512MB)
 : XGA(1024 x 768)

/



MS Windows (Windows NT/2000/XP/2003)



CPU : Pentium III 500MHz
RAM : 128MB(256MB)
 : XGA(1024*768)



MS Windows Internet Explorer 5.0 , Firefox 3.0.1 , Safari 5 ,
Google Chrome 6.0 , Opera 10



: JRE(Java Runtime Environment) 1.3.X
(Windows NT/2000/XP/2003, Linux, HP-UX, Solaris, AIX, Unixware)
: .NET Framework 1.1
(Microsoft Windows Server 2003, Microsoft Windows Server 2008)



Internet Information Server(IIS), Netscape Enterprise Server, Apache, NCSE, CERN
HTTP



(Web Application Server)

: WebLogic, WebSphere, JBoss, Tomcat, JRun, iPlanet, SilverStream,
NetAction, EAServer, iAS, AppServer, NEC WebOTX, Fujitsu Interstage



Oracle, MS SQL Server, DB2(UDB), Informix, Sybase, IngresII JDBC
ODBC DBMS

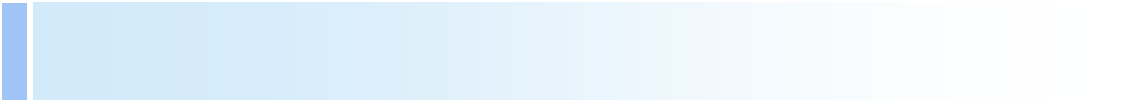
. Quick Tour



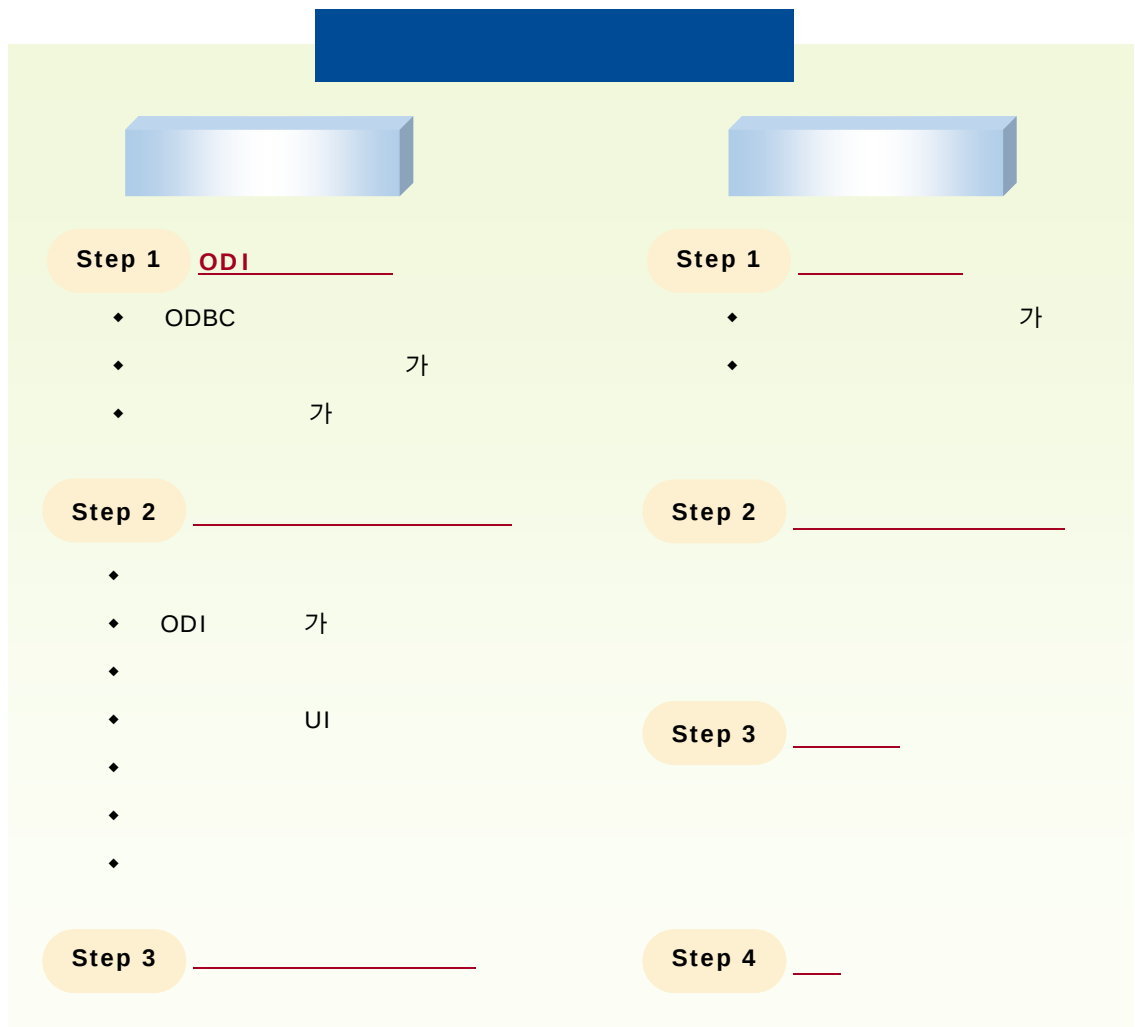
Step1. ODI
Step2.
Step3.

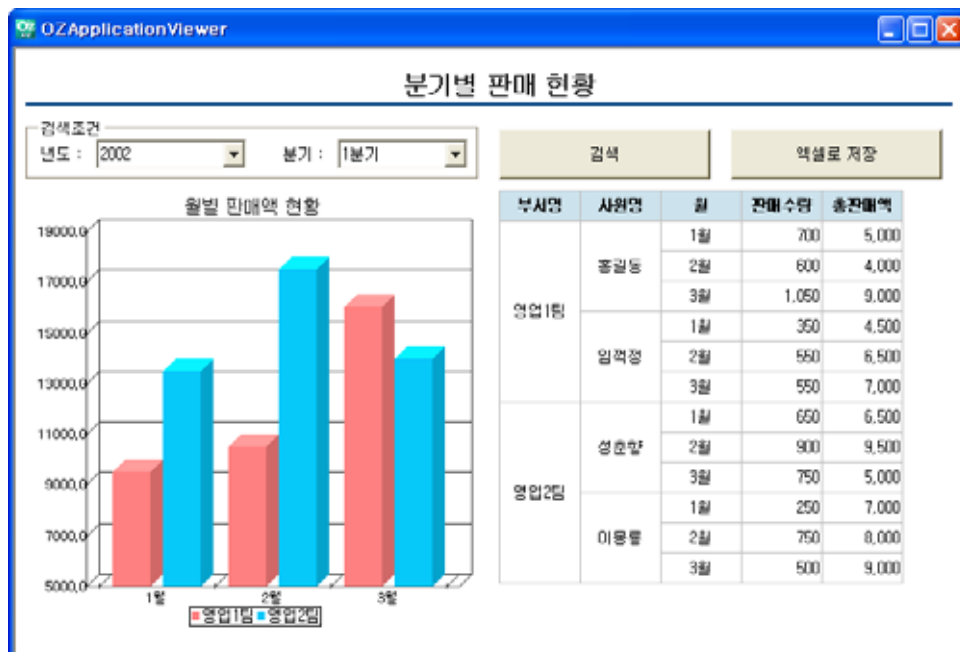


Step1.
Step2.
Step3.
Step4.



