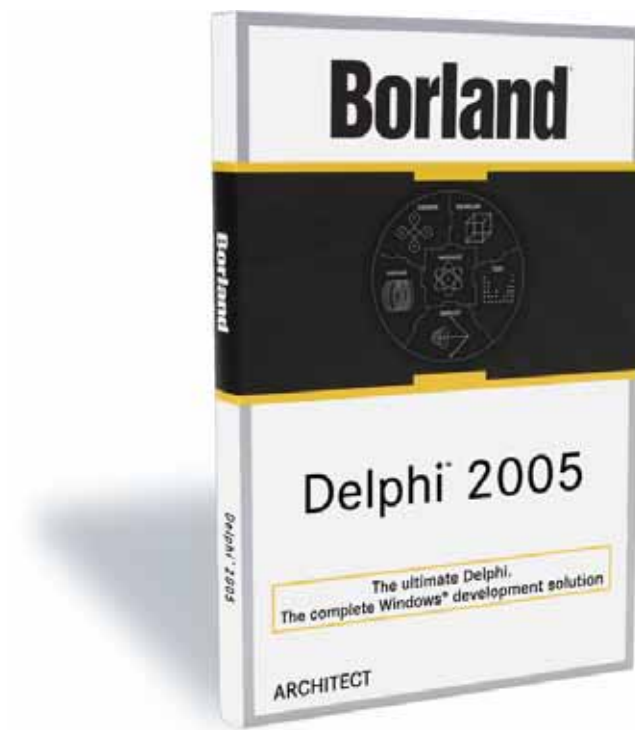


Borland®

Delphi 2005 가



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 Objects II (ECO™ II),
 for the Microsoft .NET Framework Borland Optimiziteit Profiler

Delphi 2005

Borland Products = Technical Excellence

, Borland

Delphi 2005

- Microsoft .NET Framework Borland Delphi 8 2004 7 2 TechEd Europe
Best of Show
- Borland C#Builder 2004 5 24 the Visual Studio Magazine
Reader Choice Award
- Borland Delphi 7 Studio 2004 2 25 Web Services Best GUI Web
Services Journal Readers' Choice Award







가

Delphi 2005

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reviewer's guide Delphi 2005 pre-release

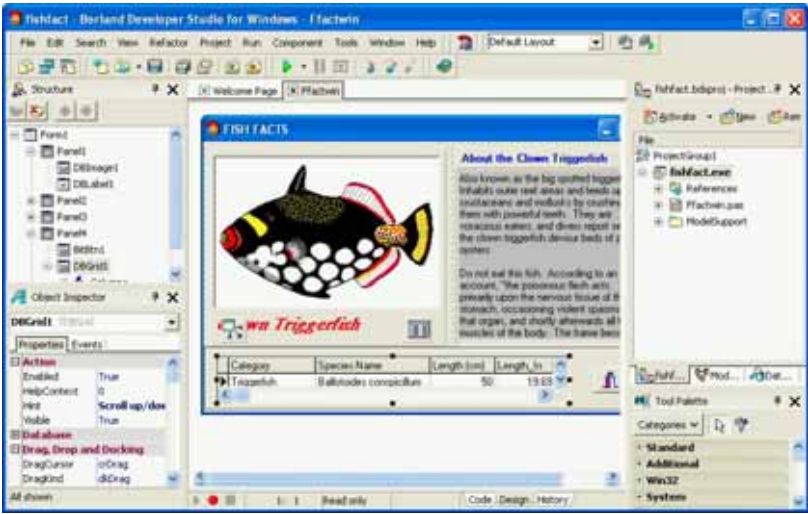
Borland® Delphi™ 2005



(IDE)

Delphi 2005 IDE (integrated development environment)

. Borland Galileo IDE Borland C#Builder Delphi 8 for .NET
, Delhi 2005 IDE



, , , IDE

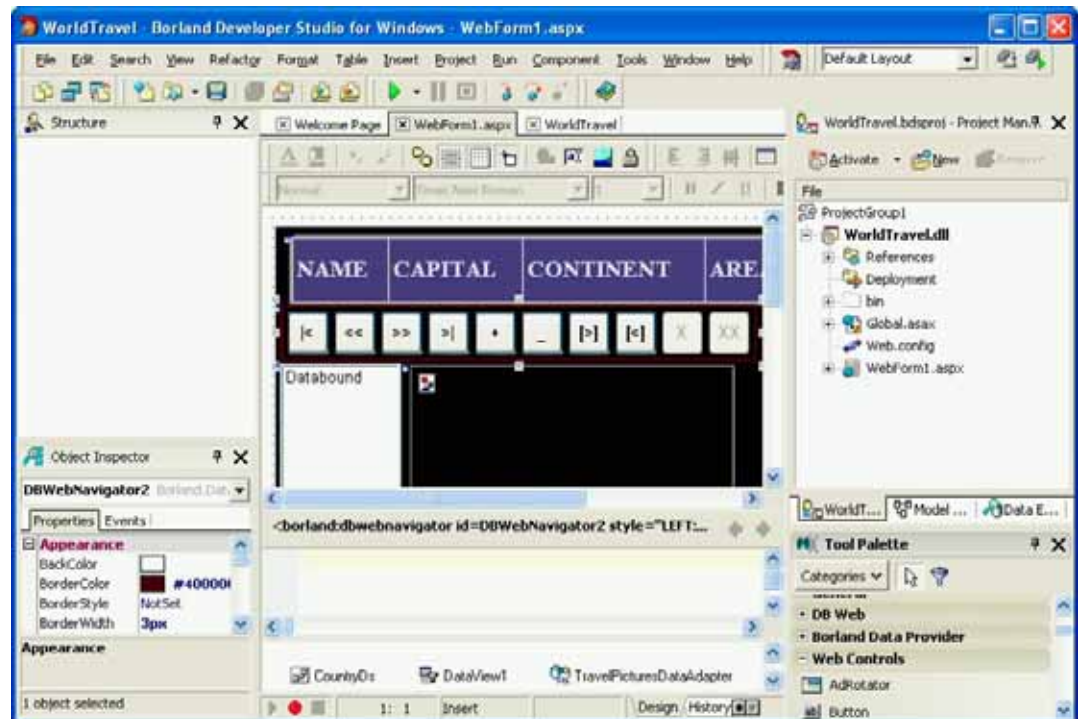
IDE,

Delphi C# , Win32 .NET
, ASP.NET
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Delphi 2005 IDE 가

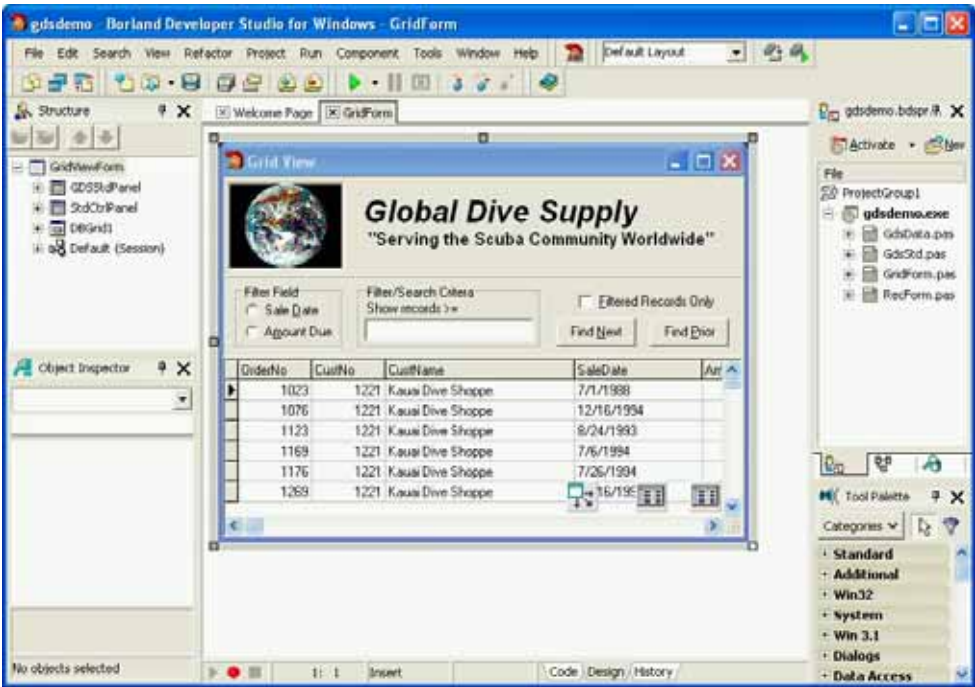
가 ASP.NET

, HTML



가 Win32

, VCL (visual component library)



가

. 가 ,
가 가 ,

ASP.NET

Win32 VCL

, Delphi

2005

가

IDE,

Delphi 2005

(context-sensitive)

. Delphi

2005

. Delphi 2005

Win32

Delphi, Microsoft .NET Framework Delphi,

Microsoft .NET Framework

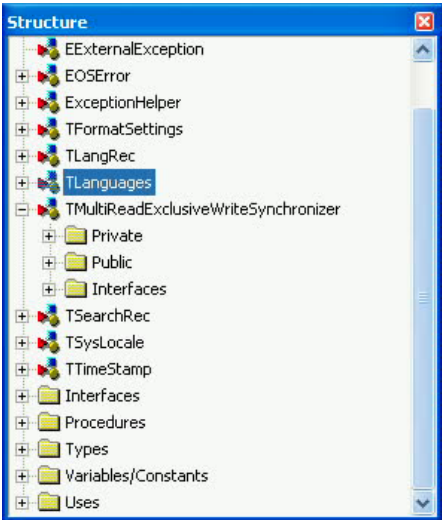
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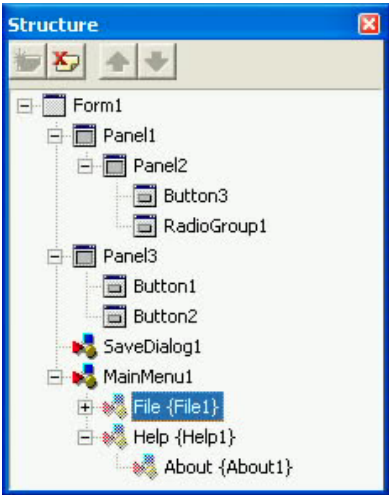
Structure Pane

Structure Pane

(context-sensitive) . 가 , Structure Pane , , , . (Delphi 7 ‘ (code explorer’ .)



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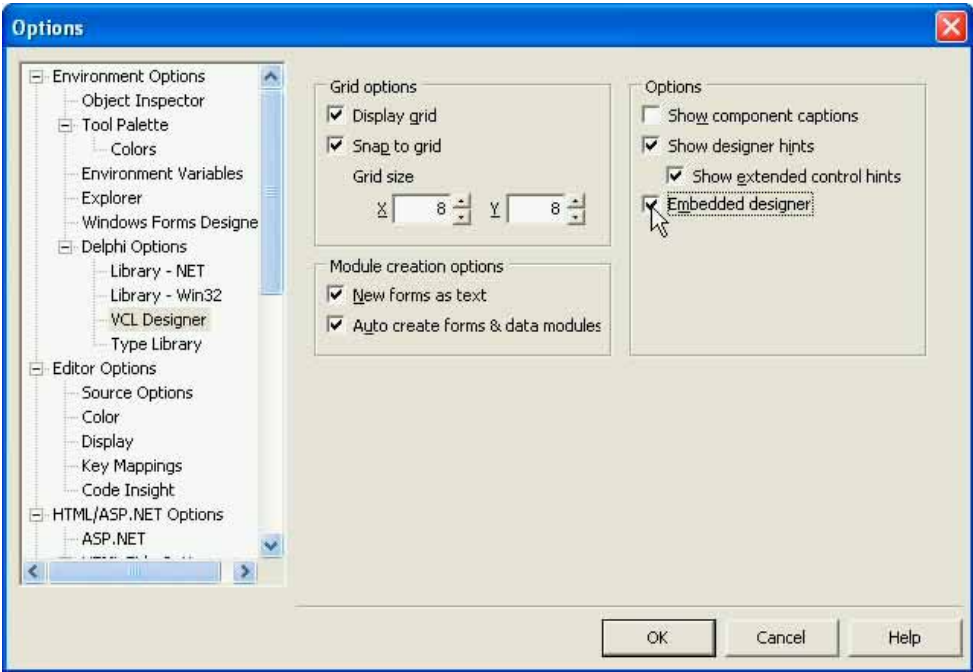


Structure Pane
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VCL / VCL.NET

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VCL " floating " . Borland
Delphi2005 . . VCL VCL.NET VCL Delphi
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Delphi2005 , Tools|Options)
VCL (VCL Designer) (Embedded designer)
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Tool Palette

Delphi 2005 , design-time .

(Object Inspector) . Delphi 2005

Tool Palette 가 .

Tool Palette 가 , , (context sensitive) , 가 Tool Palette

가 . Tool Palette

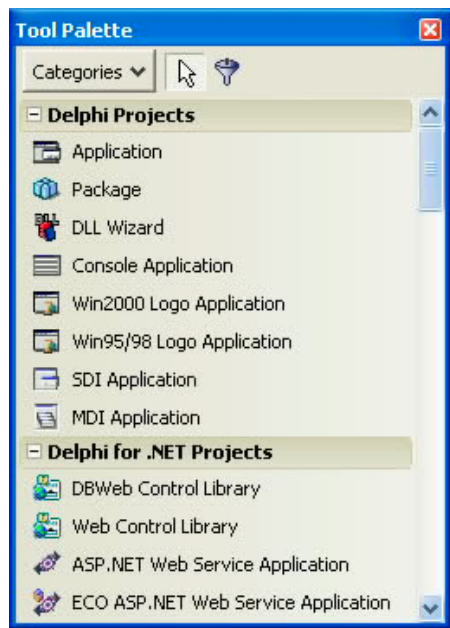
Tool

Palette .

Delphi 2005 Tool Palette

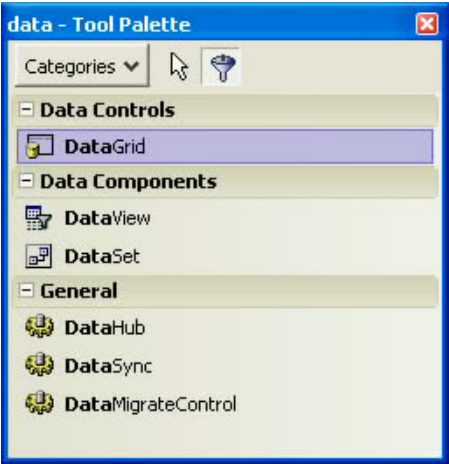
Tool Palette

Delphi 2005 Tool Palette Delphi
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Tool Palette
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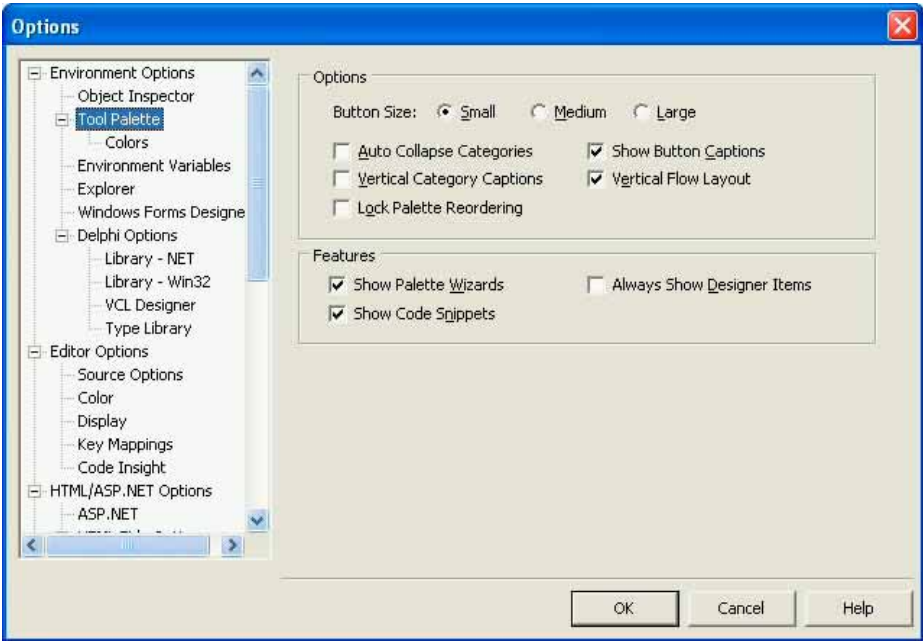


, Tool Palette

Tool Palette
가 . Tool Palette (Filter Current
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가
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Tool Palette 가 .
Tools| Options . Tool Palette configuration options
Options dialog box Tool Palette .



, Delphi 2005 Tool Palette - -
VCL 가
Delphi 2005

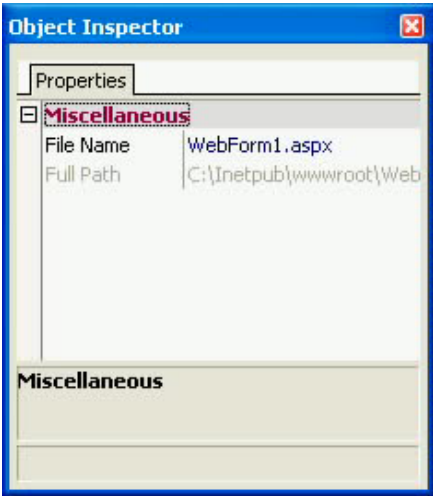
VCL.NET

Delphi VCL Tool Palette 가
(control) ,
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Palette Structure Pane
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가 Win32
.Net
Delphi 2005 Delphi 2005 help
"What's New in Delphi 2005" ..

Object Inspector

Delphi 2005 Object Inspector
, . Object Inspector
(property) (event) ,
ASP.NET .aspx
Object Inspector



File Name property 가 , Object Inspector
File Name .
,
(unit) 가 .
File | Save As .
Object Inspector .
.NET
, Object Inspector
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Upgrade Project

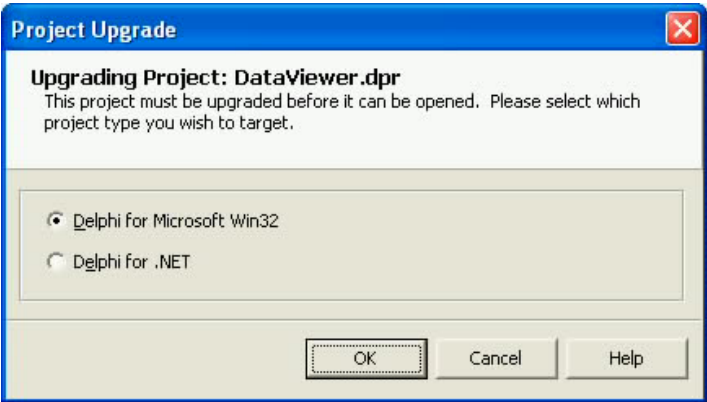
Delphi2005 Delphi Win32 , .NET
Win32 Delphi7
Win32 . Win32
VCL.NET . VCL.NET 100% .NET

- Win32 .NET

Upgrade Project Win32 Delphi2005

Win32 .NET

가 .