- (Windows 2000)
- (IIS)가
- () , 가
- 가 MS Access DB MS Access ODBC Driver가
- IIS 가 ,





Step 1 ODI

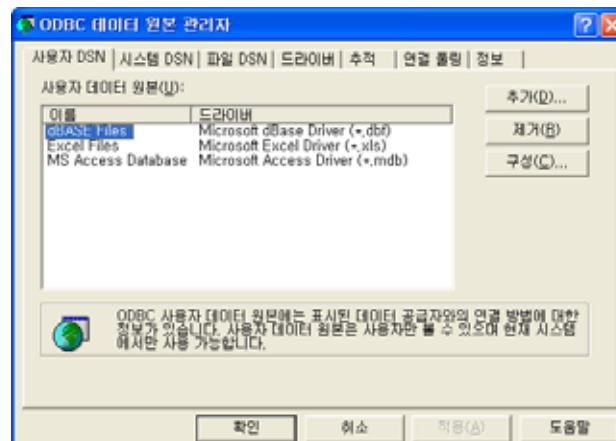
◆ ODBC

DB ODBC ODBC

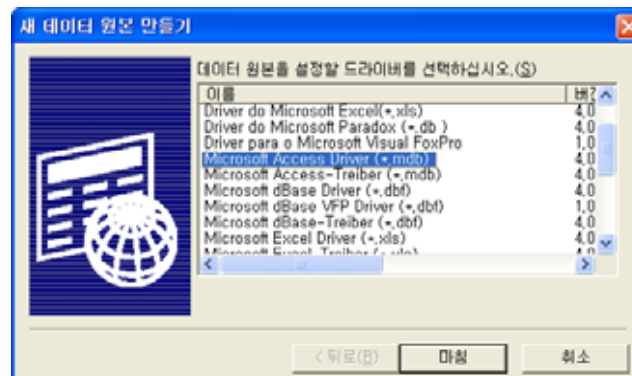
Microsoft Access DB AppSample.mdb , DB

. AppSample.mdb ODBC
(DSN) 'AppSample'

1) [] [] [(ODBC)] ODBC

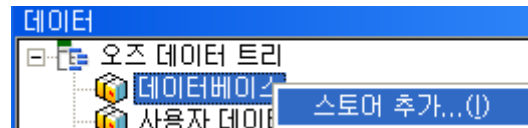


2) [DSN] [가] Microsoft Access
Driver (*.mdb) []

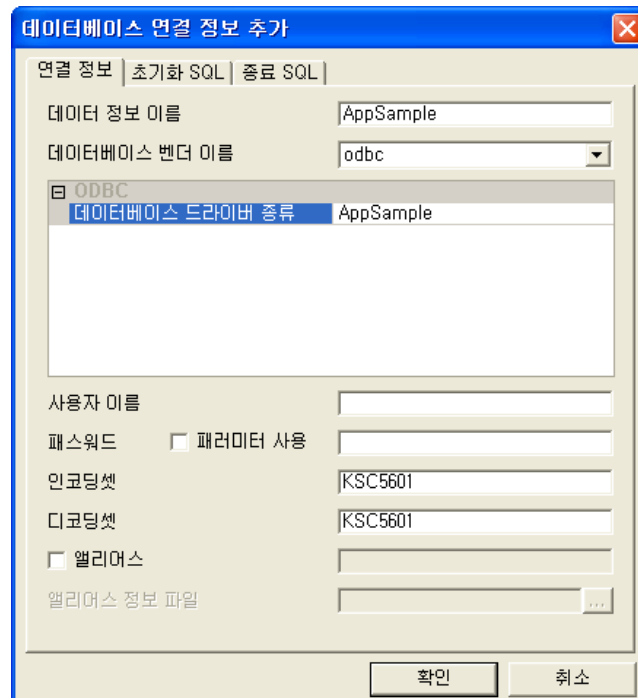


3) 'AppSample' , []
'AppSample.mdb'

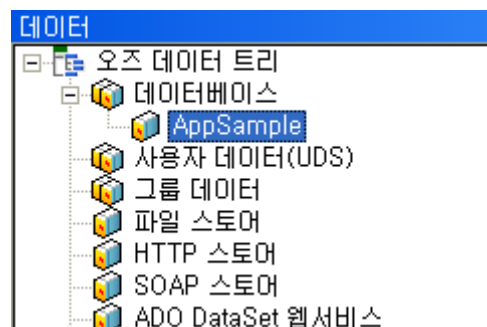
- 1) [오즈 데이터 트리] -> [데이터베이스] -> [스토어 추가...(!)]



- 2) [스토어 추가...(!)] -> 'AppSample' [데이터베이스 드라이버 종류] 'ODBC'
[데이터베이스 드라이버 종류] ODBC
'AppSample'



- 3) [AppSample] 가





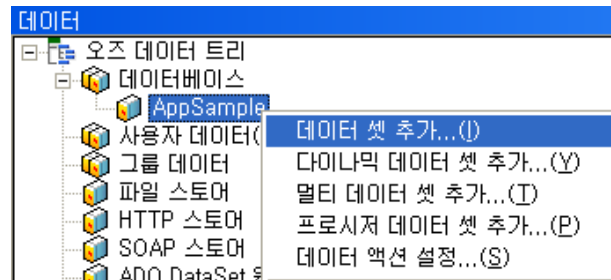
가

가

가

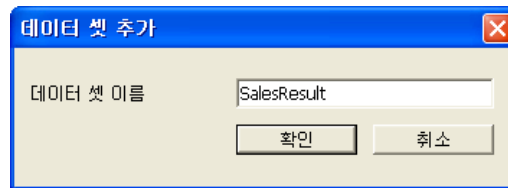
1) [AppSample]

[가]



2) [] 'SaleResult' []

가



3) 가

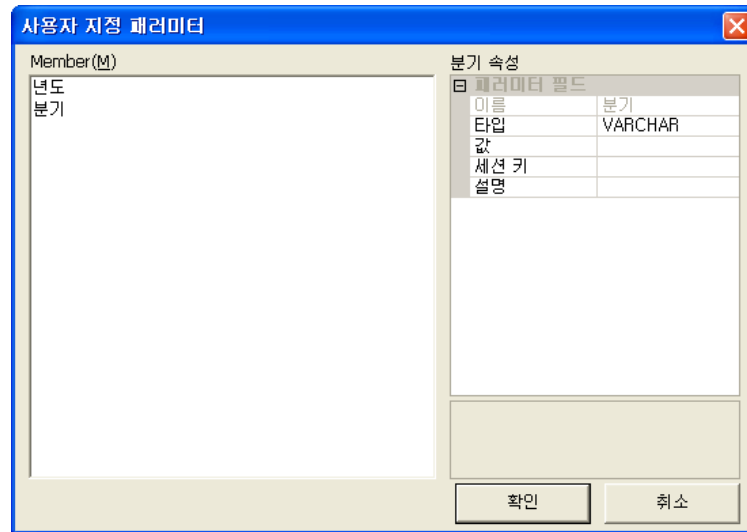
[]

[]

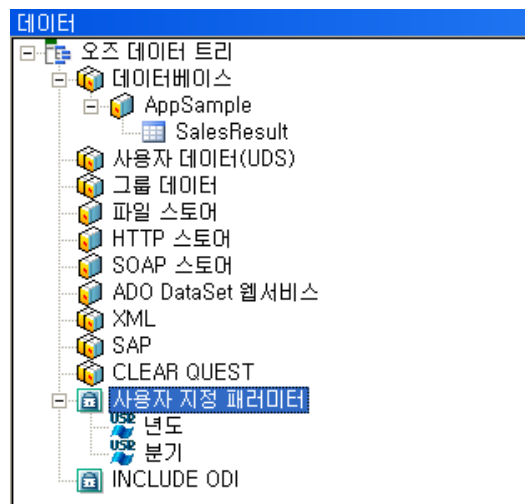


[]

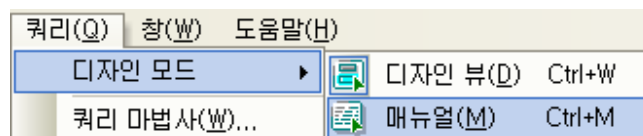
가



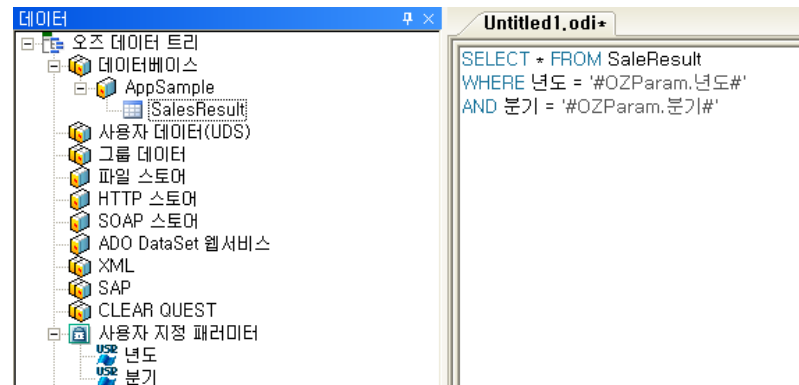
[] 가 가 .



4) 가
 . 'SaleResult' [] -
 [] - [] .



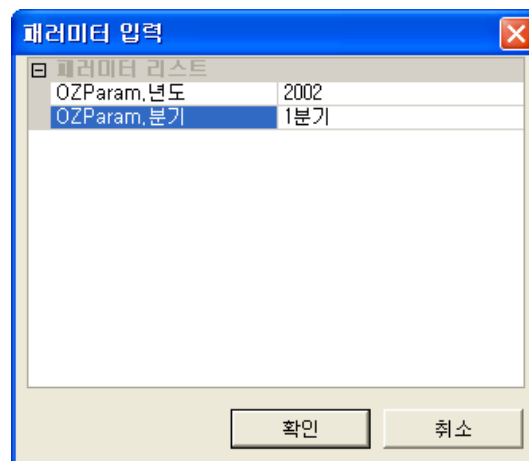
5)



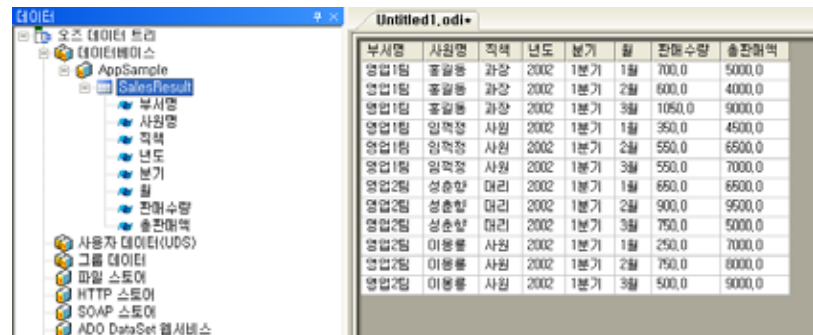
```
SELECT * FROM SaleResult
WHERE      = '#OZParam.   #'
AND        = '#OZParam.   #'
```

6)

() <F5>
'OZParam. ' '2002' 'OZParam. ' '1'
[]



'SaleResult'

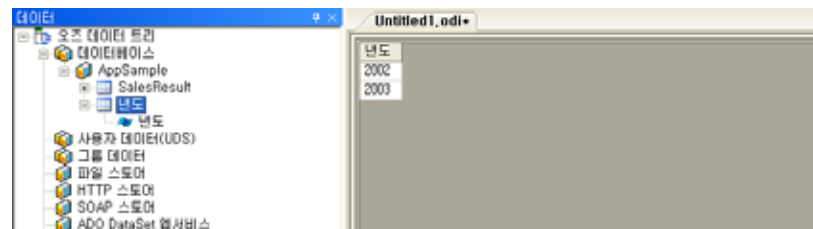


부서명	직원명	직책	년도	분기	월	판매수량	총판매액
영업1팀	홍길동	과장	2002	1분기	1월	700.0	5000.0
영업1팀	홍길동	과장	2002	1분기	2월	600.0	4000.0
영업1팀	홍길동	과장	2002	1분기	3월	1050.0	9000.0
영업1팀	임직원	사원	2002	1분기	1월	950.0	4500.0
영업1팀	임직원	사원	2002	1분기	2월	550.0	6500.0
영업1팀	임직원	사원	2002	1분기	3월	550.0	7000.0
영업2팀	성송향	대리	2002	1분기	1월	650.0	6500.0
영업2팀	성송향	대리	2002	1분기	2월	900.0	9500.0
영업2팀	성송향	대리	2002	1분기	3월	750.0	5000.0
영업2팀	이병철	사원	2002	1분기	1월	250.0	7000.0
영업2팀	이병철	사원	2002	1분기	2월	750.0	6000.0
영업2팀	이병철	사원	2002	1분기	3월	500.0	9000.0

7) [가]가

'AppSample'

[가]
(4), 5)



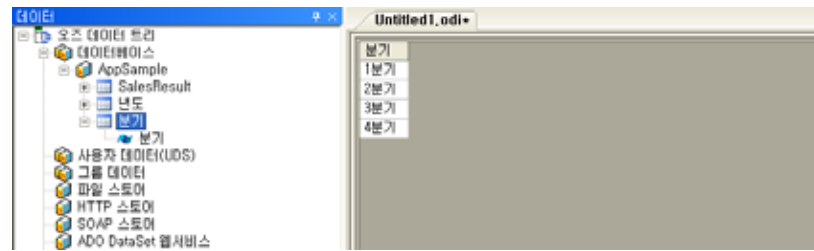
년도
2002
2003

SELECT Distinct SaleResult. FROM SaleResult

'AppSample'

[가]

(가)



```
SELECT Distinct SaleResult. FROM SaleResult
```

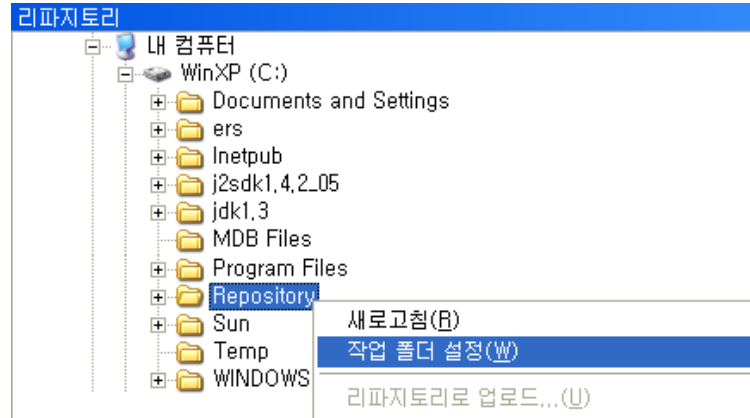
- 8) ODI [] - []
 'AppSample.odi'
 'C:\Repository'

Step 2

- 1) [] - []
 ()
 파일(F) 편집(E) 보기(V) 추가
 새로 만들기(N) Ctrl+N
 열기(O)... Ctrl+O
 닫기(C)
 저장(S) Ctrl+S
 다른 이름으로 저장(A)...

- 2) []
 []

C:\Repository



◆ ODI 가

ODI (AppSample.odi) 가 .

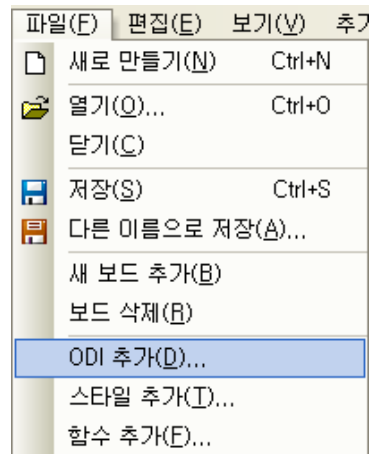
1) ODI 가 .