Delphi2005

Win32 ,

.NET

*.bdproj . *. Delphi2005

Project Upgrade 가 .

.NET Delphi2005 .NET

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Delphi 2005

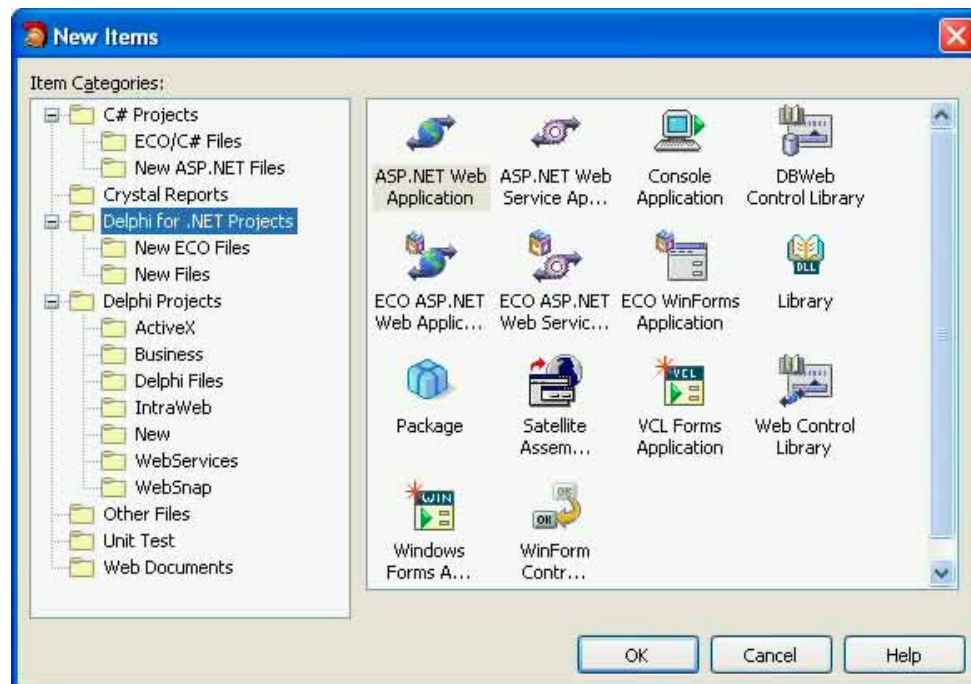
Delphi2005 , ,

. the ASP.NET Web

Application Wizard web.config, global.asax, initial .aspx file

IIS 가

Delphi2005



Delphi

. Win32 Windows 2000 Logo Wizard, DLL Wizard, Automation Object Wizard, Web Service Wizard, IntraWeb Application Wizard, Database Form Wizard the Thread Wizard . Delphi2005

.NET and C# ASP.NET Web Application Wizard, Windows Form Application Wizard, ASP.NET Web Service Application Wizard, Web Control Library Wizard

(Find in Files)

Find Text

Find in Files

Text to find:

Options

☒ Case sensitive ☒ Whole words only

☐ Regular expressions

Where

☒ Search all files in project ☐ Search all files in project group

☐ Search all open files ☐ Search in directories

Search Directory Options

File mask:

☒ Include subdirectories

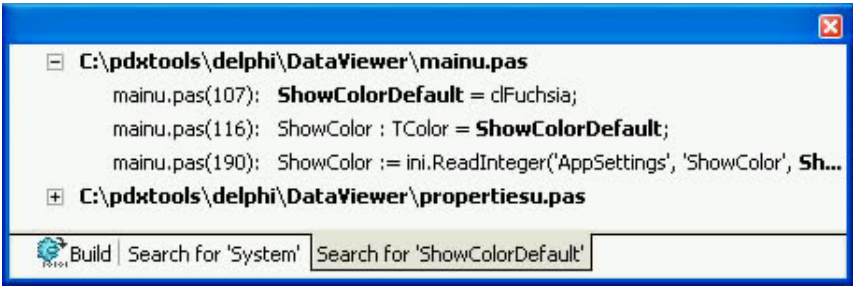
Output

☐ Display results in separate tab

☒ Group results by file

OK Cancel Help

가



International Characters

Delphi 2005 IDE , , UTF-8 Characters

Message List

Message List Delphi 2005 , .

Message List ..

IDE

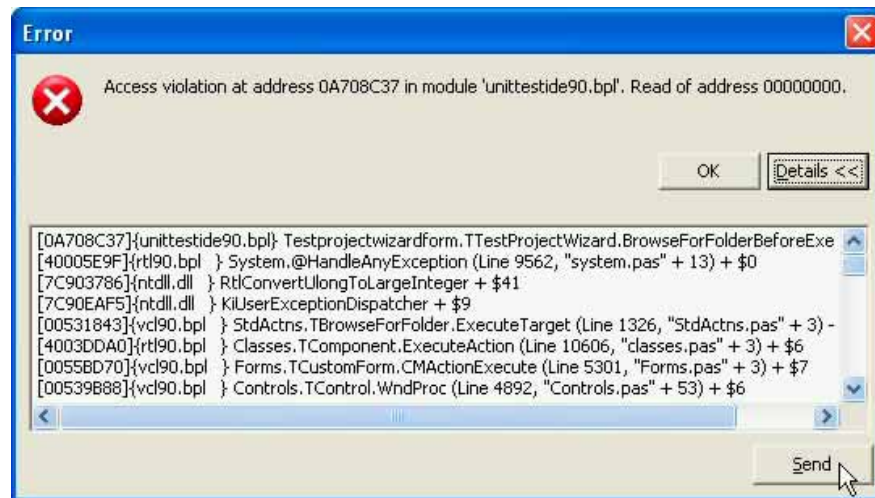
. 가

Quality Central (http://qc.borland.com) .

Delphi2005 IDE . IDE (Exception)

Delphi2005 .

Details .



Send

Send Report

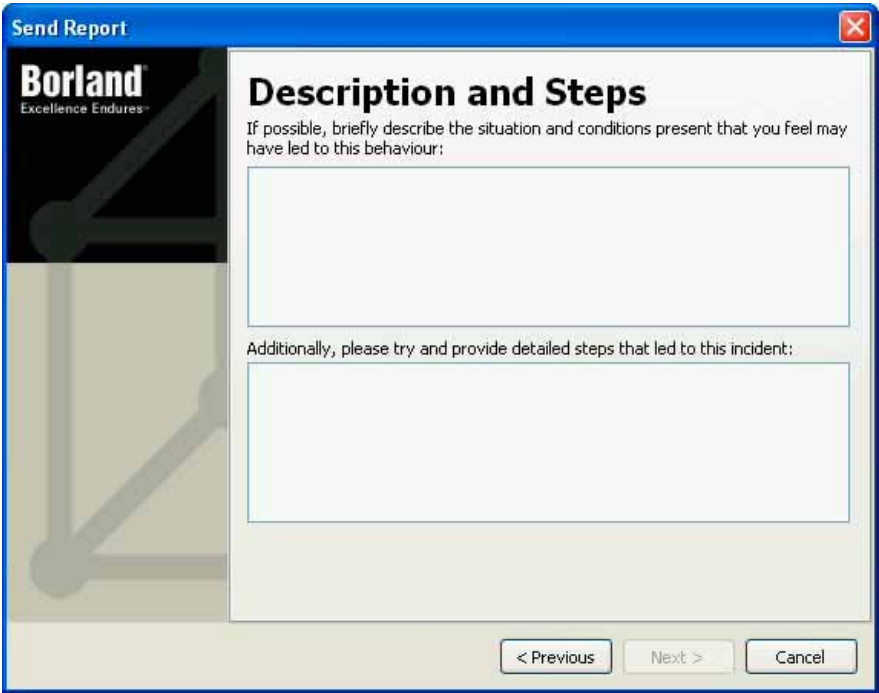


Next

가

Next

가



Next BDN(Borland Developer Network:<http://bdn.borland.com>)

. BDN

Borland's Quality Central 가 . Anonymous Report check

box 가 .

Next .

Visual Studio .NET IMPORT/EXPORT

Visual Studio .NET 2003 C# 가 Delphi2005

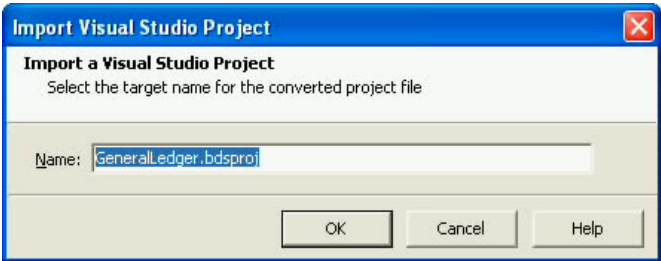
Delphi2005 IMPORT

.

Delphi2005 Visual Studio C# *.csproj

. Visual Studio IMPORT

. Delphi2005 , , ,
가 .
Visual Studio .NET 2003 C# Delphi2005
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Delphi2005 .NET .
Delphi2005 C# Visual Studio
Delphi EXPORT . Delphi
Tools | Export . 가 C#
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The Next Generation Code Editor

Borland®
Delphi™ 2005





Delphi 2005

Delphi 2005

Delphi2005

Delphi C#

가

, Sync Edit, Error Insight,

Help Insight,

가

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가 , ,

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Function

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Delphi 2005

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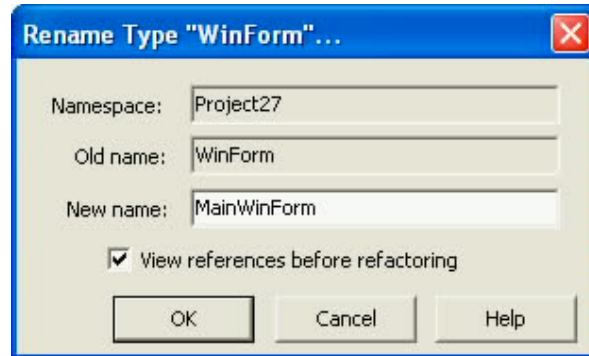
,

, Function,

,

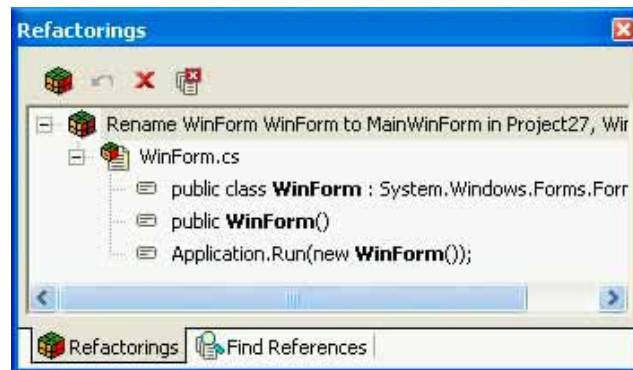
..

Refactor| Rename



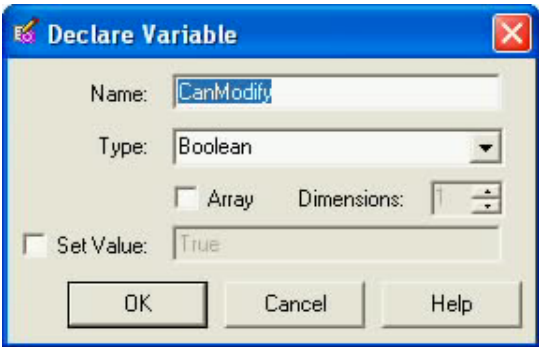
“View references before refactoring”

Delphi2005

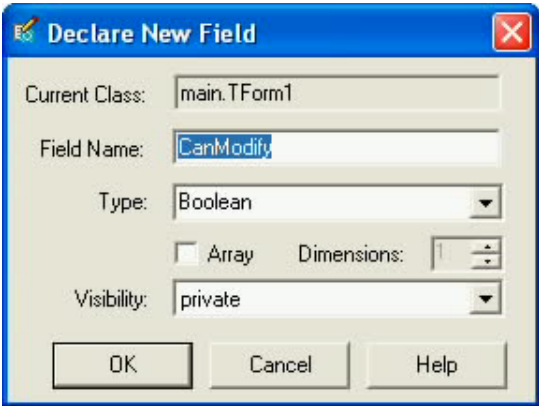


”Refactor”

Variable	Field
“Declare Variable and Declare Field”	
Local	
Variable	Member Field
C#	. (C#
	). Delphi
Variable	“var”
Member field	“type”
Local Variable	Member field
	Refactor Declare Variable or Refactor Declare
Field(	Ctrl-Shift-V
Variable	Ctrl-Shift-D
	“Declare Variable”



Declare Variable	Name	Type
	Dimensions	Set
Value		Local Variable
OK		
Declare Field	Field	
Visibility	Class	가
	Class	Field 가



Delphi

resourcestring

. C# resourcestring .

/ / 가

.

Delphi

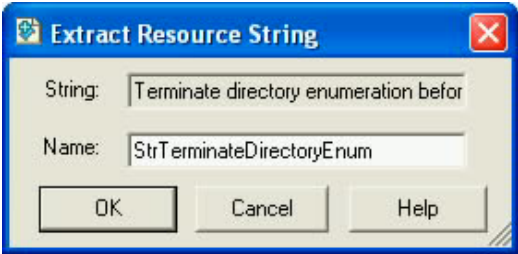
Refactor |

Extract Resource String . Extract Resource String

. OK

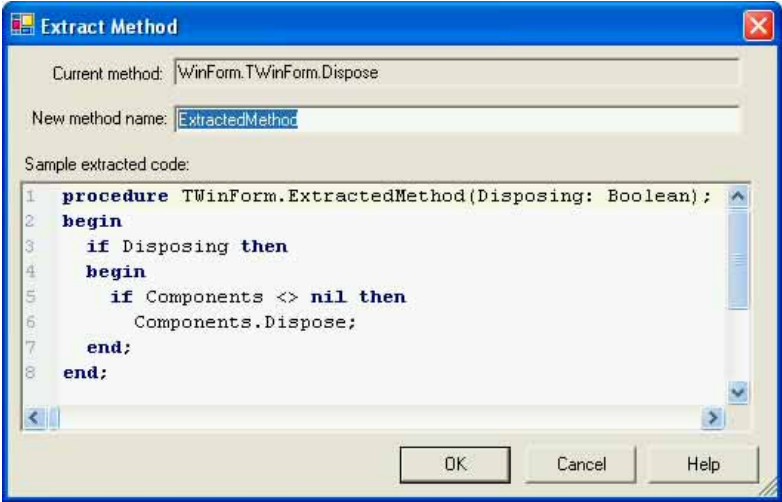
Unit

가



가
가
Delphi 2005 , Delphi .

Refactor | Extract Method . Extract
Method
가

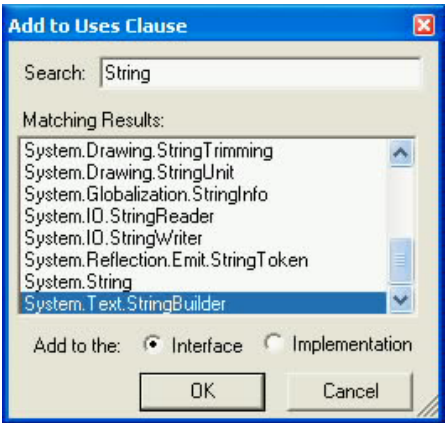


Delphi 2005 , ,
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Passed-by-Value
.
Passed-by-Reference(var) .

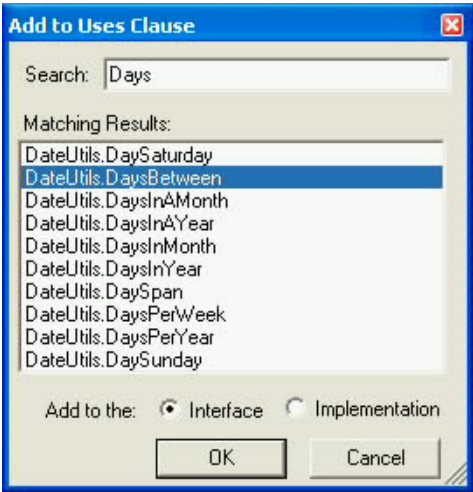
Namespace (C#) Unit (Delphi)

, Refactor Import
Namespace and Find Unit Namespace
. C# Refactor | Import Namespace , Delphi
Refactor | Find Unit .
가 가
namespace .

, 가 Delphi .NET Windows Forms , FCL,
RTL.NET(.NET Delphi)
.NET VCL VCL.NET namespace
.



Delphi Win32 VCL RTL Unit
.
Search 가 ,
가 namespace OK . Delphi
, namespace interface implementation
가 .



SyncEdit

SyncEdit Delphi2005 .
, SyncEdit 가
가 . 가
가 .
SyncEdit 가 2
가 .
DataTable1 2 .

```
496 procedure TForm1.InitializeDataComponent;  
497 var  
498     i: Integer;  
499     DataTable1: DataTable;  
500 begin  
501     Connection1 := SqlConnection.Create(conStr);  
502     Connection1.Open();  
503     DataAdapter1 := SqlDataAdapter.Create(selectStr, Connection1);  
504     DataAdapter1.Fill(DataSet1, 'customers');  
505     DataTable1 := DataSet1.Tables['customers'];  
506     DataView1 := DataTable1.DefaultView;  
507     //Bind the DataGrid  
508     DataGrid1.SetDataBinding(DataView1, '');  
509     //Bind the TextBoxes
```

SyncEdit

가

Shift-Ctrl-J SyncEdit

SyncEdit ,

가 ,

..

```
496 procedure TForm1.InitializeDataComponent;  
497 var  
498     i: Integer;  
499     DataTable1: DataTable;  
500 begin  
501     Connection1 := SqlConnection.Create(conStr);  
502     Connection1.Open();  
503     DataAdapter1 := SqlDataAdapter.Create(selectStr, Connection1);  
504     DataAdapter1.Fill(DataSet1, 'customers');  
505     DataTable1 := DataSet1.Tables['customers'];  
506     DataView1 := DataTable1.DefaultView;  
507     //Bind the DataGrid  
508     DataGrid1.SetDataBinding(DataView1, '');  
509     //Bind the TextBoxes
```

SyncEdit ,

DtaTable CustTable .

```
procedure TForm1.InitializeDataComponent;
497 var
498     i: Integer;
499     CustTable: DataTable;
500 begin
501     Connection1 := SqlConnection.Create(conStr);
502     Connection1.Open();
503     DataAdapter1 := SqlDataAdapter.Create(selectStr, Connection1);
504     DataAdapter1.Fill(DataSet1, 'customers');
505     CustTable := DataSet1.Tables['customers'];
506     DataView1 := CustTable.DefaultView;
507     //Bind the DataGrid
508     DataGrid1.SetDataBinding(DataView1, '');
509     //Bind the TextBoxes
```

SyncEdit 가 Function , ,

가 SyncEdit 가

SyncEdit

가 .