[] - [ODI 가]

'AppSample.odi' [] 가

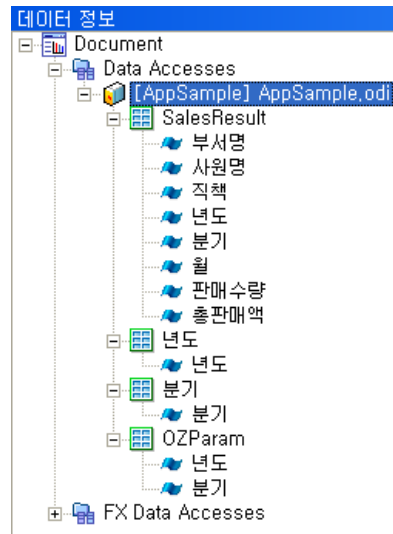
[]

'AppSample.odi' 가 .



2) []

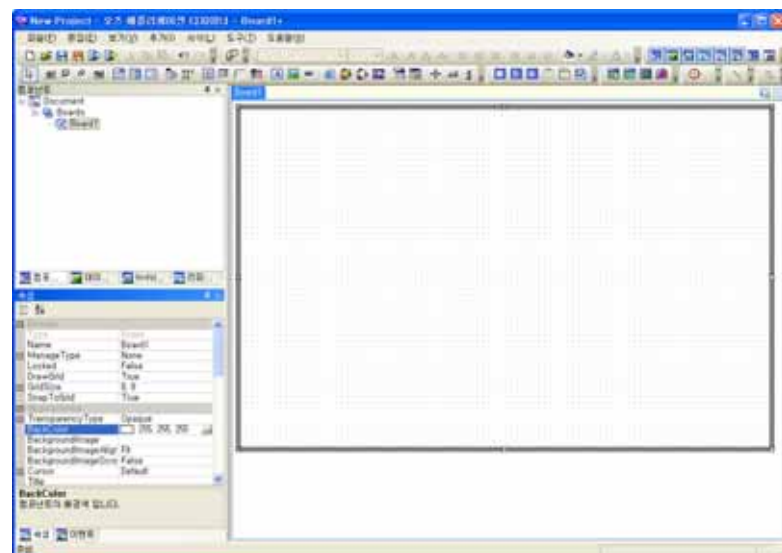
가 ODI .



1)

[] [Board1] 'BackColor'

[] []



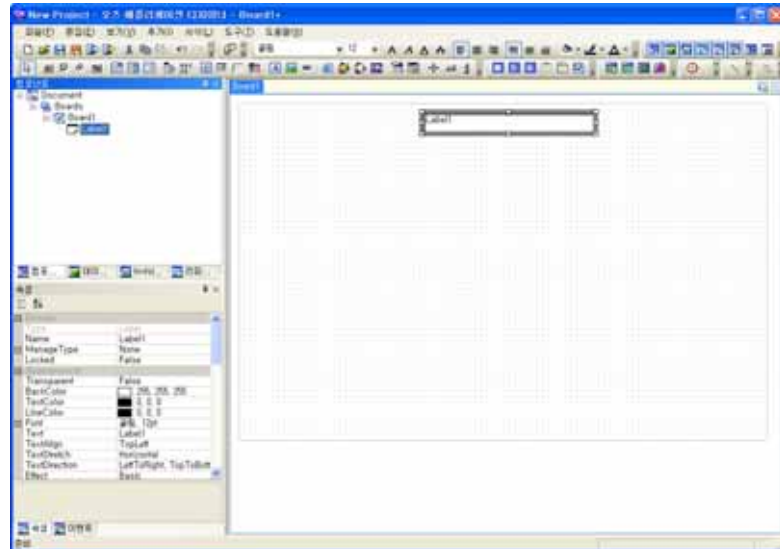
2)

가

[가] - [] - []

(A)
가

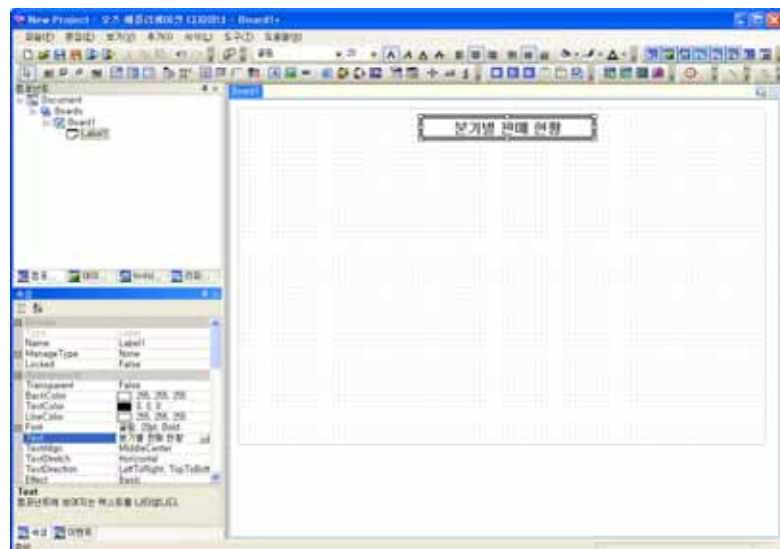
Drag & Drop



3) 가

'Label1'

'BackColor' 'LineColor' , 'Font' ' , 20pt, Bold' ,
'TextAlign' 'MiddleCenter' , 'Text' ' ,



4)

가

[가] - [] - []



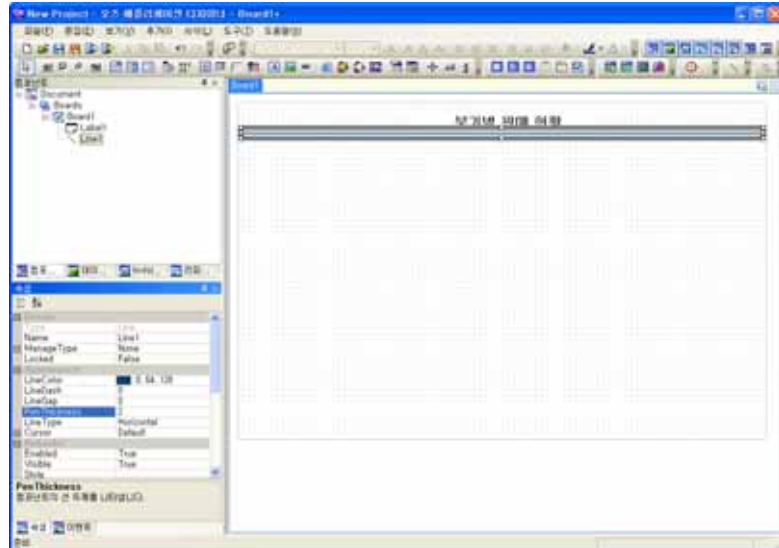
Drag & Drop

가

'Line1'

'LineColor'

'PenThickness'



UI

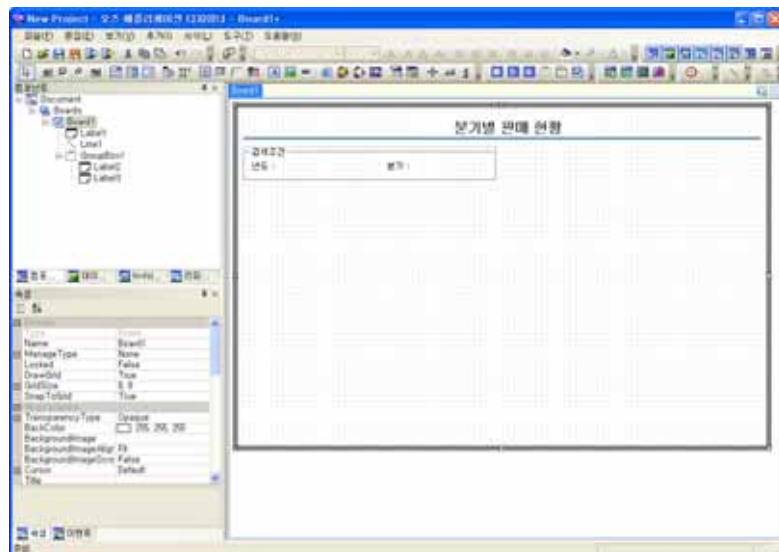
, ,

가

가

1)