Error Insight

Delphi 2005 Error Insight

 , . 가 Delphi

C# IDE 가 , , 가 Error

Insight 가 .

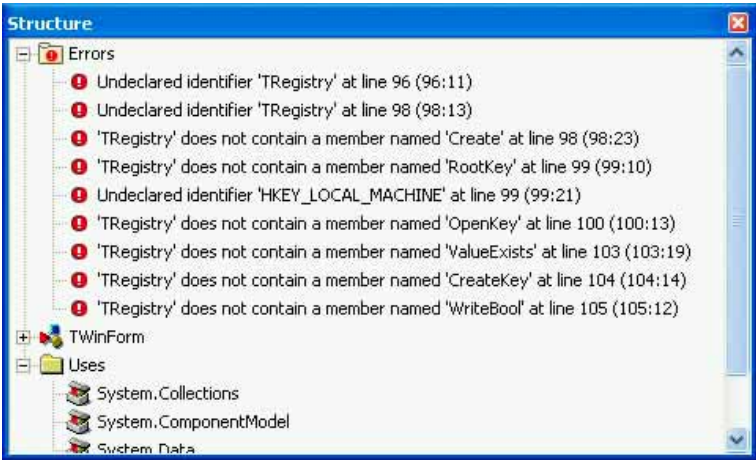
```
procedure TForm1.Button1_Click(sender: System.Object;  
  e: System.EventArgs);  
var  
  RegVar: TRegistry;  
begin  
  RegVar := TRegistry.Create;  
  RegVar.RootKey := HKEY_LOCAL_MACHINE;  
  if RegVar.OpenKey('HKEY_CURRENT_USER\Software\' +  
    'Borland\BDS\3.0\Form Design', False) then  
  begin  
    if not RegVar.ValueExists('Embedded Designer') then  
      RegVar.CreateKey('Embedded Designer');  
    RegVar.WriteBool('Embedded Designer', False);  
  end;  
end;
```

가

가

Erros

가



, TRegistry

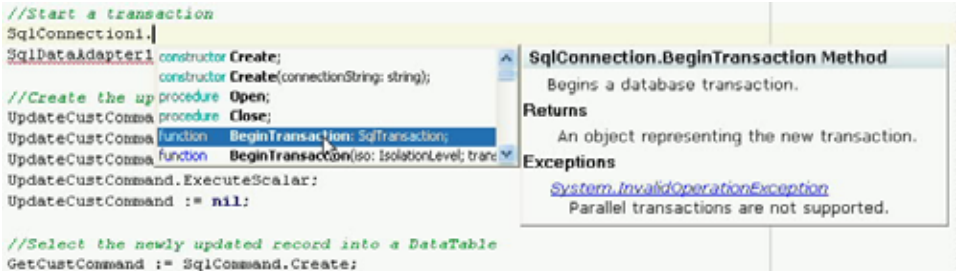
Borland.Vcl.Registry

HKEY_LOCAL_MACHINE

Borland.Vcl.Windows unit's usage

, Help Insight SqlConnection BeginTransaction
. Help Code Insight(Code Completion)

Begn Transaction



Option Code Insight Help Insight 가 .

Delphi2005 가 가

. Code Editor History Tab
가 ,

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Local , Delphi IDE

10 .

StarTeam

StarTeam .

. StarTeam 가

StarTeam Delphi2005 .

History Manager VCL VCL.NET DFM .

DFM ,

Delphi

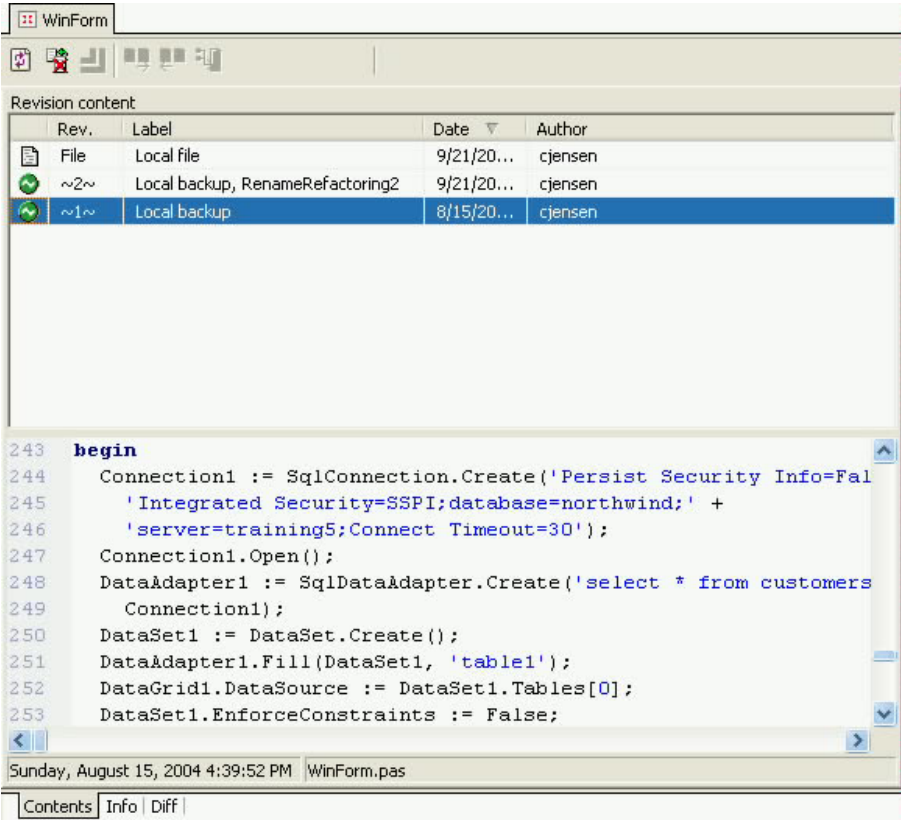
DFM .

3 Content, Info, Diff .

..

Content

Content 가



(Ctrl-C) 가 (Ctrl-V)

가 .

Rever

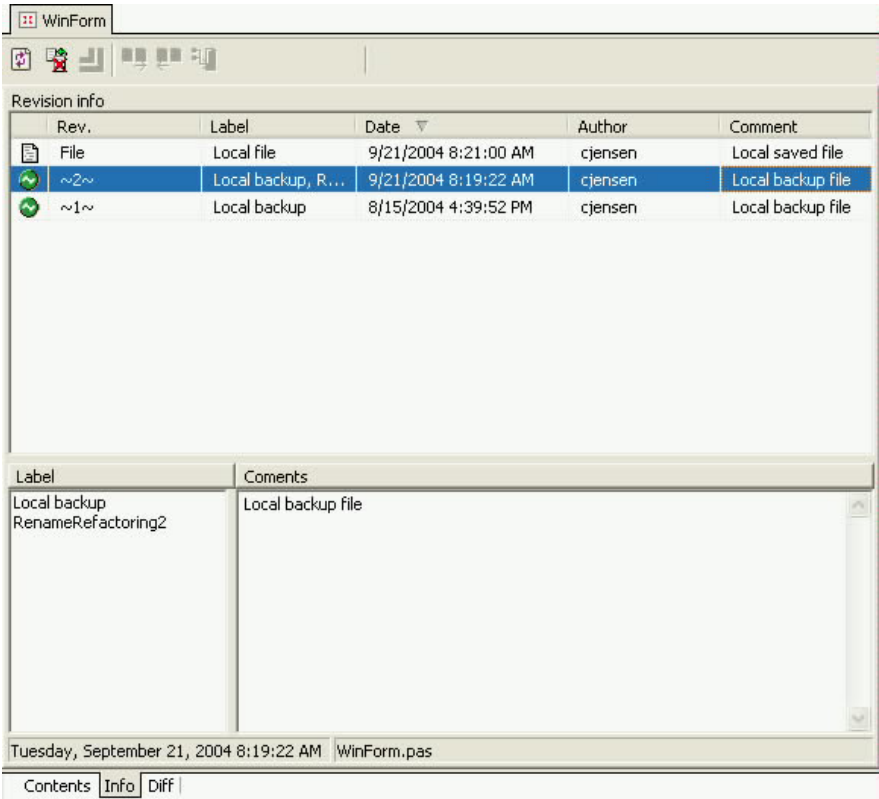
Info

가 . 가

StarTeam StarTeam

Delphi 2005

가



Diff Pane

Diff

가

Diff

가

Differences From

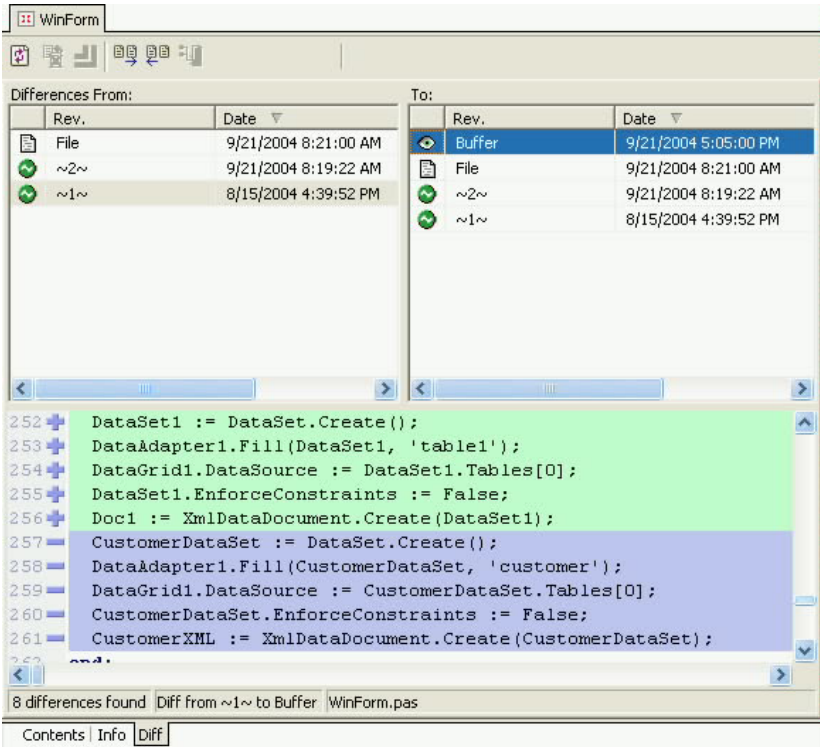
To

Buffer

(+)

가

(-)



Code Navigation

Delphi 2005 Code Navigation Delphi

. Ctrl-Shift-Up (Ctrl-Shift-Down) Delphi

Delphi Code Navigation

. interface implementation

unit initialization finalization Ctrl-Shift-Up

Code navigation C# C# 가 . -
C# Delphi 2 .

Delphi2005

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(
) Toggle Comment Ctrl-/ .
Delphi2005 “//” 가 .

Toggle Comment
Ctrl-/ . “//”가 .

. Ctrl-Shift 0 9
가 가 . 가
가

가 가 Ctrl + 0-9
. Ctrl-Shift-1
가 Ctrl-1

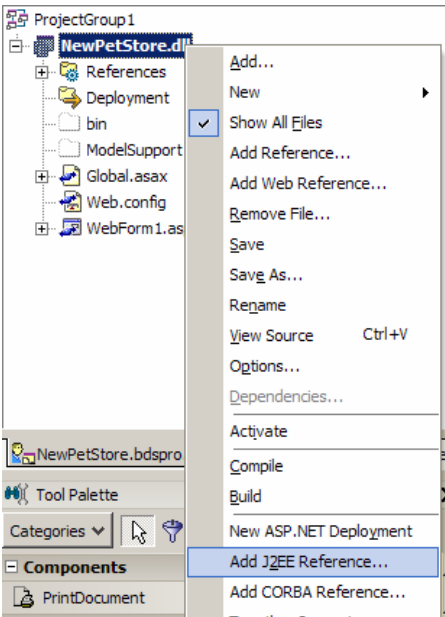
Delphi2005 . 가
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Delphi 2005 | Tools | Option
Environment Option . Autosave Options Project desktop

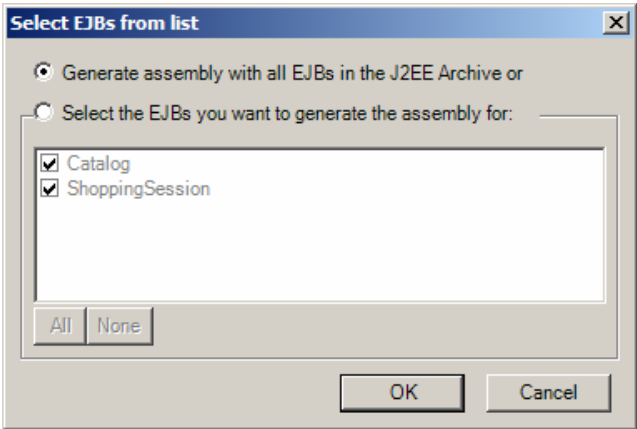
J2EE / CORBA .NET – Janeva

Janeva() J2EE(Java 2 Enterprise Edition)
CORBA(common object request broker architecture Delphi 2005
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.NET .NET
가 .

J2EE CORBA Delphi2005 , Delphi2005 Menu |
Project Add J2EE Reference Add CORBA Reference



J2EE EJB jar/ear CORBA
IDL . J2EE EJB jar ear
Enterprise Java Bean .



OK .

Delhi2005 가 . 가
ANSI, Binary, UTF8 .

File Format .

LOCALE

UTF-8 LOCALE

PC .

VCL.NET

Borland®
Delphi™ 2005



VCL.NET

.NET Delphi (.NET
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.NET . VCL.NET 가 . ,
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Delphi 2005(.NET Delphi 8)
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VCL.NET VCL Win32 .
Win32 Delphi .NET .
Delphi 2005 가 VCL.NET .
가
Delphi Win32 .NET .
가 (RCWs) (PInvoke) . Delphi
2005 가 (VLI)
. 가 .NET Pinvoke 가
.NET Win32 DLL .
.NET .NET Pinvoke
. Pinvoke [DllImport]
DLL
DLL export import .
Pinvoke 가 . , [DllImport]
DLL () . ,

DLL 가 , [DLLImport]
DLL Export
Win32 Delphi Win32 DLL Export
:

```
function ConvertCtoF(CentValue: Integer): Integer; stdcall;  
function ConvertFtoC(FahrValue: Integer): Integer; stdcall;
```

Pinvoke Import unit
가 (Win32DLL.dll DLL):

```
function ConvertCtoF; external;  
[DllImport('Win32DLL.dll', CharSet = CharSet.Auto,  
EntryPoint = 'ConvertCtoF')]  
function ConvertFtoC; external;  
[DllImport('Win32DLL.dll', CharSet = CharSet.Auto,  
EntryPoint = 'ConvertFtoC')]
```

가 DLL
Import 가 가 가
DLL 가
DLL

- .Vcl.Win32 namespaces uses 가
 - , DLL Export
 - .Vcl.Win32 unit Supports Funtion , DLL (가 ,
- Supports funtion DLL export funtion
, Supports 가 Supports

2

.

DLL

.

.

named DLL

export

named

DLL

exception

Supports

false

DLL

가

typeIWin32DLLInt = **interface****function** ConvertCtoF(CentValue: Integer): Integer;**function** ConvertFtoC(FahrValue: Integer): Integer;**end;**

Win32DLL.dll

가

mylib

, 가 IMyWin32DLL

(ConvertCtoF) 가

var

MyDLL: String;

MyWin32DLL: IWin32DLLInt;

begin

MyDLL := ExtractFilePath(Application.ExeName) +

'\\mylib\\Win32DLL.dll' ;

if not Supports(MyDLL, IWin32DLLInt, MyWin32DLL) **then**

MessageBox.Show(self, 'Could not load Win32DLL.dll')

else

NewInt := MyWin32DLL.ConvertCtoF(100);

(Partially Trusted Callers)

VCL.NET .

.

, URL .exe

.NET 가

가 API

.

VCL.NET Delphi 2005 .NET VCL.NET

가

.

Delphi

Borland®
Delphi™ 2005



Delphi

Delphi 2005 . Delphi 2005 가 .
 가 C# . , Delphi 2005
 C# Intermediate
 Language(IL) .
 가 Delphi . 32
 가 .NET IL
 . 가 Delphi 2005
 Delphi Win32 .NET 가 .

Win32 .NET Delphi

가 Delphi 2005 Delphi 가 .가
for...in .
For...In
 Delphi C# **foreach**
 . Delphi **for...in** . Delphi
for...in .
 , **for...in** .

, DataTable's Rows (DataRowCollection
) DataRows .

```
var
  Row: DataRow;
begin
  //...
  for Row in MyDataTable.Rows do
    ListBox1.Items.Add(Row[0].ToString);
```

.NET Delphi **for...in**
 . IEnumerable GetEnumerator
 , , , . Win32
for...in public GetEnumerator function 가 , , ,
 . GetEnumerator TList, TCollection, TStrings,
 TMenuItem, Tfields .

UTF8

Delphi UTF8 Unicode .
 ANSI .NET Delphi
 CLS (common language specification)

.NET Delphi

.NET Delphi .NET Delphi 8
 .NET 가
 . namespaces , (forward-declared record
 type) , .NET VCL
 .NET Delphi .

Delphi Namespaces

.NET 가 unit namespaces
unit namespace .

C# Delphi 가 namespaces
namespaces , namespaces
, namespace .

Delphi 2005 namespaces unit
namespaces
unit namespaces 가 .
. unit (.) , unit
namespaces .
unit
namespace unit . , unit
YourCompany.Data.Unit1 unit YourCompany.Data
namespaces . YourCompany.Data.Unit2 YourCompany.Data.Unit3 unit
YourCompany.Data namespaces .

Delphi , , , 가 .NET
 , YourCompany.Data.Unit1
Delphi unit .NET namespaces
YourCompany.Data.Units Unit1 .

.NET Delphi Delphi
 .NET
Delphi 가 .NET

.NET 가 Delphi
procedure funtion .

.NET VCL
VCL.NET .NET .

(DLL) VCL.NET .

가 DLL unit
DLL 가
UNIT .
DLL .

DLL PenWin.dll .
DLL OS DLL . Delphi PenWin unit
DLL PenWin.dll . unit PenWin
, PenWin.dll
, UNIT
PenWin.dll 가 .
UNIT PenWin.dll PenWin.dll .

unit
unit 가 .
, unit unit
(DCPIL) , , DLL

. unit 쓰 unit
DLL .
Delphi Win32 가 unit
.NET Delphi .
) (Forward Declared 0
.NET Delphi VCL FCL .
가
.
가 가 .
, , 가 , ,
.
.

Delphi Win32

Delphi Win32 .NET Delphi 2005 가
Win32
.NET . ,
Delphi Wi32 .NET
. Delphi .
가 IDE Win32
.NET
가 Win32
.

Win32 Delphi
2005 Delphi Win32 가 .

Funtion Inline

Funtion Inline Win32 가 .
(, funtion, procedure)
. Funtion Inline function , procedure,
.
가 가 .
가 funtion, procedure, .
.
가 , 가
.
{ \$INLINE } . ON, OFF,
AUTO . ON
가 가
. OFF
.
AUTO { \$INLINE }
가 32 .
Funtion Inline 가 .
{ \$INLINE } AUTO
가 가 ,
가 .
.

. ,
. 가 ,
.
가 VCL RTL
. , 가
가 .

Nested Type

Nested Type . .NET Delphi
Nested Type . Delphi Win32
.
Nested Type . Delphi 2005
Nested Type .

```
type
  TOuterClass = class
    strict private
      myField: Integer;
    public
      type
        TInnerClass = class
          public
            myInnerField: Integer;
            procedure innerProc;
          end;
          procedure outerProc;
        end;
      end;
```

Nested Type

Nested Type .. Nested Type

Funtion . ,

. Nested

Type .

Nested Type .NET 가 . Win32

. , , Nested

Type 가 . TdateTime .

Nested Type .

```
type
  TTemperatureConverter = class(TObject)
  public
    const AbsoluteZero = -273;
    procedure ConvertFtoC(Temp: Integer): Integer;
  //...
```

4 SSE3 SSE2 Op

Delphi Win32 가 4 SSE3 SSE2 op ,

.

XML

XML .NET Delphi 8 C#Builder . Win32

XML .

XML Doc XML

. Delphi 2005 |

.

The Delphi Debuggers

Borland®
Delphi™ 2005



Delphi

Delphi 2005 가 Win32 .NET

Delphi 2005 가 IL Win32 .NET

Delphi 2005 , ASP.NET , Windows Forms , VCL.NET , Delphi 2005 .NET , COM () Win32 DLL , Delphi 2005 Win32 .

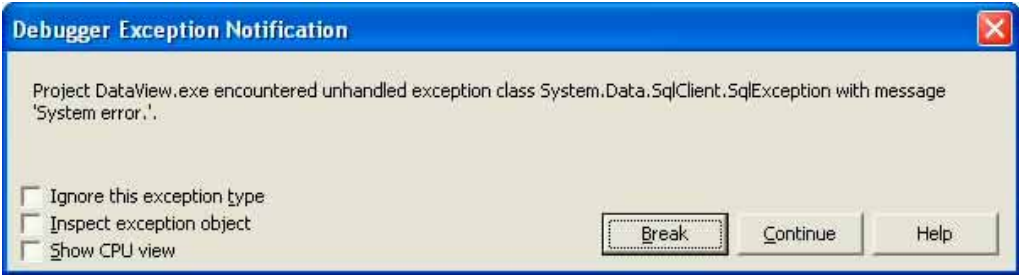
가 .NET Win32

Delphi 2005 Breakpoint , Call Stack , , CPU ,

.
.
.
가 가 . ,
.
.
Win32 가
Breakpoint . Breakpoint .NET
가 .
Win32 .NET 가 CPU .NET 가 IL .
Win32 IL Win32
.
Delphi 2005 .

Exception Dialog Enhancements()

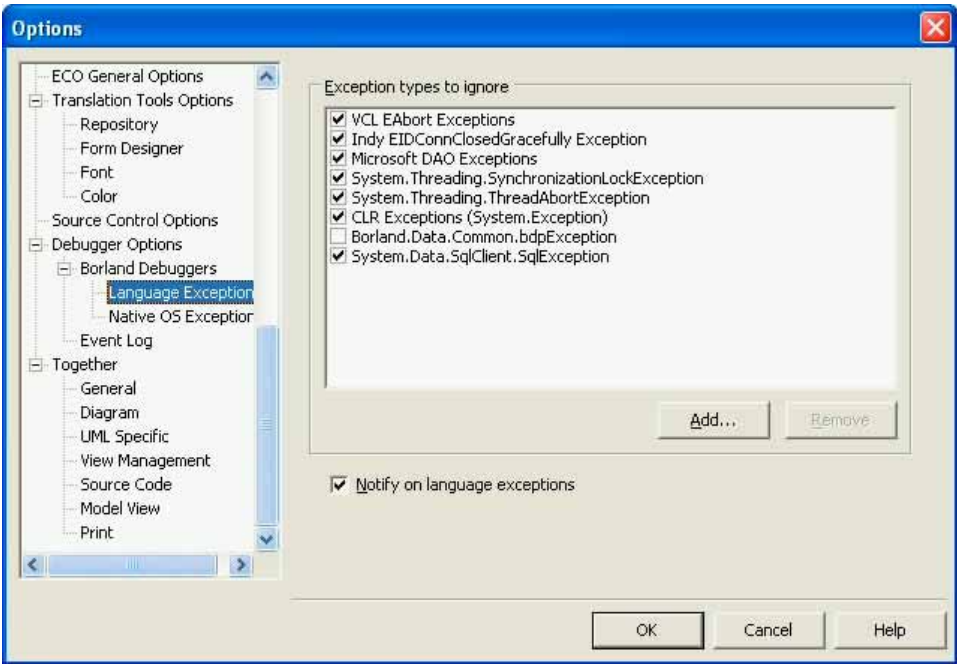
Exception . Exception
() Delphi 2005 IDE
가 . ,
, 가 가
. Exception Dialog .



Delphi 2005 Debugger Exception Notification 가

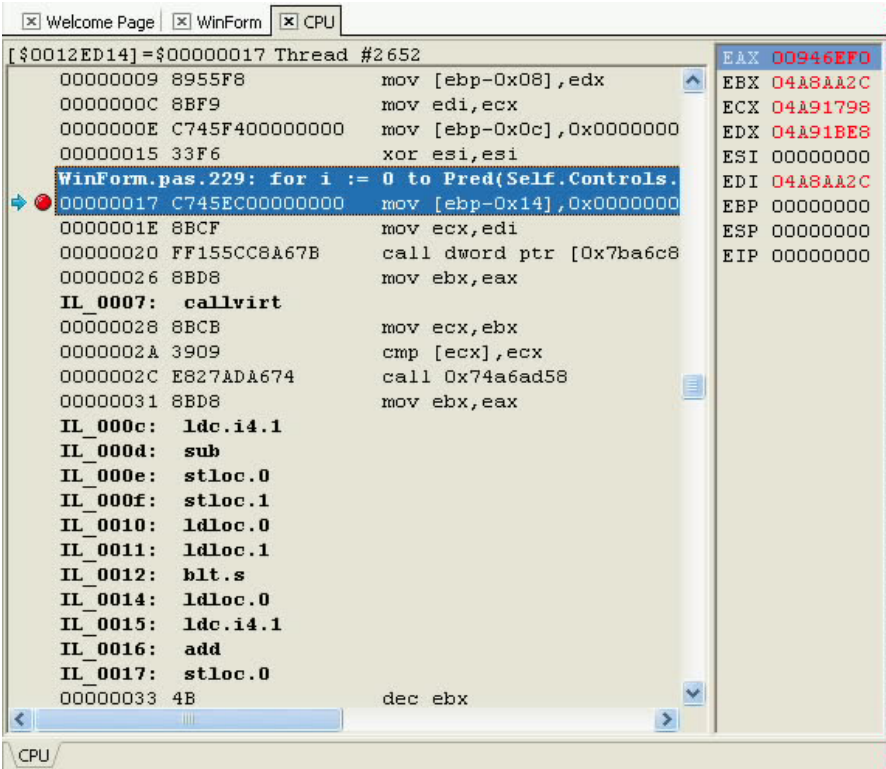
Ignore the exception type 가
가

Exception
Exception .(
.)

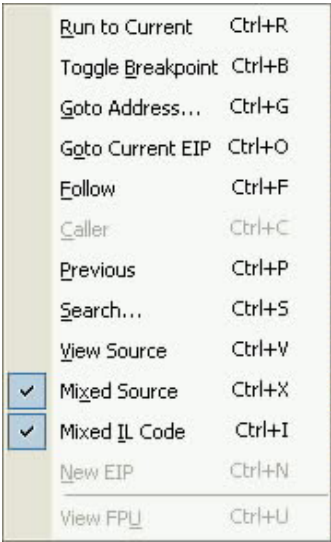


Debugger Exception Notification Ignore this exception type
Break , Debugger Inspector 가

.NET CPU CPU
Breakpoint ()
Breakpoint Delphi .NET Delphi 가
IL JIT 가



() IL 가
CPU . 가
가 . IL 가 IL . 가
off JIT .



Breakpoints(Breakpoint)

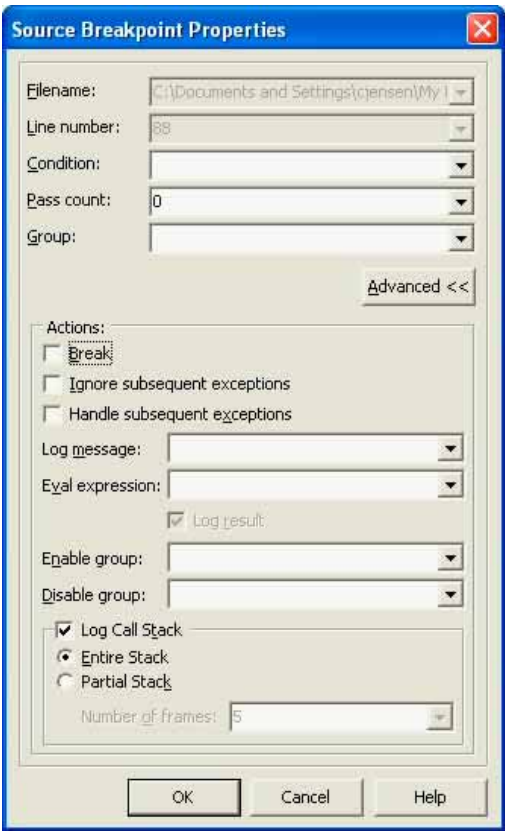
Breakpoint 가

Delphi 2005 Breakpoint 가 . 가

The Log Call Stack Breakpoint Option(Breakpoint)

, , Breakpoint
.
Breakpoint

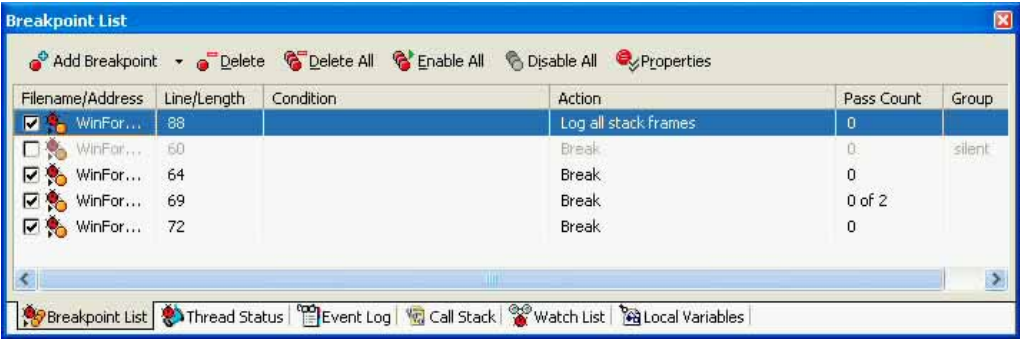
. 가
Breakpoint .



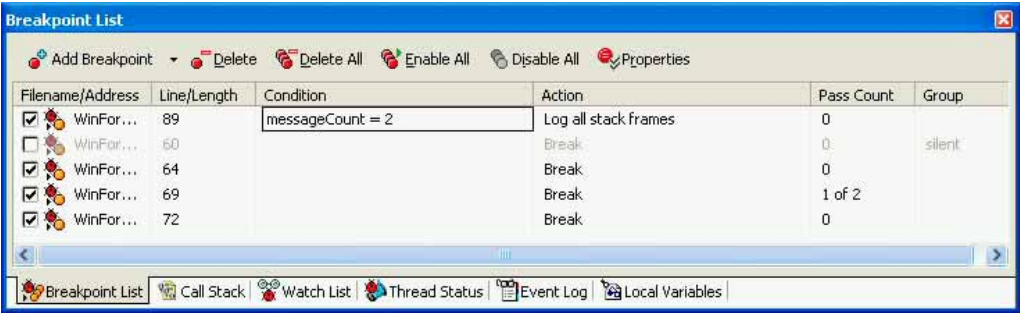
Breakpoint
가 Breakpoint

Breakpoint Dialog Box (Breakpoint)

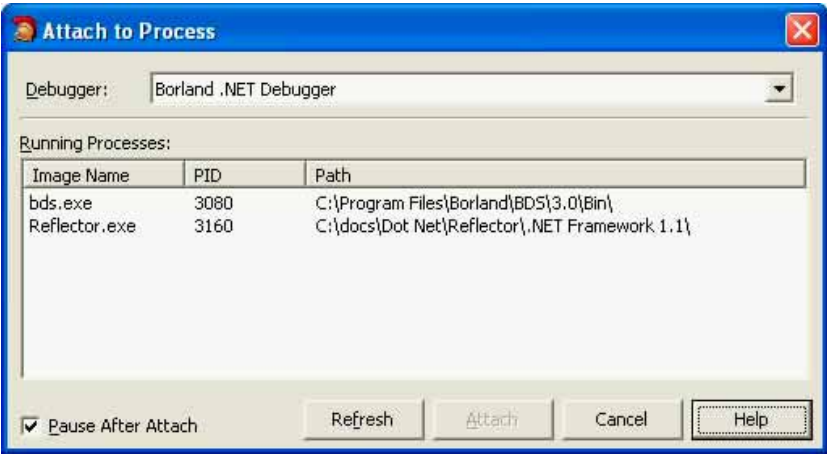
Breakpoint 가 가 . , Breakpoint , , , .



Breakpoint Dialog 가 Breakpoint Breakpoint 가 . Breakpoint Breakpoint , , Pass Count, . Breakpoint Condition .



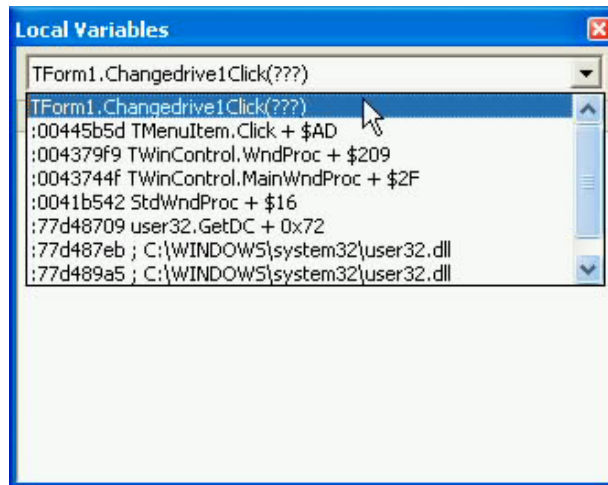
Delphi 2005
Attach , Delphi 2005
.NET , CLR (common language runtime)가
가



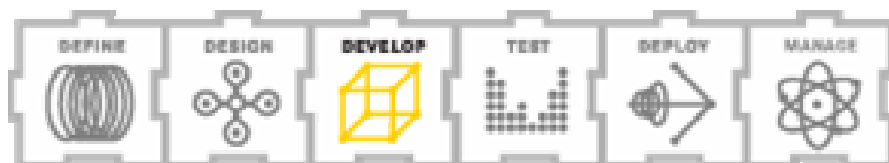
Win32 , Win32
가
Delphi 2005 |

Win32 Evaluator
Delphi 8 C#Builder Call
Stack Win32

Win32 가 가 . (가
View | Debug Window | Local Variable Ctrl-Alt-L
) 가



Borland® Delphi™ 2005





Delphi
Delphi2005

ODBC (open database connectivity) OLEDB Providers
Win32
BDE (Borland Database Engine), dbExpress, IBExpress (InterBase Express), dbGo for ADO, MyBase (ClientDataSet) DataSnap

Delphi for .NET Delphi Win32
.NET Win32
VCL.NET

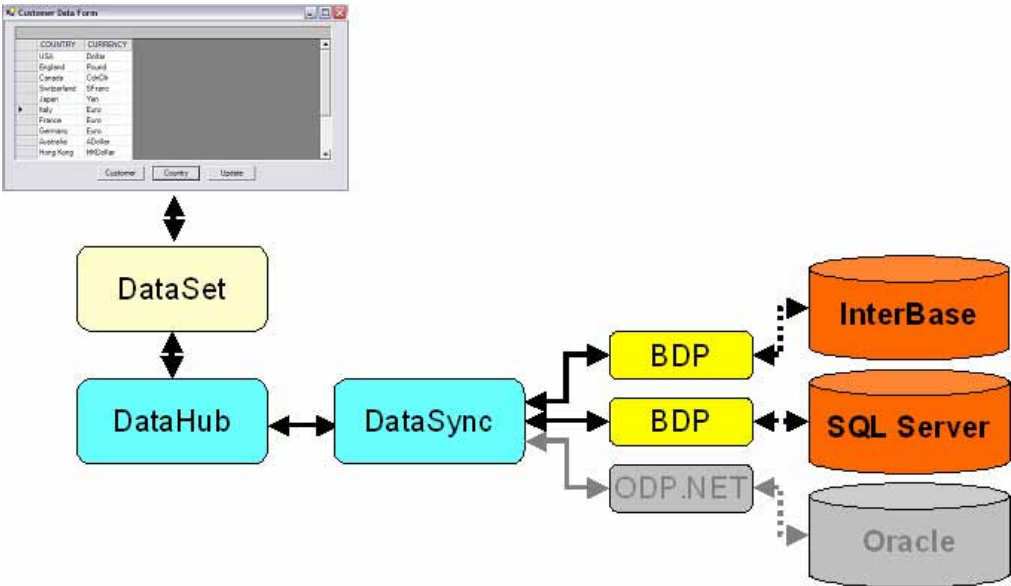
Delphi .NET C# ADO.NET FCL
Delphi .NET C# 가
, ADO.NET Dta Provider . BDP(Borland
Data Provider) ADO.NET BDP
, ADO..NET

Delphi 2005 Delphi8 C#Builder
가

ADO.NET RAD

ADO.NET .NET
ADO.NET Delphi ADO.NET

Delphi
.NET RAD , ADO.NET Delphi
가 .
ADO.NET RAD ADO.NET
가 . DataSync DataHub 가
. RemoteServer
ADO.NET RemoteConnection .
가 .
DataSync DataHub ,
Delphi 2005 ADO.NET
가 , DataSync DataHub . ADO.NET
Data Provider
, ,
. DataSync DataHub ADO.NET 가
. DataSync DataHub ADO.NET DataSet
IDbConnection ADO.NET
 ,