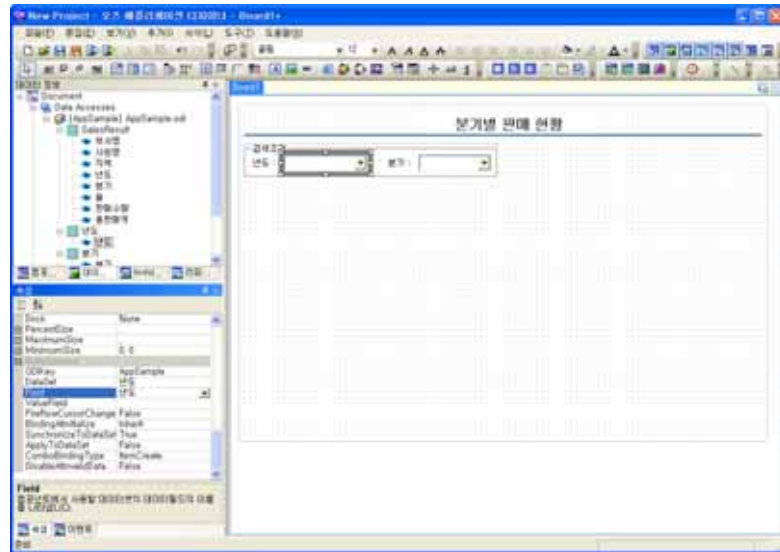
가



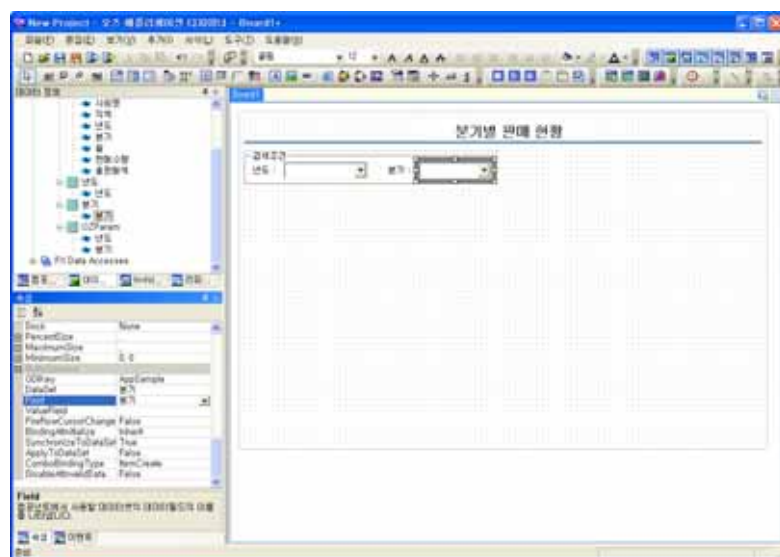
2) 2 가 .

3) ODI . 'ComboBox1'

'ODIKey' 'AppSample' , 'DataSet' ' ' , 'Field' ' ' ' .



'ComboBox2' 'ODIKey' 'AppSample' ,
'DataSet' ' ' , 'Field' ' ' ' .



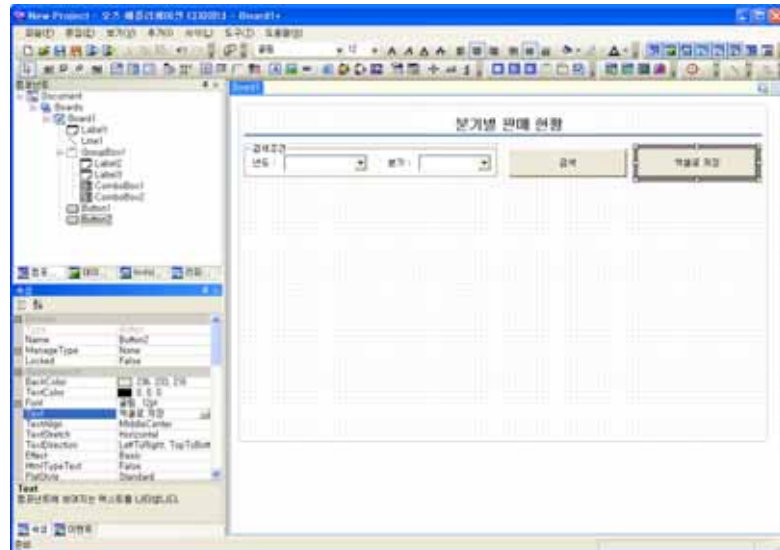
4)

가

가

가

Text



ODI

1)

가

[가] - [] - []



가

Drag & Drop

2)

ODI

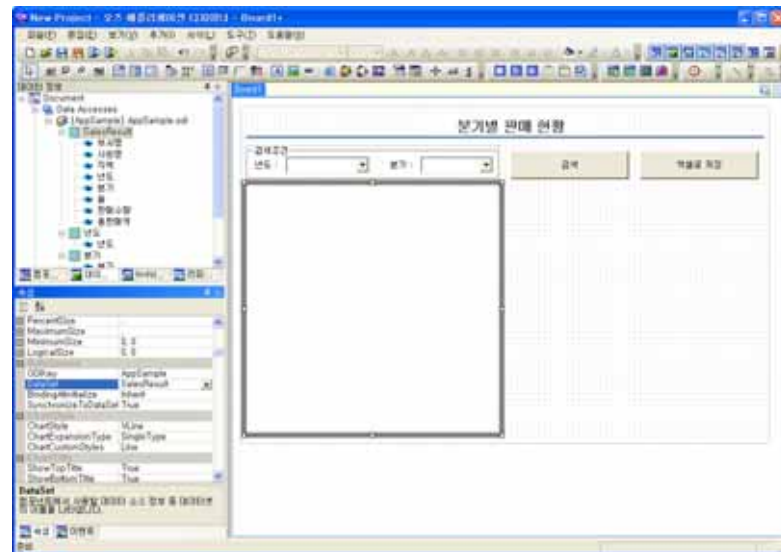
'Chart1'

'ODIKey'

'AppSample'

'DataSet'

'SaleResult'

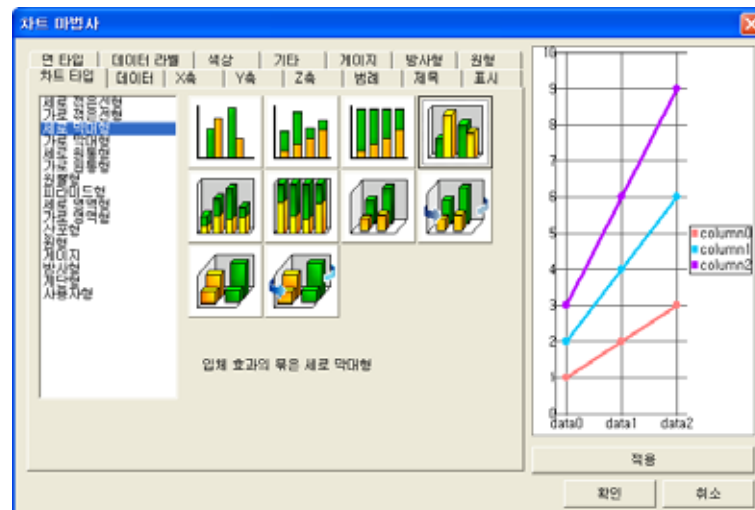


3)