DataSync DataHub (data remoting components) .NET

DataSync

DataSync Data Provider , DbDataAdapter
 . DataSync , DataSync 가
 DataTable

DataTable

DataSync 가 DbDataAdapter DataSync 가

Data Provider Data Provider
 FCL , SqlDataAdapter OdbcDataAdapter
 IBM.Data.DB2 Oracle.Data.Provider 3
DataSync

DataHub

DataHub DataSync DataSync

DataSet

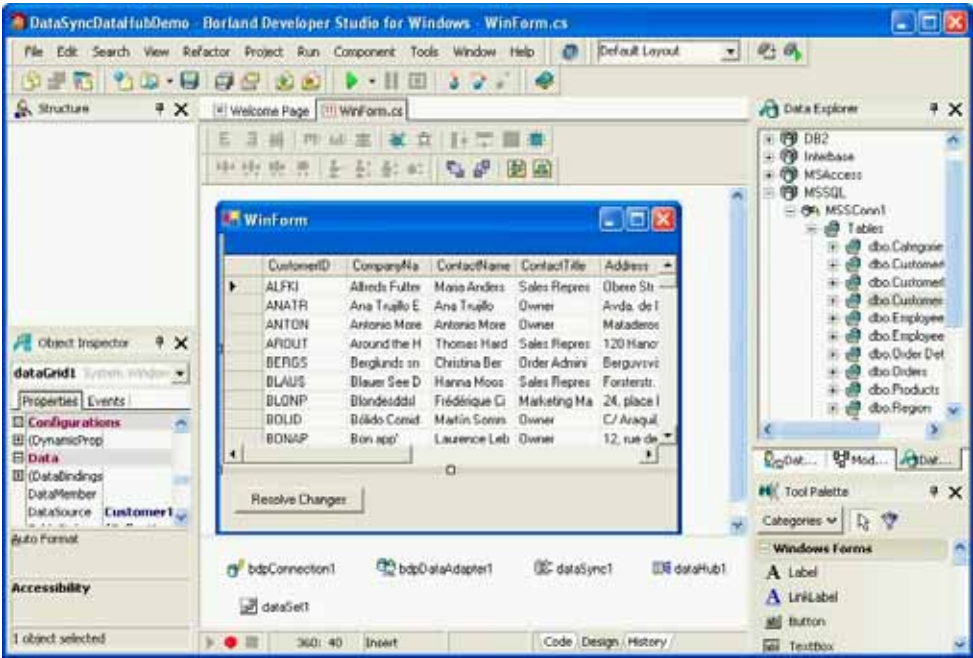
. , DataHub . DataSync DataHub 가

BDP 가

C# DataSet DataSync

DataHub . DataGrid

DataSync/DataHub



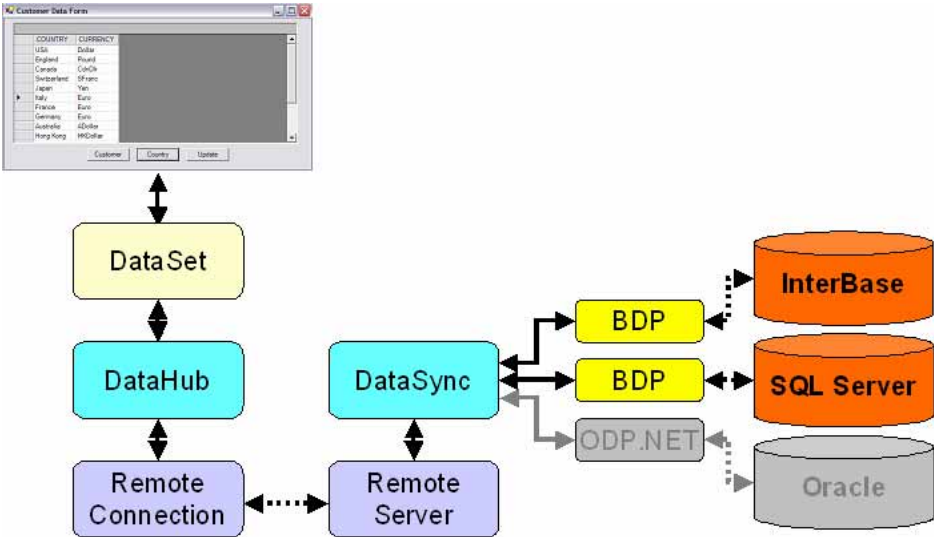
DataHub

. DataHub ApplyChanges

DataSync DataSync DataTables

가 Resolve
Changes dataHub1.ApplyChanges() .
RemoteServer RemoteConnection (remoting)
.NET .NET (remote objects)
.
DataSets 가
,
가 .NET .
, DataSets 가
.
Delphi 2005 .NET 가
DataSync DataHub . 가 ,
RemoteServer RemoteConnection DataSync DbDataAdapters 가
DataHub DataSet 가
. RemoteServer RemoteConnection DataSync

DataHub



RemoteServer

RemoteServer

DataSync

RemoteConnection

. RemoteServer RemoteConnection

HTTP TCP

RemoteServer

DataSync

DataSync

DataSync

가

Provider

. ChannelType (Http Tcp)

, Port listen

on

, URI(가)

RemoteConnection

RemoteConnection

DataSync

. RemoteConnection

가

ChannelType, Port, URL, URI .

Provider 가 RemoteConnection ProviderType .

RemoteConnection DataHub

RemoteConnection . DataHub RemoteConnection

DataSync .

DataSync 가 DataHub

. RemoteConnection RemoteServer .NET

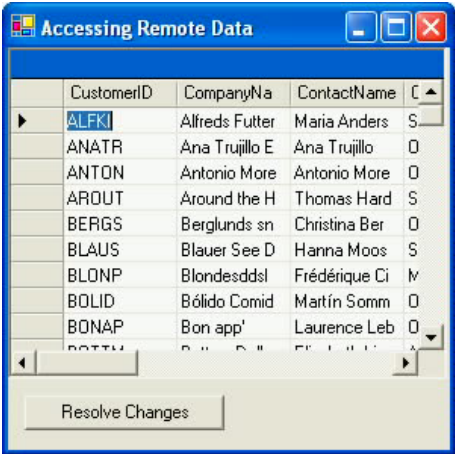
DataSync DataHub .

DataGrid DataSync . ,

Delphi C# .

. ,

.



ADO.NET Borland Data Provider

Borland Data Provider for ADO.NET ADO.NET

. ADO.NET BDP

가

ADO.NET .

ADO.NETBDP BDP

DataSync, DataHub BDP . DataSync

DataHub 가 ADO.NET

Delphi 2005 ADO.NET BDP 가 .

BDP Oracle Sybase

ADO.NET BDP BdpCopyTable 가 .

1 ADO.NET BDP

. BDP Data Explorer(

) Copy Table .

ADO.NET BDP . ADO.NET

BDP 가 가

BDP Provider . BDP

ADO.NET

BDP ,

Data Explorer .

BDP Data Explorer

Data Explorer Oracle, DB2, MS SQL Server, InterBase, MS Access ADO.NET BDP

ADO.NET . Data Explorer

, , Stored Procudure Delphi 2005 IDE . Data
Explorer BdpConnections , BdpDataAdapters BDP

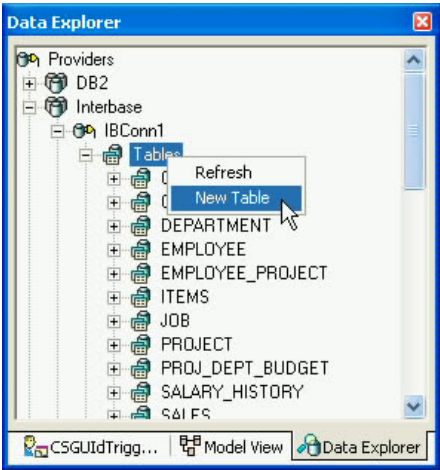
Data Explorer Delphi 2005 . Data Explorer

Stored Procedure , ADO.NET BDP

Data Explorer Delphi 2005 IDE
 , , . ADO.NET BDP
 . Delphi 2005

ADO.NET

Data Explorer (connection) , Tables
New Table .



Delphi 2005 Table Designer

Tables

Alter . (

Drop .) PROJECT Table

Designer

Table Design: PROJECT						
	Column name	Data type	Precision	Scale	Nullable	Primary
▶	PROJ_ID	CHAR	5	0	☐	☒
	PROJ_NAME	CHAR	20	0	☐	☐
	PROJ_DESC	VARCHAR	8	0	☒	☐
	TEAM_LEADE	INTEGER	2	0	☒	☐
	PRODUCT	SMALLINT	12	0	☒	☐
*		DOUBLE PREC				
		NUMERIC				
		DECIMAL				

ADO.NET BDP

Data Explorer ADO.NET BDP

, 1

Data Explorer

Copy

Paste New Table Name 가

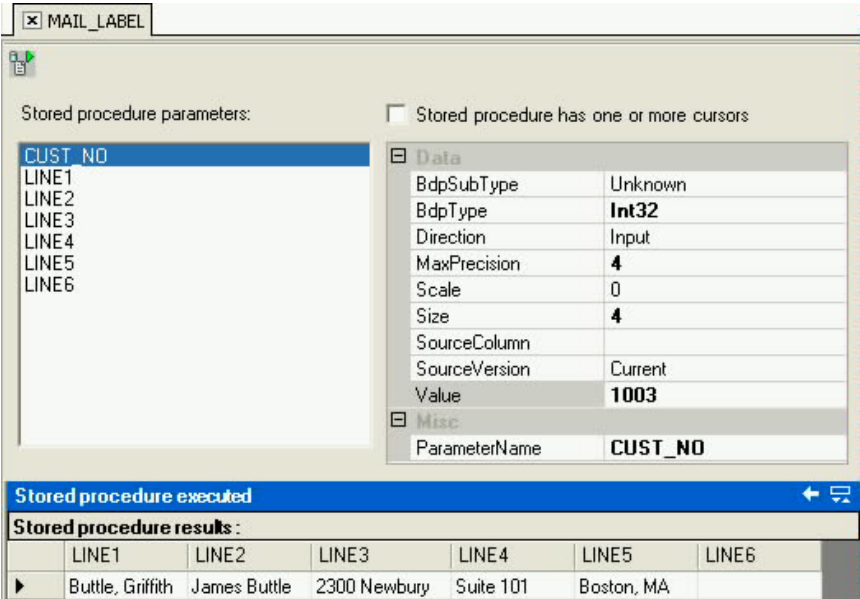


OK .

Delphi 2005

Stored Procedure

Stored Procedure Data Explorer 가
 . Stored Procedure , Data Explorer Stored
Procedure View Parameters .
Delphi 2005 Stored Procedure , ,
 , Stored Procedure
 , Stored Procedure Execute()
 . Delphi 2005 Stored Procedure Stored Procedure
(가 가
) .
가 Stored Procedure . 1003
(mailing label) .



Delphi2005

. Delphi 2005
. Delphi 2005 Delphi C# .NET
Business Objects for Borland Delphi Crystal Report
. Delphi VCL (VCL Forms (Win32) VCL.NET)
Nevrona Designs Rave Reports Borland Edition .

.NET VCL

.NET Framework Delphi 8 Win32 Delphi
. Delphi 2005

가 가 가 dbGo ADO . dbGo
ADO VCL TDataSet .
OLEDB Providers VCL TDataSet

ActiveX Data Objects . Delphi 2005 VCL.NET dbGo for ADO

VCL.NET 가 TStoredProc, TSimpleDataSet, TNestedDataSet, TUpdateSql .

DataSnap 가 가 . DataSnap

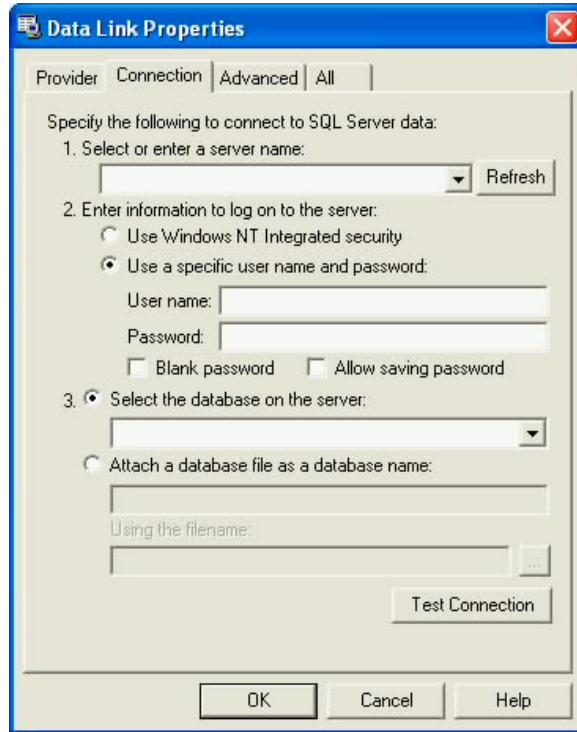
. VCL.NET TConnectionBroker, TSharedConnection, TLocalConnection .

ADO.NET

Delphi 2005 SQL Connection, ODBC Connection, OLEDB Connection

ADO.NET . (ADO.NET BDP , ADO.NET .NET Data Provider .)

Delphi 2005 IDE 가 Object Inspector ConnectionString (...) Connection String 가 . SqlConnection ConnectionString Connection String .



Borland® Delphi™ 2005

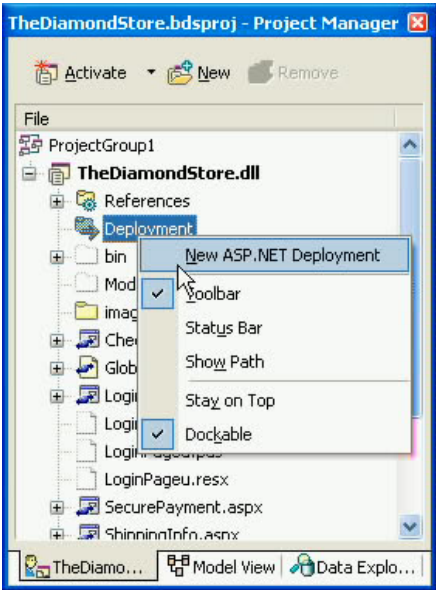




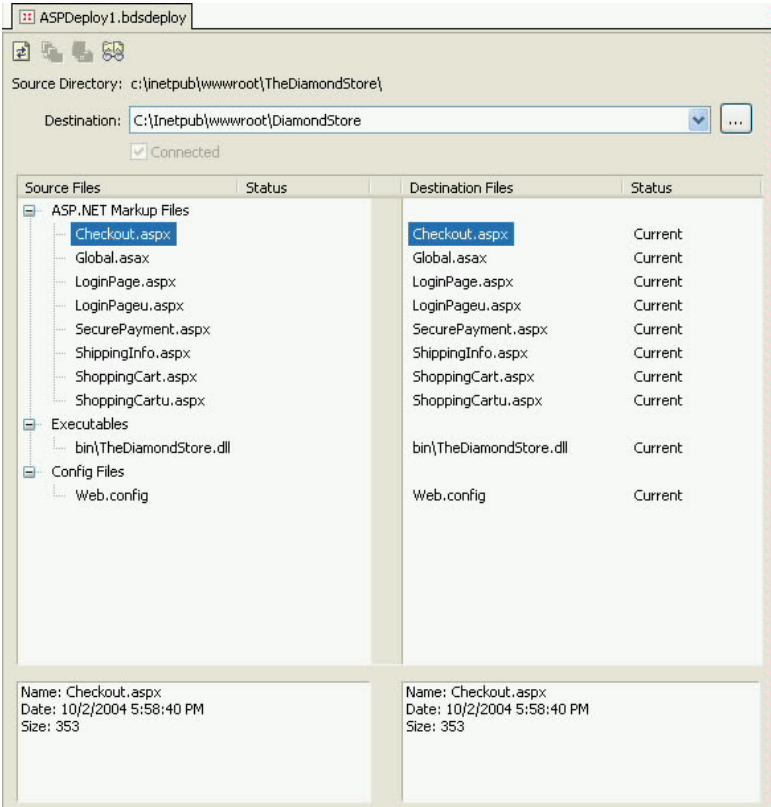
IDE 가 Delphi
Delphi
가
Delphi 2005
. Delphi 2005
. Delphi 2005 ASP.NET Web
Applications, ASP.NET Web Service Applications, Win32 Web Service servers, Win32 Web
Service clients, Web Broker Web server extensions, WebSnap Web server extensions, Win32
.NET IntraWeb applications
(what-you-see-is-what-you-get , wysisyg) Web Forms
가 Delphi 2005

Deployment Manager()

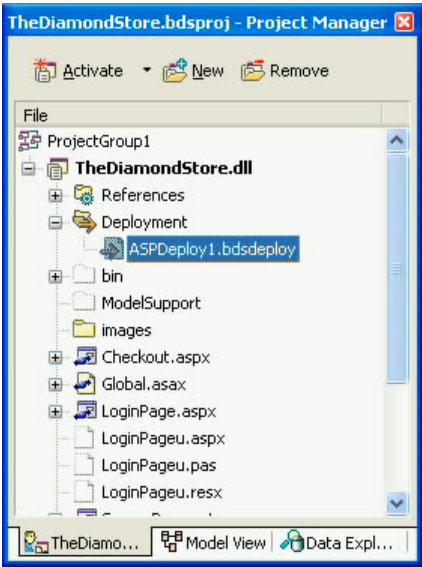
ASP.NET Web applications, ASP.NET Web Service Applications, IntraWeb (Win32
.NET) Delphi 2005 Project Manager
. Project Manager Deployment
New Deployment .



XCOPY FTP (, file transfer protocol) 가
 .
XCOPY . , 가
XCOPY .
가 가 FTP 가
. FTP 가 FTP
.
FTP
Copy Selected Files to Destination Copy All New and
Modified Files to Destination .

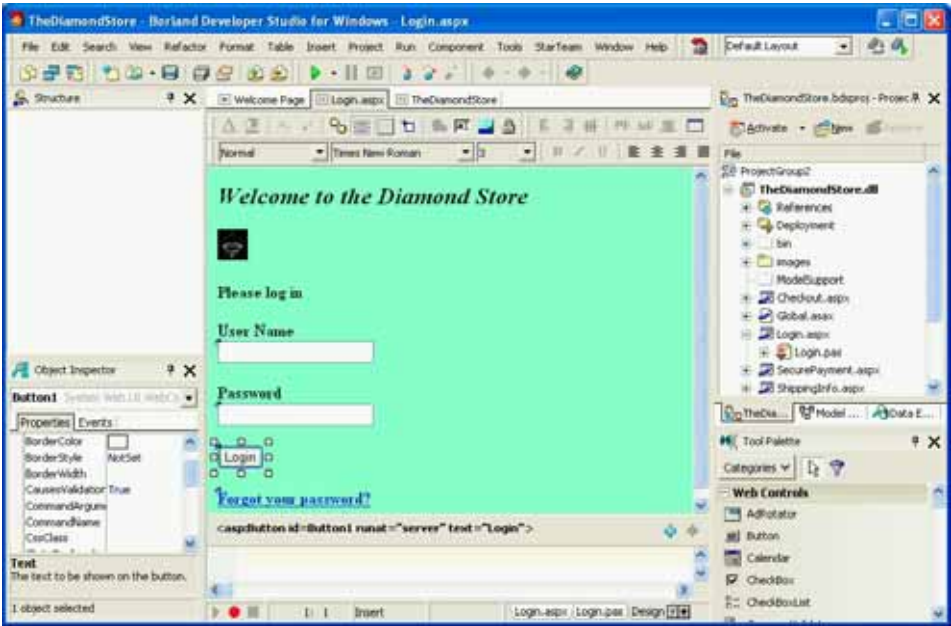


Project Manager Deployment

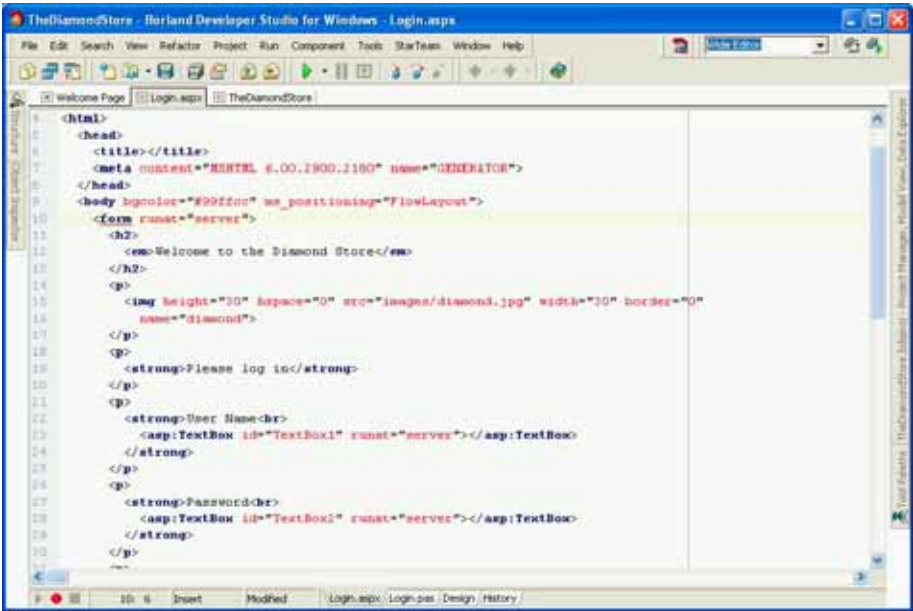


Web Forms Designer HTML

HTML ASP.NET
. Delphi 2005 HTML ,
ASP.NET . ASP.NET
.



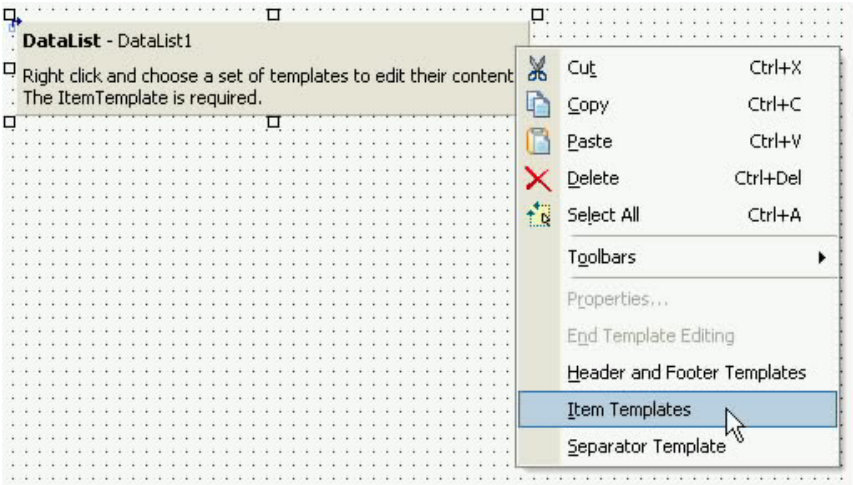
HTML Controls, Web Controls, DB Web Controls Tool Palette Web Forms
HTML .aspx . Web
Forms 가 .aspx
HTML . 가 .aspx
가 .



Delphi 2005 Web Form

. DataList , (footer),
. Delphi 2005 Web Form

DataList



가

Item

DataList .



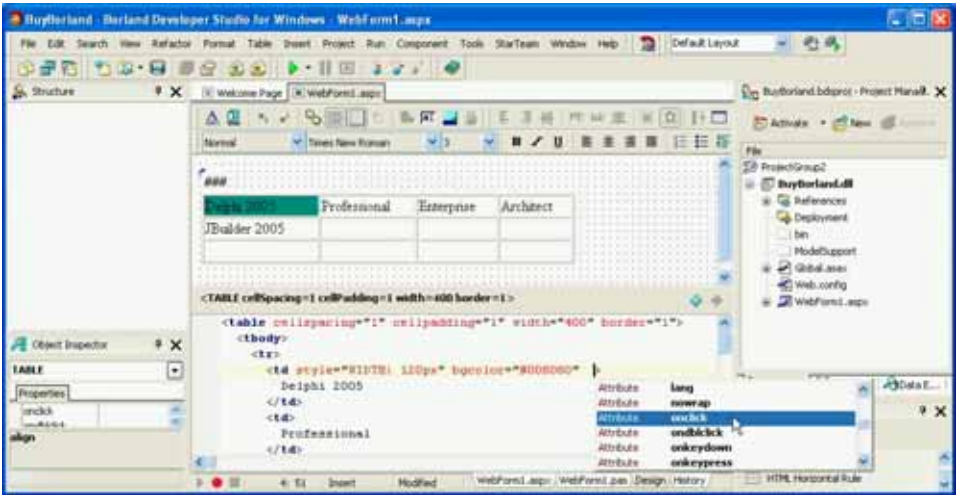
End

Template Editing .

Delphi HTML Delphi 2005
cascading style sheets, CSS
XHTML .

Tag

Tag Delphi 2005 . Tag Web Form Designer
, 가 가 가
가 HTML . Tag HTML
가 Delphi 2005 HTML .
Tag <td> . Code
Insight .



ASP.NET Project Manager 가

ASP.NET

. .aspx HTML ()
, .jpg .gif
SRC ..
, ASP.NET
Project Manager
Project Manager ASP.NET
New | Folder 가 ASP.NET
가 .
Add .
, JavaScript
가 . 가
.
Project Manager ASP.NET Delphi
2005 가 .

DB

DB ASP.NET
.NET Web , DB Web
Forms 가
.

FCL DB ASP.NET
. DB ,
/
.

DB

Delphi 2005 DB 가 .
Delphi 2005 DB Web DBWebAggregateControl,
DBWebNavigatorExtender, DBWebSound, DBWebVideo ..

DBWebAggregateControl DBWebTextBox Sum, Min, Count
.

DBWebSound DBWebVideo ASP.NET
가 . blob(binary large object)
 , 가 URL
.

DBWebNavigationExtender , 가
ADO.NET BDP .
DBWebNavigationExtender Web Form Button
DBDataSource, TableName, DataSourceAction 가 .

DataSourceAction DBDataSource

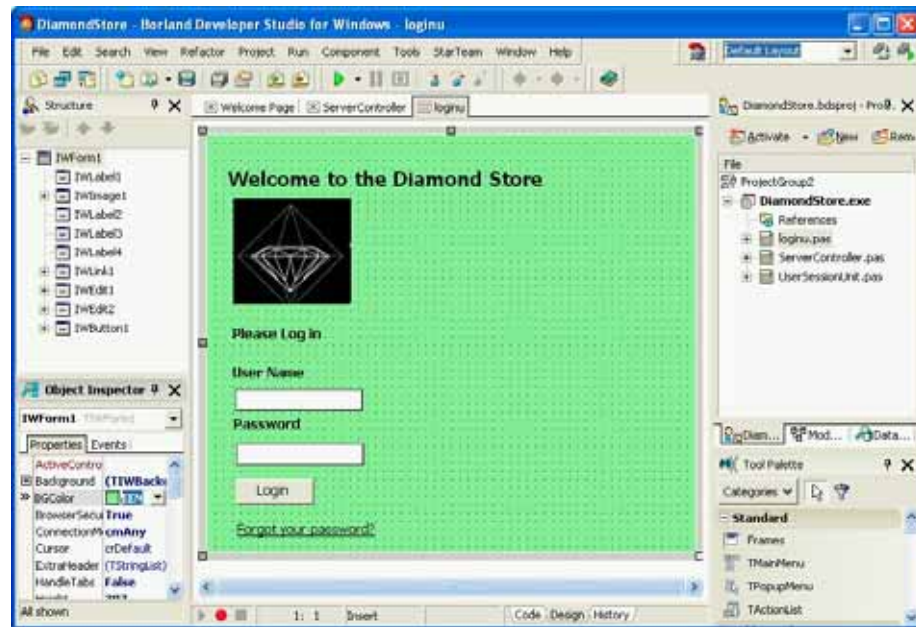
DB

Delphi 2005 DB 가 . DBWebImage
DBWebDataSource . DBWebImage DBWebSound
DBWebVideo . DBWebImage
가 bolb URL
DBWebImage
가 bolb
, DBWebDataSource 가 (master-
detail relationships)
DBWebDataSource
DBWebDataSource XML DB
가
XML
, XML
DBWebDataSource XML
XML

IntraWeb

IntraWeb RAD
가 ASP.NET
IntraWeb

ASP.NET IntraWeb
가 . IntraWeb
TIWServerController
IntraWeb 가 .
ASP.NET . IntraWeb
가
IntraWeb “Delphi” . VCL VCL.NET
Tool Palette Delphi 가
가 IntraWeb
HTML, WAP (wireless access protocol), HTML 3.2 .
IntraWeb 가 가 . IntraWeb
ISAPI (Internet Server application programming interface)
HTTP . ,
IIS (Internet Information Server) IIS IntraWeb
가 , 가 IntraWeb
가
HTTP 가
Delphi 2005 IntraWeb . ASP.NET
.aspx . , IntraWeb
가 HTTP HTML .



Delphi 2005 Win32 Delphi IntraWeb Delphi for .NET .

Borland® Delphi™ 2005





Delphi
Delphi2005

ODBC (open database connectivity) OLEDB Providers
Win32
BDE (Borland Database Engine), dbExpress, IBExpress (InterBase Express), dbGo for ADO, MyBase (ClientDataSet) DataSnap

Delphi for .NET Delphi Win32
.NET Win32
VCL.NET

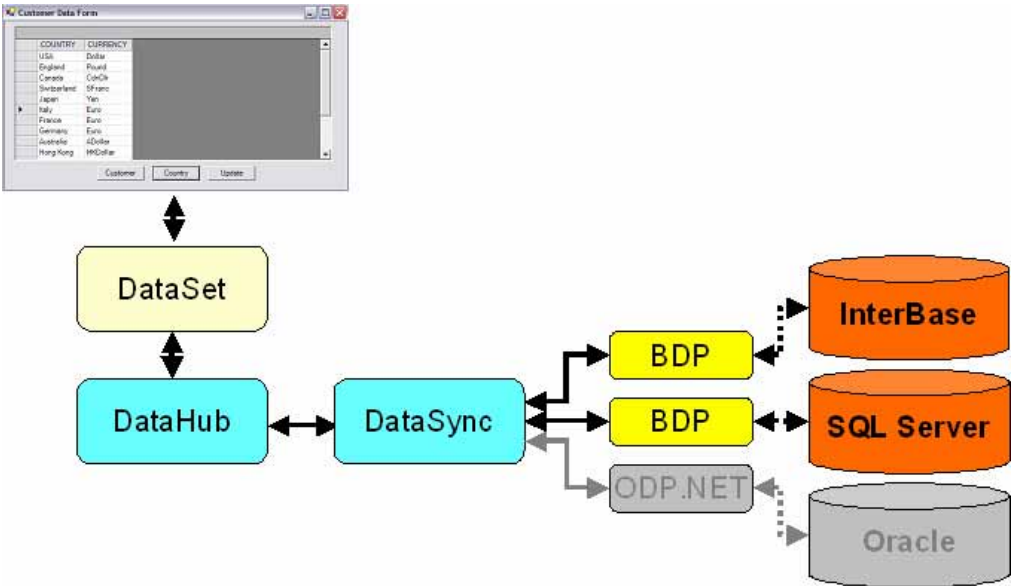
Delphi .NET C# ADO.NET FCL
Delphi .NET C# 가
, ADO.NET Dta Provider . BDP(Borland
Data Provider) ADO.NET BDP
, ADO..NET

Delphi 2005 Delphi8 C#Builder
가

ADO.NET RAD

ADO.NET .NET
ADO.NET Delphi ADO.NET

Delphi
.NET RAD , ADO.NET Delphi
가 .
ADO.NET RAD ADO.NET
가 . DataSync DataHub 가
. RemoteServer
ADO.NET RemoteConnection .
가 .
DataSync DataHub ,
Delphi 2005 ADO.NET
가 , DataSync DataHub . ADO.NET
Data Provider
, ,
. DataSync DataHub ADO.NET 가
. DataSync DataHub ADO.NET DataSet
IDbConnection ADO.NET
.
,



DataSync DataHub (data remoting components) .NET

DataSync

DataSync Data Provider , DbDataAdapter
 . DataSync , DataSync 가
 DataTable

DataTable

DataSync 가 DbDataAdapter DataSync 가

Data Provider Data Provider
 FCL , SqlDataAdapter OdbcDataAdapter
 IBM.Data.DB2 Oracle.Data.Provider 3
DataSync

DataHub

DataHub DataSync DataSync

DataSet

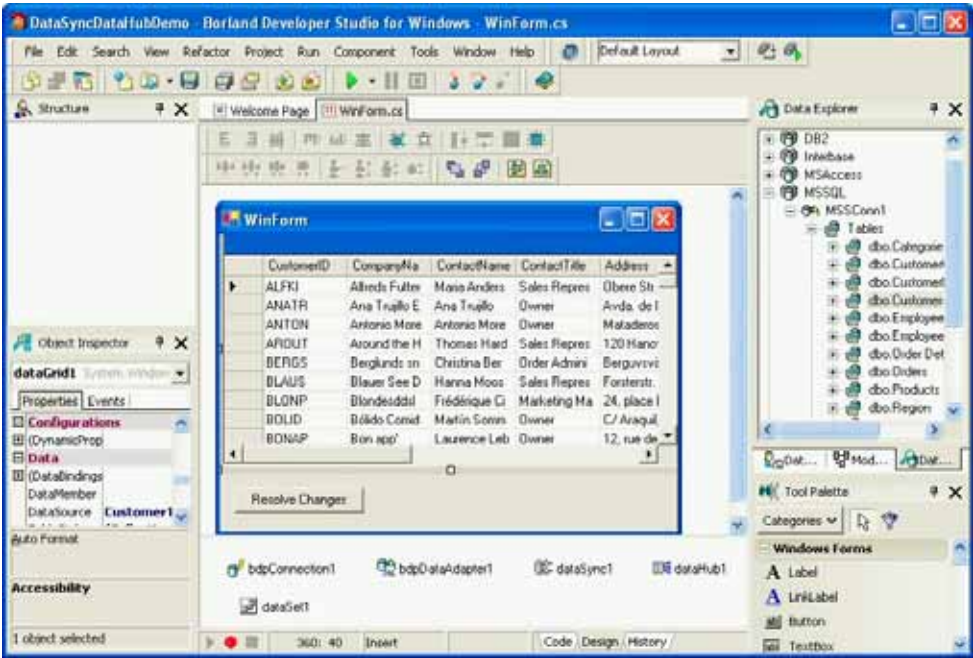
. , DataHub . DataSync DataHub 가

BDP 가

C# DataSet DataSync

DataHub . DataGrid

DataSync/DataHub



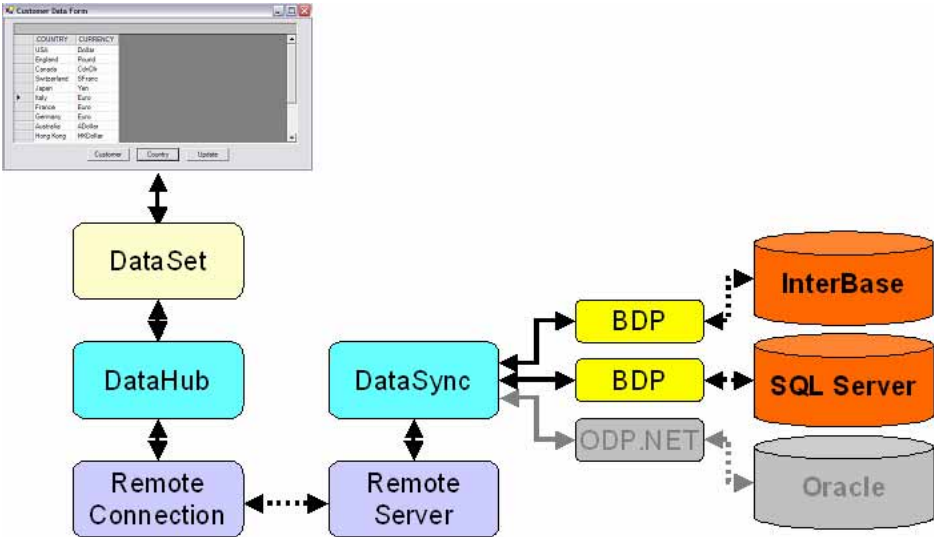
DataHub

. DataHub ApplyChanges

DataSync DataSync DataTables

가 Resolve
Changes dataHub1.ApplyChanges() .
RemoteServer RemoteConnection (remoting)
.NET .NET (remote objects)
.
DataSets 가
,
가 .NET .
, DataSets 가
.
Delphi 2005 .NET 가
DataSync DataHub . 가 ,
RemoteServer RemoteConnection DataSync DbDataAdapters 가
DataHub DataSet 가
. RemoteServer RemoteConnection DataSync

DataHub



RemoteServer

RemoteServer

DataSync

RemoteConnection

. RemoteServer RemoteConnection

HTTP TCP

RemoteServer

DataSync

DataSync

DataSync

가

Provider

. ChannelType (Http Tcp)

, Port listen

on

, URI(가)

RemoteConnection

RemoteConnection

DataSync

. RemoteConnection

가

ChannelType, Port, URL, URI .

Provider 가 RemoteConnection ProviderType .

RemoteConnection DataHub

RemoteConnection . DataHub RemoteConnection

DataSync .