[

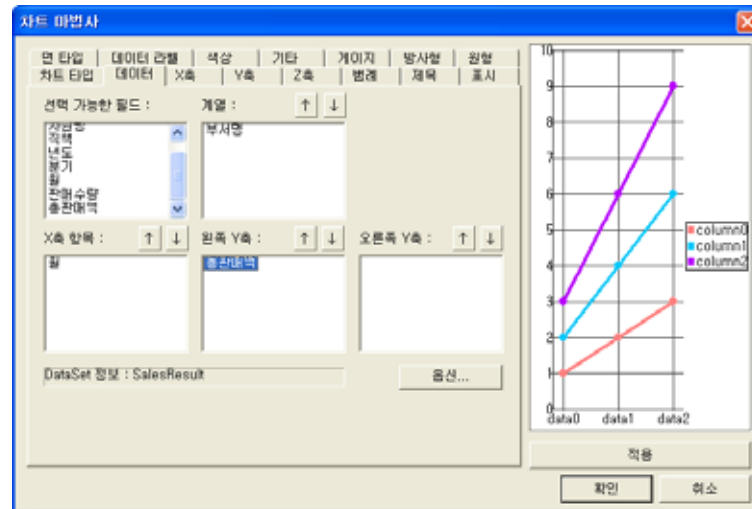
1

[]



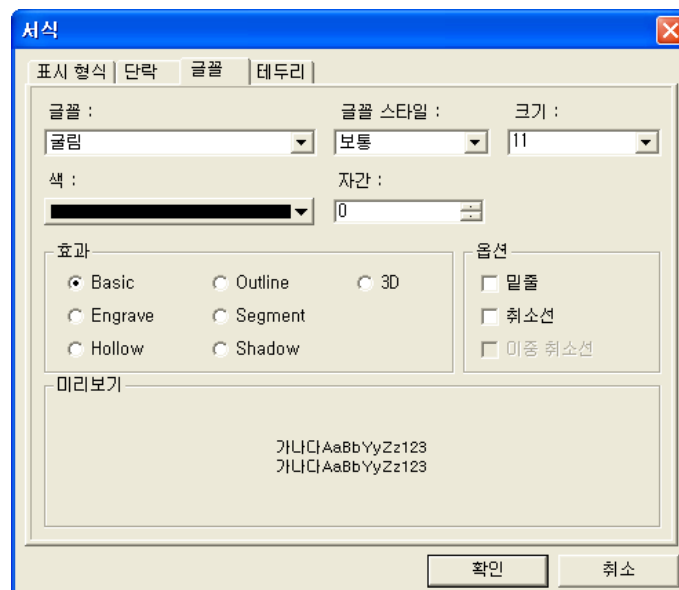
4) [] X , Y ,

Drag & Drop

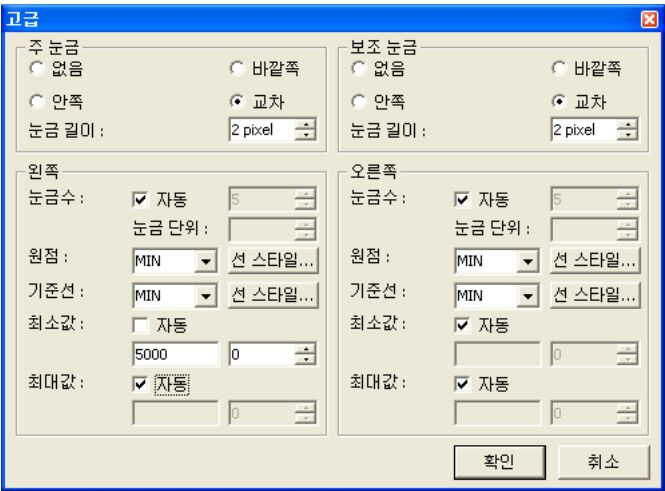


5) , , X , Y /

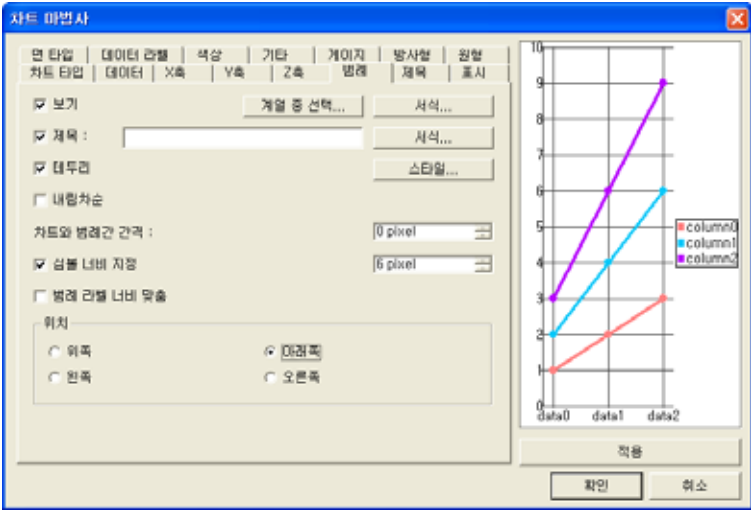
[X] [] X .



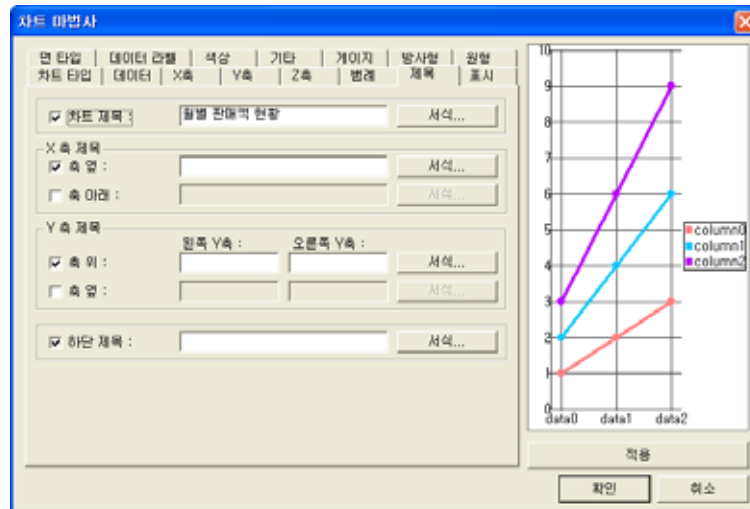
[Y] [] Y , [] Y / .



[]



[]



[]

6) []



ODI

1) 가

[가] - [] - []



Drag & Drop

가

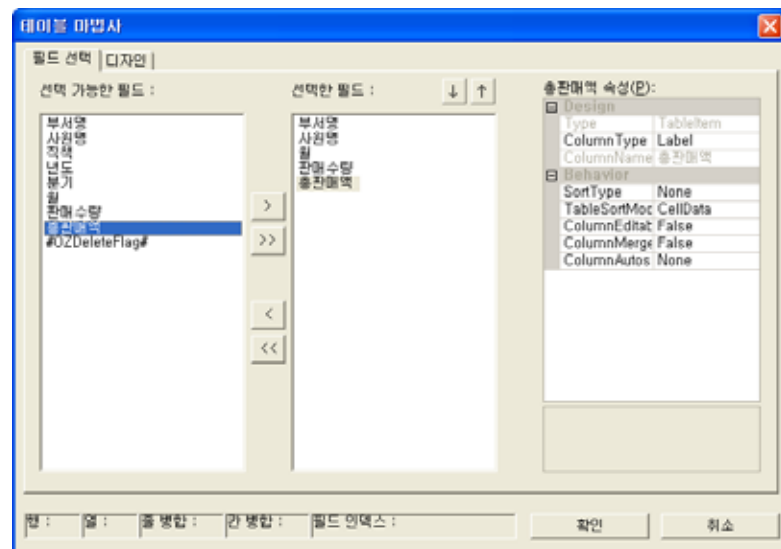
- 2) ODI .
 'Table1' 'ODIKey' 'AppSample' , 'DataSet'
 'SaleResult' .