DataSync 가 DataHub

. RemoteConnection RemoteServer .NET

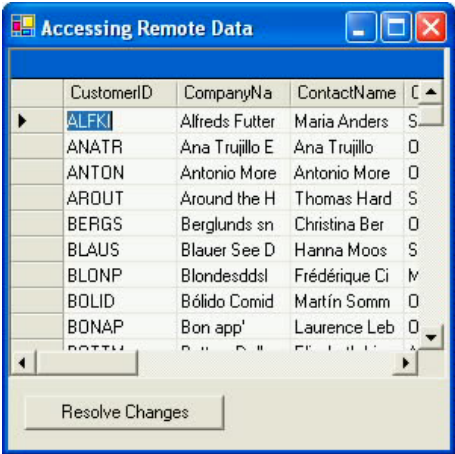
DataSync DataHub .

DataGrid DataSync . ,

Delphi C# .

. ,

.



ADO.NET Borland Data Provider

Borland Data Provider for ADO.NET ADO.NET

. ADO.NET BDP

가

ADO.NET .

ADO.NETBDP BDP

DataSync, DataHub BDP . DataSync

DataHub 가 ADO.NET

Delphi 2005 ADO.NET BDP 가 .

BDP Oracle Sybase

ADO.NET BDP BdpCopyTable 가 .

1 ADO.NET BDP

. BDP Data Explorer(

) Copy Table .

ADO.NET BDP . ADO.NET

BDP 가 가

BDP Provider . BDP

ADO.NET

BDP ,

Data Explorer .

BDP Data Explorer

Data Explorer Oracle, DB2, MS SQL Server, InterBase, MS Access ADO.NET BDP

ADO.NET . Data Explorer

, , Stored Procudure Delphi 2005 IDE . Data Explorer BdpConnections , BdpDataAdapters BDP

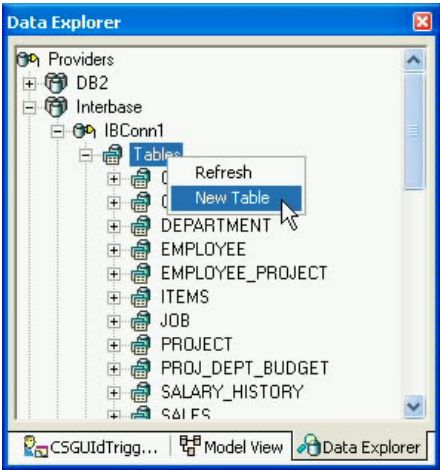
Data Explorer Delphi 2005 . Data Explorer

Stored Procedure , ADO.NET BDP

Data Explorer Delphi 2005 IDE . ADO.NET BDP Delphi 2005

ADO.NET

Data Explorer (connection) , Tables New Table



Delphi 2005 Table Designer .

Tables

Alter . (

Drop .) PROJECT Table

Designer .

Table Design: PROJECT						
	Column name	Data type	Precision	Scale	Nullable	Primary
▶	PROJ_ID	CHAR	5	0	☐	☒
	PROJ_NAME	CHAR	20	0	☐	☐
	PROJ_DESC	VARCHAR	8	0	☒	☐
	TEAM_LEADE	INTEGER	2	0	☒	☐
	PRODUCT	SMALLINT	12	0	☒	☐
*		DECIMAL				

ADO.NET BDP

Data Explorer ADO.NET BDP

, 1

Data Explorer

Copy .

Paste . New Table Name 가

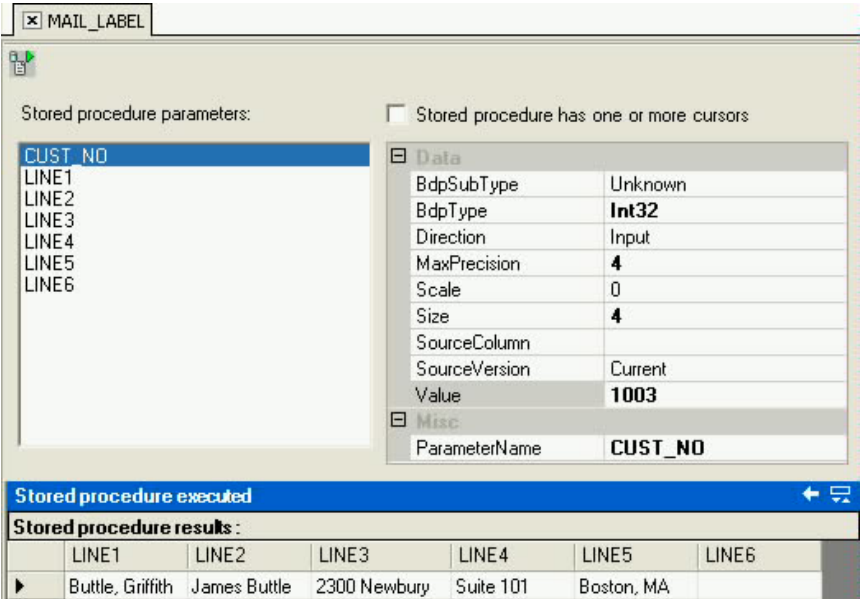


OK .

Delphi 2005

Stored Procedure

Stored Procedure Data Explorer 가
 . Stored Procedure , Data Explorer Stored
Procedure View Parameters .
Delphi 2005 Stored Procedure , ,
 , Stored Procedure
 , Stored Procedure Execute()
 . Delphi 2005 Stored Procedure Stored Procedure
(가 가
) .
가 Stored Procedure . 1003
(mailing label) .



Delphi2005

. Delphi 2005
. Delphi 2005 Delphi C# .NET
Business Objects for Borland Delphi Crystal Report
. Delphi VCL (VCL Forms (Win32) VCL.NET)
Nevrona Designs Rave Reports Borland Edition .

.NET VCL

.NET Framework Delphi 8 Win32 Delphi
. Delphi 2005

가 가 가 dbGo ADO . dbGo
ADO VCL TDataSet
OLEDB Providers VCL TDataSet

ActiveX Data Objects . Delphi 2005 VCL.NET dbGo for ADO

VCL.NET 가 TStoredProc, TSimpleDataSet, TNestedDataSet, TUpdateSql .

DataSnap 가 가 . DataSnap

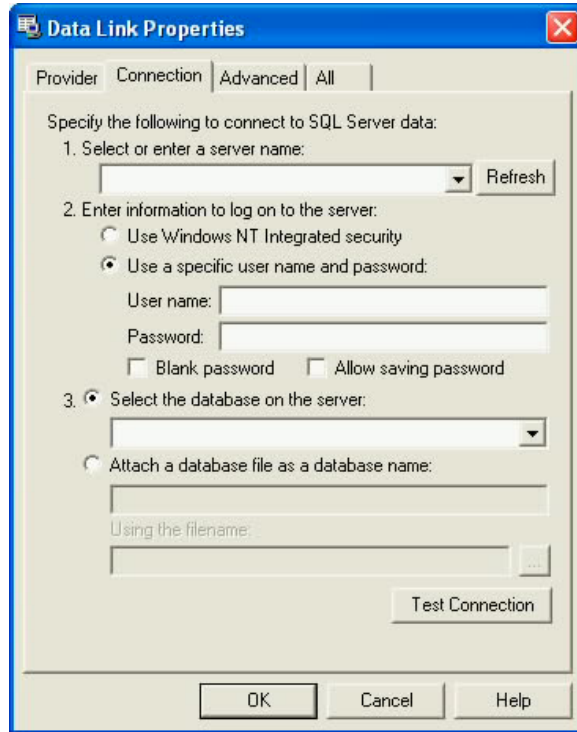
. VCL.NET TConnectionBroker, TSharedConnection, TLocalConnection .

ADO.NET

Delphi 2005 SQL Connection, ODBC Connection, OLEDB Connection

ADO.NET . (ADO.NET BDP , ADO.NET .NET Data Provider .)

Delphi 2005 IDE 가 Object Inspector ConnectionString (...) Connection String 가 . SqlConnection ConnectionString Connection String .



Borland® Delphi™ 2005

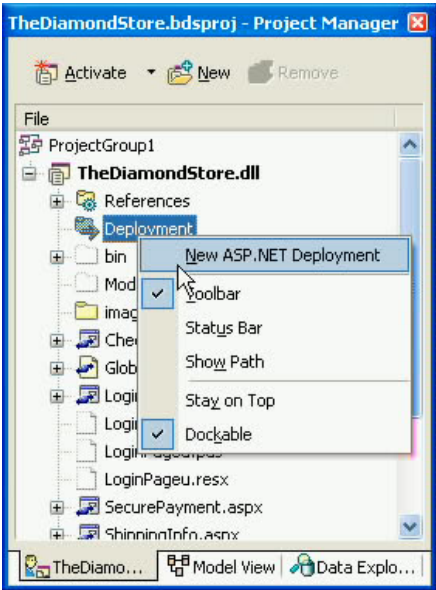




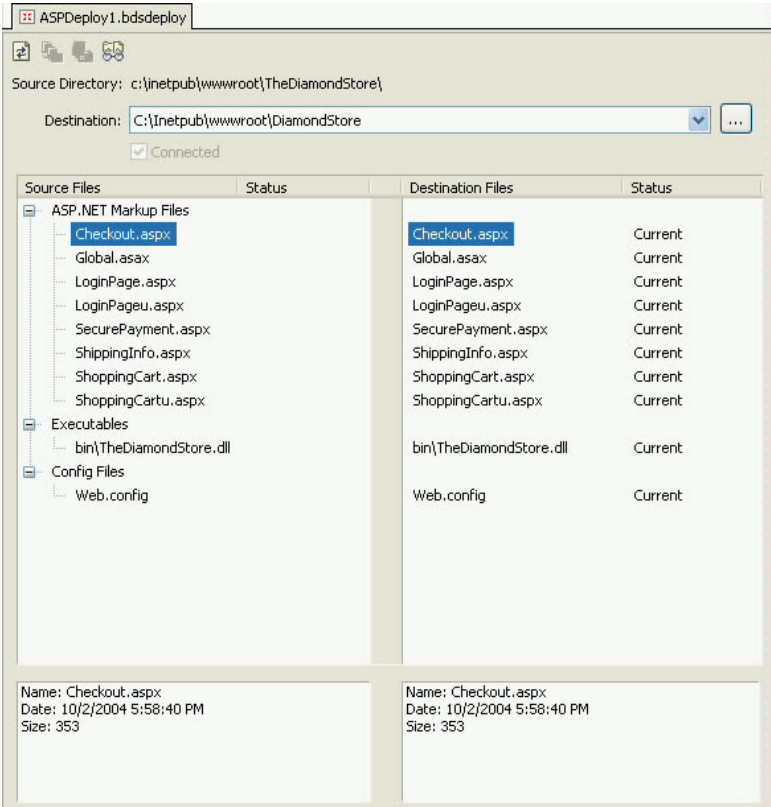
IDE 가 Delphi
Delphi
가 .
Delphi 2005
. Delphi 2005
. Delphi 2005 ASP.NET Web
Applications, ASP.NET Web Service Applications, Win32 Web Service servers, Win32 Web
Service clients, Web Broker Web server extensions, WebSnap Web server extensions, Win32
.NET IntraWeb applications .
(what-you-see-is-what-you-get , wysisyg) Web Forms
가 Delphi 2005

Deployment Manager()

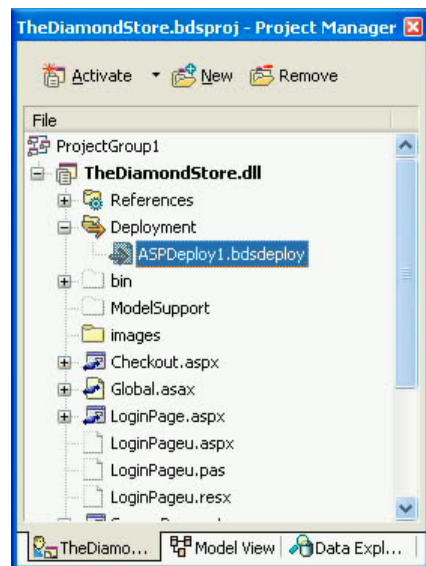
ASP.NET Web applications, ASP.NET Web Service Applications, IntraWeb (Win32
.NET) Delphi 2005 Project Manager
. Project Manager Deployment
New Deployment .



XCOPY FTP (, file transfer protocol) 가
 .
XCOPY . , 가
XCOPY .
가 가 FTP 가
. FTP 가 FTP
.
FTP
Copy Selected Files to Destination Copy All New and
Modified Files to Destination .



Project Manager Deployment



Web Forms Designer HTML

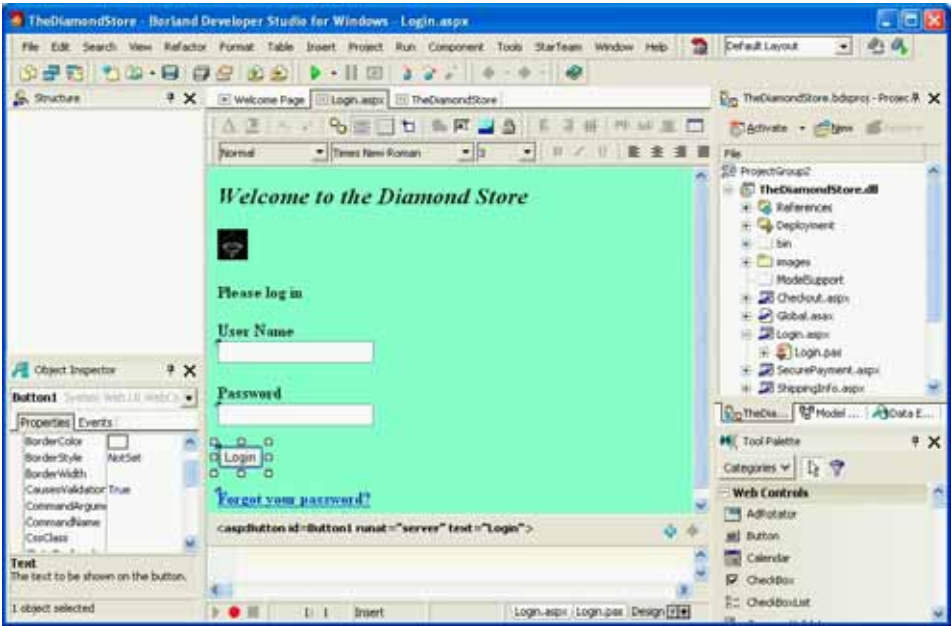
HTML

ASP.NET

. Delphi 2005 HTML ,

ASP.NET

. ASP.NET



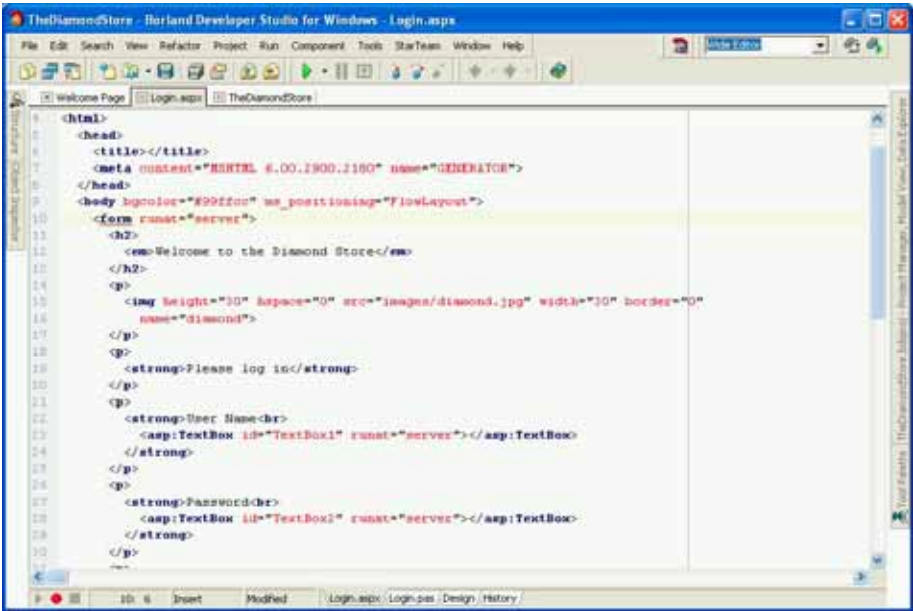
HTML Controls, Web Controls, DB Web Controls Tool Palette Web Forms

HTML .aspx . Web

Forms 가 .aspx

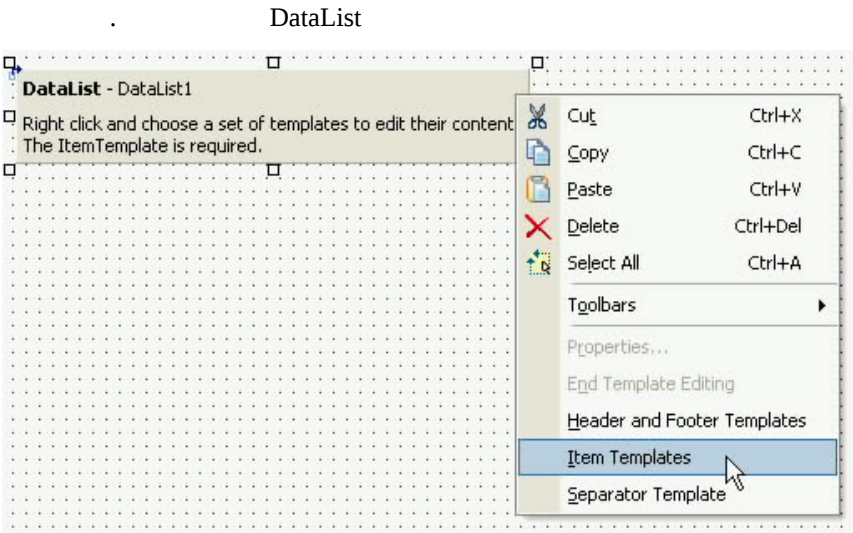
HTML . 가 .aspx .

가 .



Delphi 2005 Web Form

. DataList , (footer),
. Delphi 2005 Web Form



가

Item

DataList .



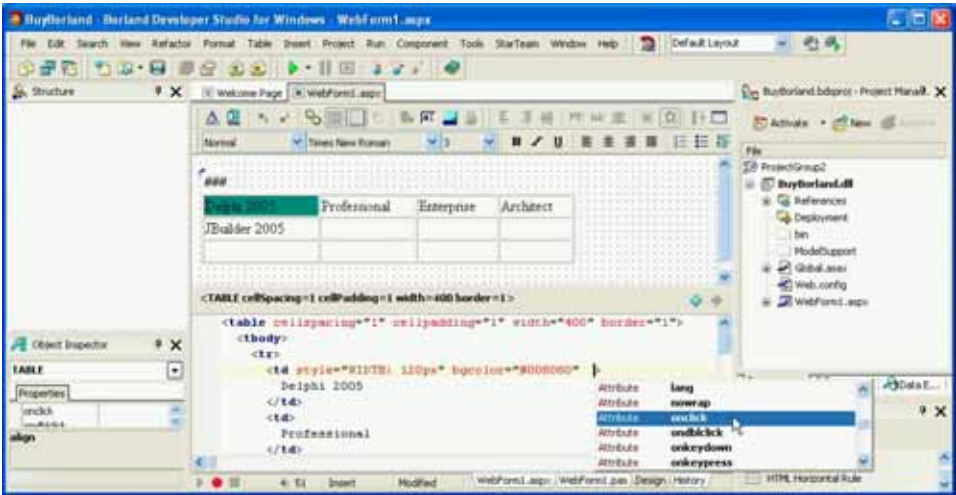
End

Template Editing .