- 3) 가 .

[]

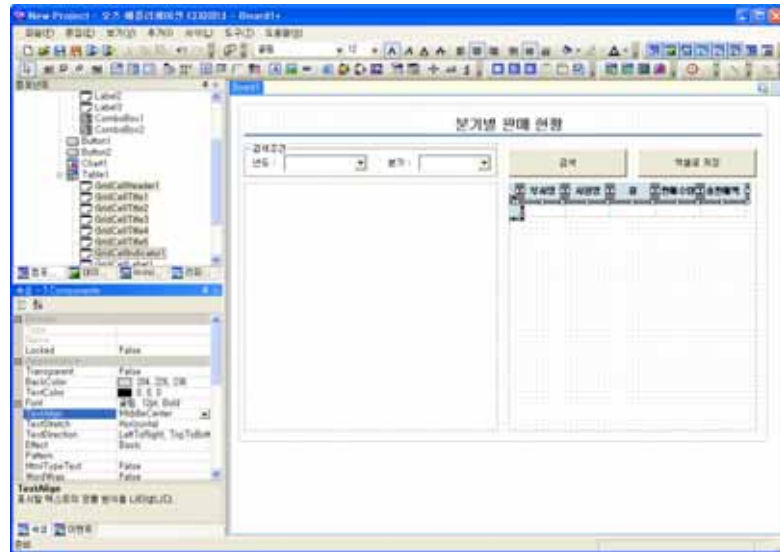


가



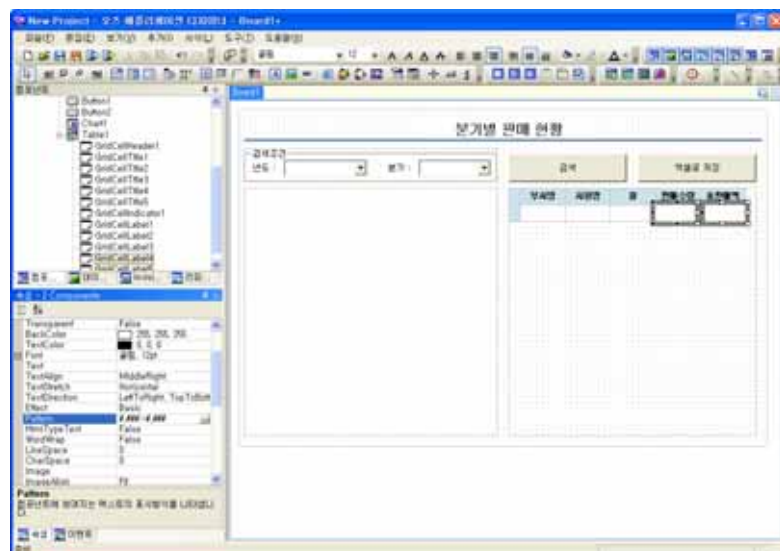
'ColumnMerge'

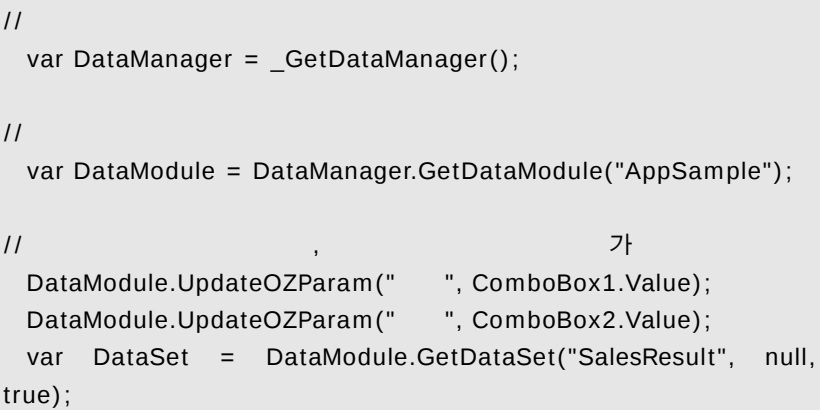
'True'



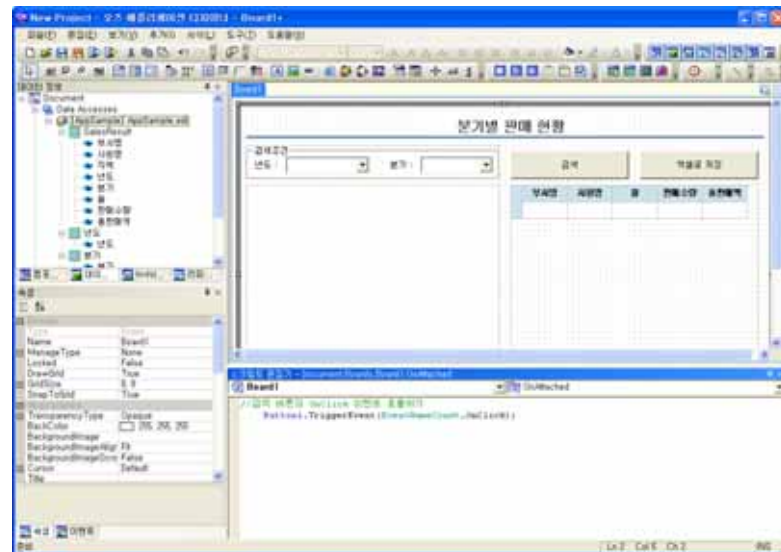
가

'Table1' 'GridCellLabel' , ,
 'Font' ' , 12pt' , 'TextAlign' 'MiddleCenter' .
 'Table1' 'GridCellLabel' ,
 'Font' ' , 12pt' , 'TextAlign' 'MiddleRight' , 'Pattern'
 [...] ' , , " # , # # # ; - # , # # # "





2) []



```
//          OnClick
Button1.TriggerEvent(EventNameConst.OnClick);
```

Step 3

[] - []





'AppSample.oz'

Step 1



가

가 conf db.properties
ODBC 가 .

```
AppSample.vendor = odbc
AppSample.dsn = AppSample
AppSample.user =
AppSample.password =
AppSample.maxconns = 5
AppSample.initconns = 2
AppSample.timeout = 5
```



가 bin ozstart.bat

.(" 가 "
.)

```
C:\WINDOWS\system32\cmd.exe
343 [main] INFO server - -----
343 [main] INFO server - OZ Version Info.
343 [main] INFO server - OZ Server : 5.1.0101.20101229 15:23.
182
343 [main] INFO server - -----
343 [main] INFO server - OZ Common Protocol
343 [main] INFO server - Protocol : 2007
343 [main] INFO server - OZ DataModule
343 [main] INFO server - Streaming Protocol : 2040
343 [main] INFO server - -----
343 [main] INFO server - This product includes Hypersonic SQL.
343 [main] INFO server -
343 [main] INFO server - This product includes software developed by the
343 [main] INFO server - Apache Software Foundation (http://www.apache.org/).
343 [main] INFO server -
OZ TCP Server is ready up.
343 [main] INFO Server - OZ TCP Server is ready up.
```

Step 2

가

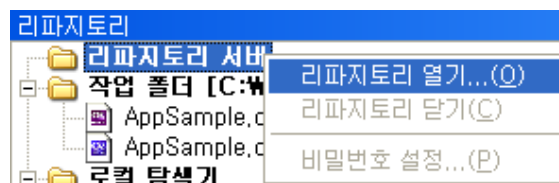
ODI

1)

[]

[

]



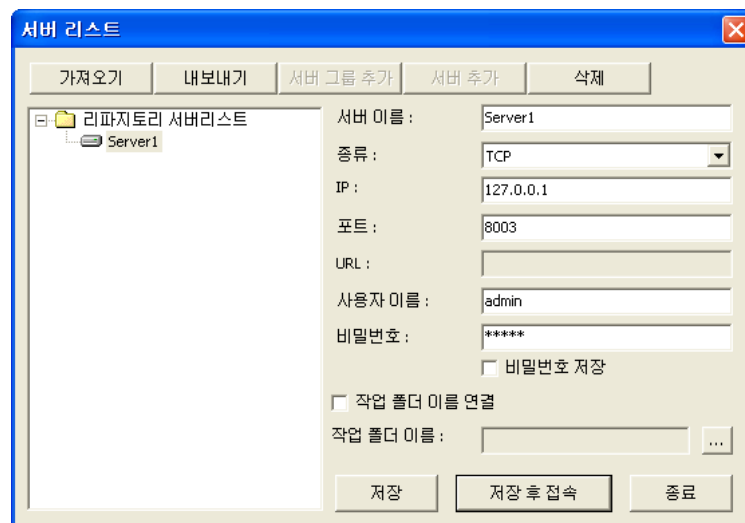
2)

[가]

[]

(

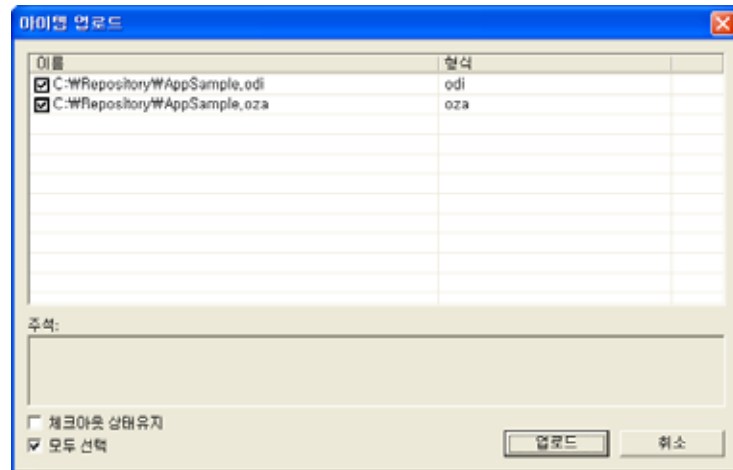
'admin' .)



3)



- 4) ' ' Drag & Drop []
- 'AppSample.oza' ODI
- 'AppSample.odi'



- 5)



Step 3

```
<html>
<body>

<div id = "InstallOZViewer">
    <object ID = "ZTransferX" classid = "CLSID:C7C7225A-9476-47AC-
B0B0-FF3B79D55E67" width = "0" height = "0" codebase =
"http://127.0.0.1/OZApplicationViewer/ZTransferX_2,2,1,9.cab#version=2,
2,1,9">
        <param name = "download.Server" value =
"http://127.0.0.1/OZApplicationViewer/">
        <param name = "download.Port" value = "80">
        <param name = "download.Instruction" value = "ozviewer.idf">
        <param name = "install.Base" value = "<PROGRAMS>/Forcs">
        <param name = "install.Namespace" value = "custom_namespace">
    </object>
</div>

<div id = "RunOZViewer">
    <object ID = "OZApplicationViewer" CLASSID = "CLSID:907A00F3-
7390-4EF2-931B-360546587804" width = "100%" height = "100%">
        <param name = "repository_agent.type" value = "from_ozserver">
        <param name="repository_agent.ozserver.server" value="127.0.0.1">
        <param name="repository_agent.ozserver.port" value="8003">
        <param name = "ozadoc.path" value = "AppSample.oz">
    </object>
</div>

</body>
</html>
```

:

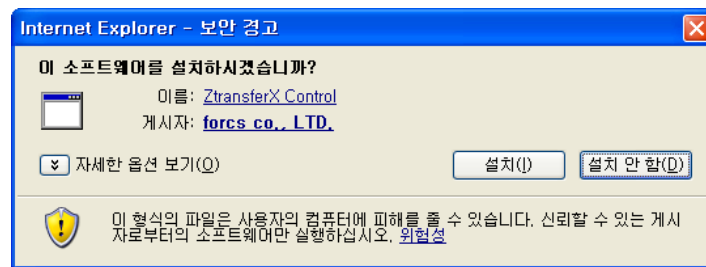
download.Server

IIS

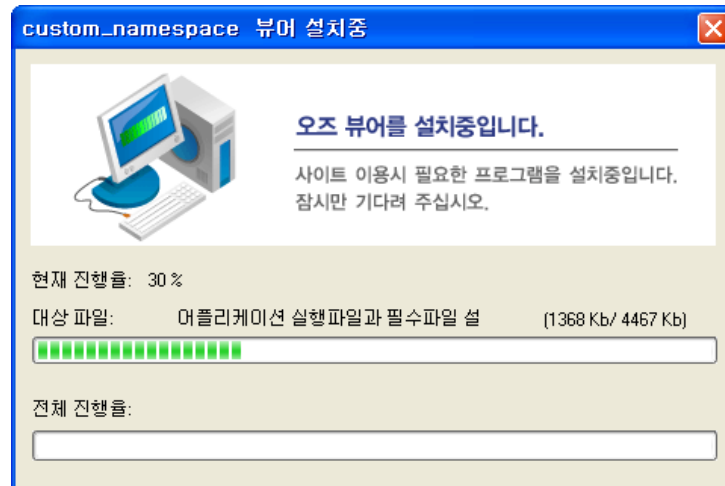
'OZApplicationViewer'

Step 4

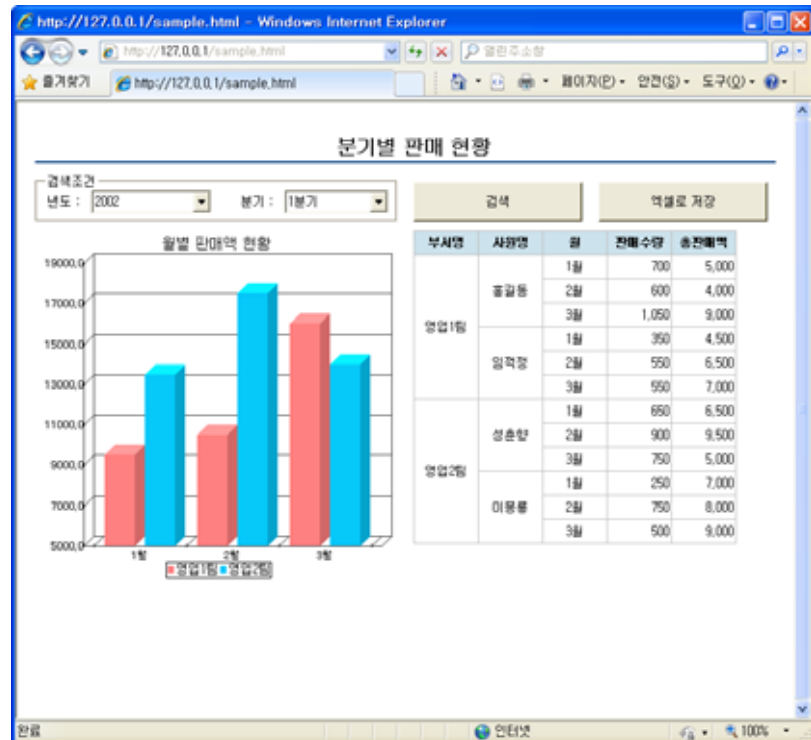
- 1) .
- 2) HTML (appsample.html)
- 3) Ztransfer Control



- 4) [] ZtransferX Control . ZtransferX Control
가
'install.Base' 'install.Namespace'



- 5)





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Quick Tour

가 Overview

Getting Started

<http://www.forcs.com>

49-6

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