Delphi HTML Delphi 2005
cascading style sheets, CSS
XHTML .

Tag

Tag Delphi 2005 . Tag Web Form Designer
가 , 가 가
가 HTML . Tag HTML
가 Delphi 2005 HTML .
Tag <td> . Code
Insight .



ASP.NET Project Manager 가

ASP.NET

. .aspx HTML ()
, .jpg .gif
SRC ..
, ASP.NET
Project Manager
. Project Manager ASP.NET
New | Folder . 가 ASP.NET
가 .
Add .
, JavaScript
가 . 가
. .
Project Manager ASP.NET Delphi
2005 가 .

DB

DB ASP.NET
.NET Web , DB Web
Forms 가
.

FCL DB ASP.NET
. DB ,
/
.

DB

Delphi 2005 DB 가 .
Delphi 2005 DB Web DBWebAggregateControl,
DBWebNavigatorExtender, DBWebSound, DBWebVideo ..

DBWebAggregateControl DBWebTextBox Sum, Min, Count
.

DBWebSound DBWebVideo ASP.NET
가 . blob(binary large object)
 , 가 URL
.

DBWebNavigationExtender , 가
ADO.NET BDP .
DBWebNavigationExtender Web Form Button
DBDataSource, TableName, DataSourceAction 가 .

DataSourceAction DBDataSource

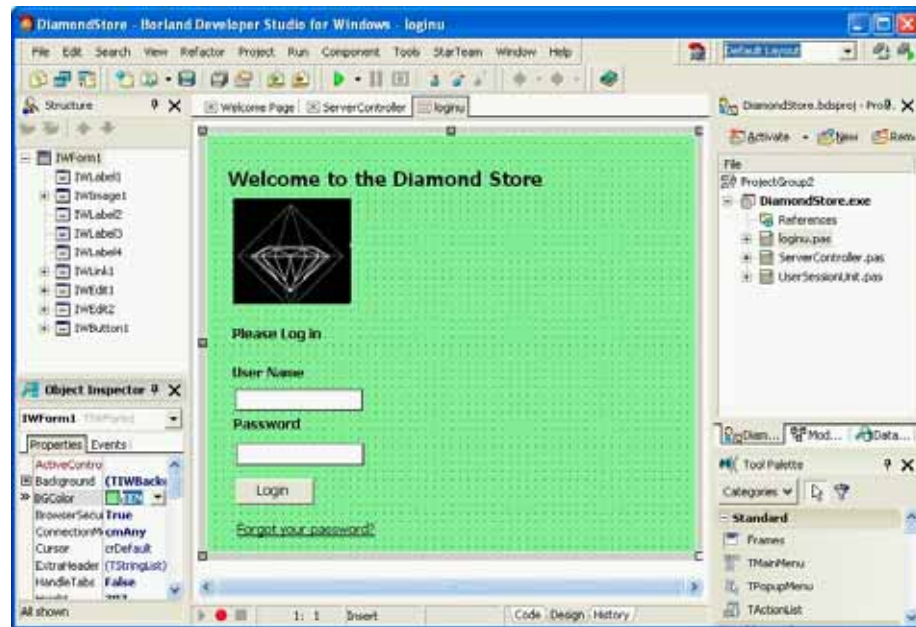
DB

Delphi 2005 DB 가 . DBWebImage
DBWebDataSource . DBWebImage DBWebSound
DBWebVideo . DBWebImage
가 bolb URL
DBWebImage
가 bolb
, DBWebDataSource 가 (master-
detail relationships)
DBWebDataSource
DBWebDataSource XML DB
가
XML
, XML
DBWebDataSource XML
XML

IntraWeb

IntraWeb RAD
가 ASP.NET
IntraWeb

ASP.NET IntraWeb
가 . IntraWeb
TIWServerController
IntraWeb 가 .
ASP.NET . IntraWeb
가
IntraWeb “Delphi” . VCL VCL.NET
Tool Palette Delphi 가
가 IntraWeb
HTML, WAP (wireless access protocol), HTML 3.2 .
IntraWeb 가 가 . IntraWeb
ISAPI (Internet Server application programming interface)
HTTP . ,
IIS (Internet Information Server) IIS IntraWeb
가 , 가 IntraWeb
가
HTTP 가
Delphi 2005 IntraWeb . ASP.NET
.aspx . , IntraWeb
가 HTTP HTML .



Delphi 2005 Win32 Delphi IntraWeb Delphi for .NET .

Application Lifecycle Management

Borland®
Delphi™ 2005

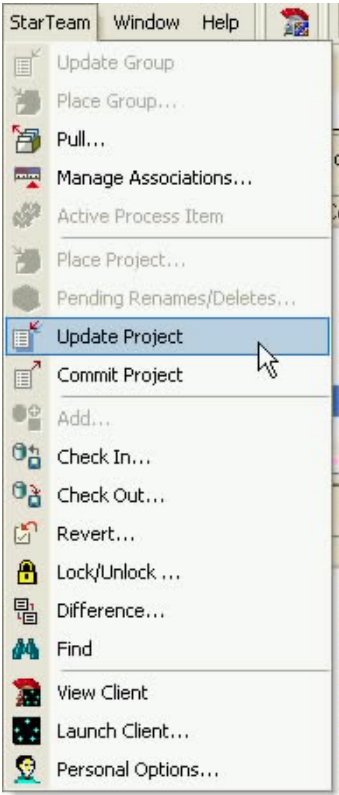


Integrated Application Lifecycle Management

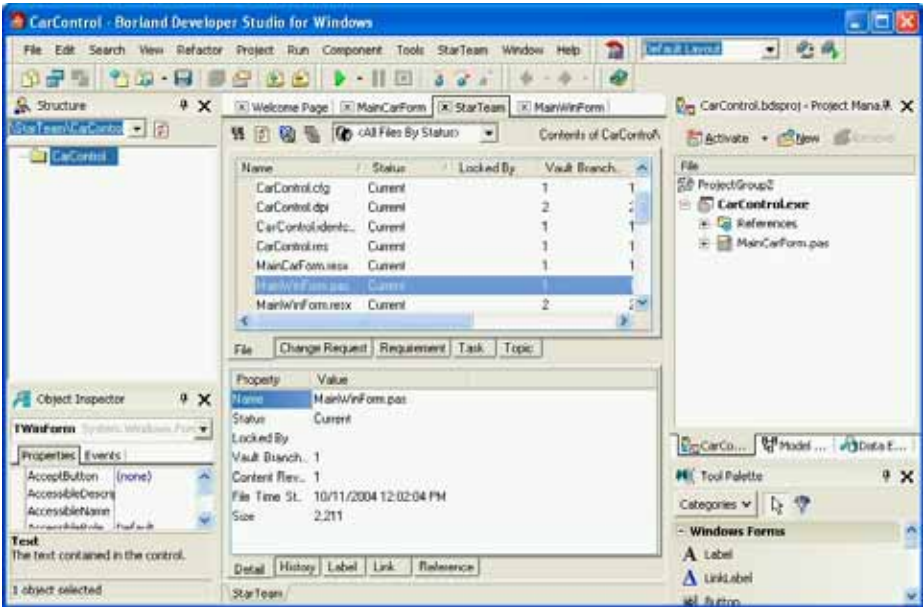
,
 ,
 .
 . Delphi 2005
 .
 Delphi2005 , StarTeam
 가 IDE . EJB CORBA Janeva, UML
 ECO Profiling Optimizeit 가 .
 Delphi 2005 ALM(Application Lifecycle Management) 가
 . 가 StarTeam Unit Testing ,
 ..

Delphi 2005 StarTeam

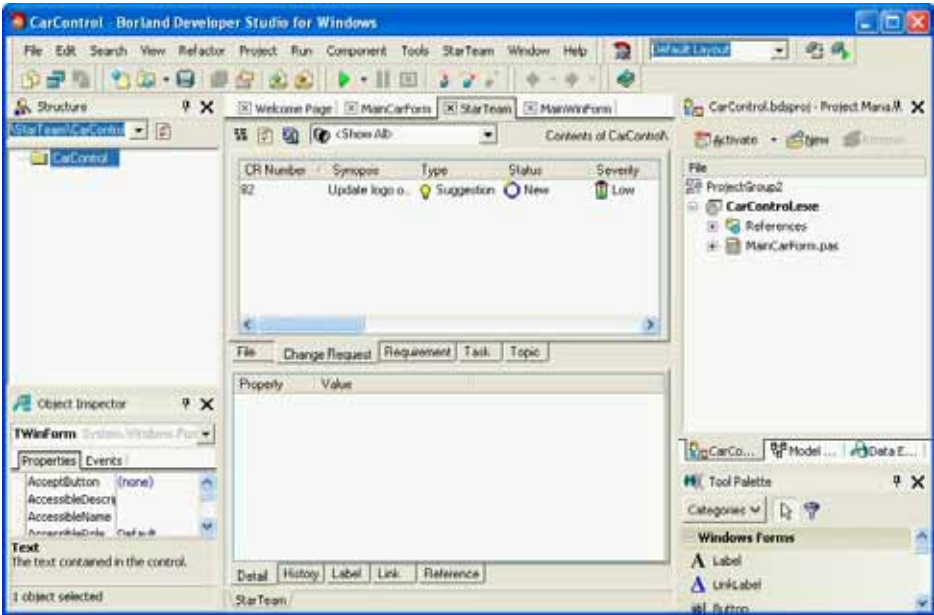
StarTeam Borland .
 StarTeam
 , ,
 StarTeam
 .
 Delphi 2005 StarTeam . Delphi
 2005 IDE StarTeam 가
 . Delphi 2005 StarTeam ,
 Project Manager context menu sub menu . []



, StarTeam StarTeam
StarTeam StarTeam
가 Delphi IDE StarTeam
StarTeam StarTeam | View Client
() StarTeam

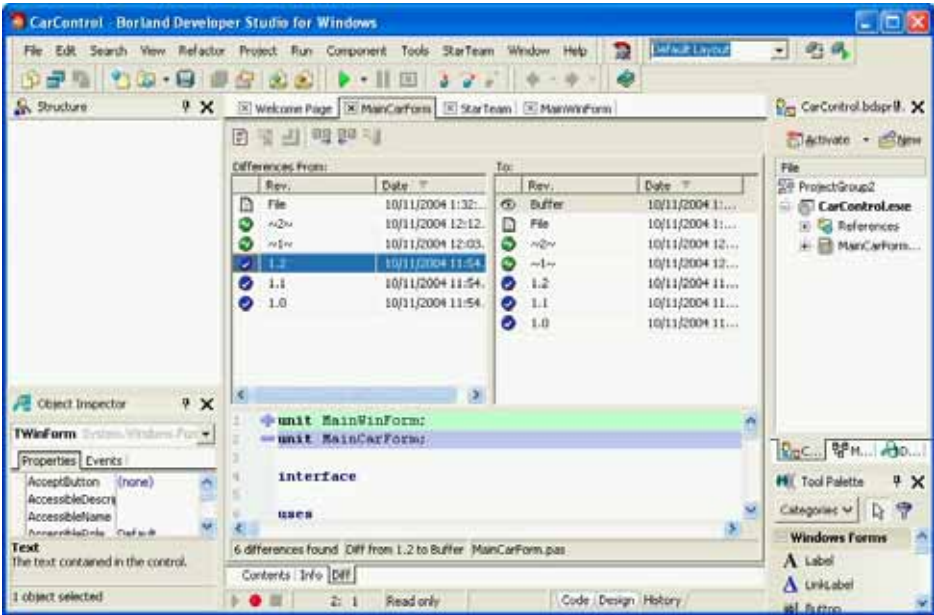


Delphi 2005 가 StarTeam Client ,
 ,
 , 가 .



When you are working with a StarTeam managed project, the Delphi 2005 History Manager makes use of the StarTeam repository. For example, the following figure shows the Diff pane of the History Manager. Here the Diff pane displays source code versions based on changes that have been checked into the StarTeam repository. With the StarTeam enabled History Manager, even changes to source code file names are tracked, as shown in the following figure.

StarTeam , Delphi 2005
StarTeam . Diff .
Diff StarTeam .
StarTeam
가 .



Unit Testing

Unit Testing , Function, Procedure

. Unit testing Extreme Programming

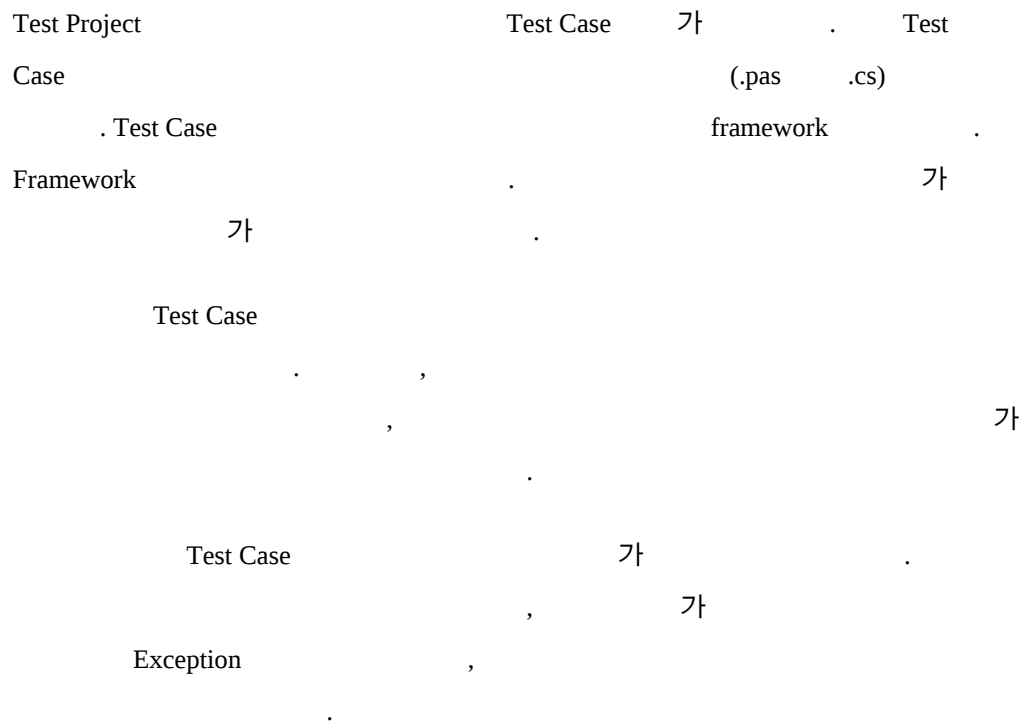
,

Unit testing

.

Delphi 2005 includes unit testing support for all three of its personalities: Delphi Win32, Delphi for the .NET Framework, and C# for .NET. You establish a unit testing by first creating a test project. The Test Project Wizard asks you to select which of Delphi 2005's personalities was used to create the code you want to test.

Delphi 2005 Unit testing 가 . Delphi Win32, Delphi for .Net Frame work C# .Net . Unit Testing . Delphi 2005 Test Project



Enterprise Core Objects (ECO) II

Borland®
Delphi™ 2005



Enterprise Core Objects II

Borland Borland's Enterprise Core Objects ECO() Borland
.NET Framework . ECO .Net framework Borland
diagram . .Net Framework UML diagram

MDA

ECO UML
. UML 가
가 . UML
diagram 가 .
ECO UML 가
. UML
가
가 ,
가 .

Rapid MDA

In this respect, ECO is really "Rapid MDA." ECO dramatically reduces the amount of code that you need to write manually, reducing your time to deployment and improving the overall maintainability of your applications. More importantly, the applications you build with ECO are based on the enterprise-aware architecture of your UML designs.

ECO ‘ MDA’ . ECO

ECO

UML

ECO

UML class diagram

Building, ResidentialBuilding, Person.

3

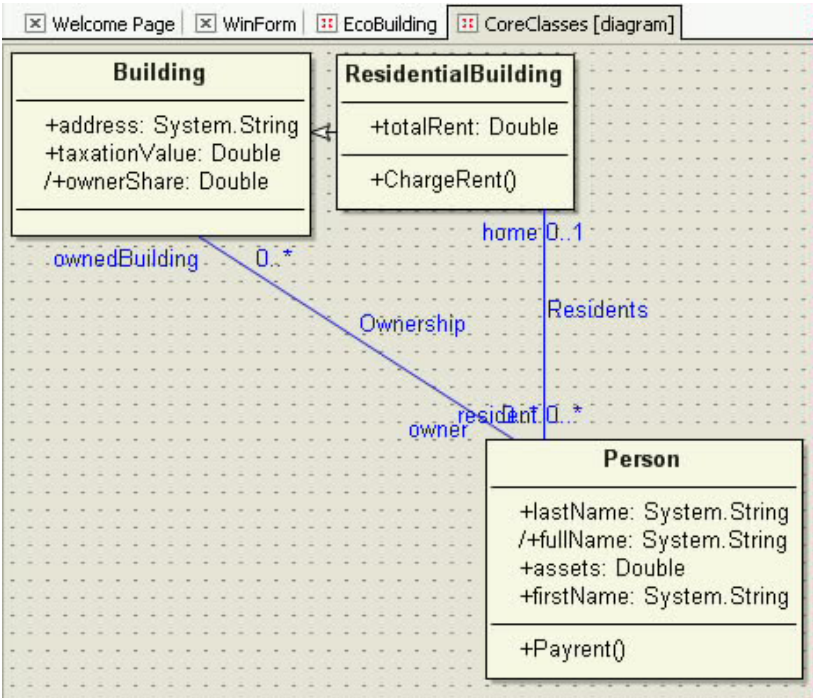
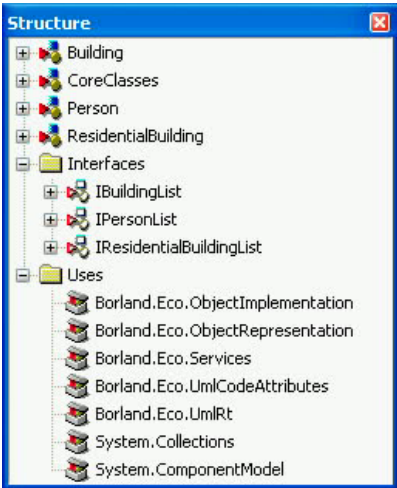


diagram runtime

(Structure Pane)

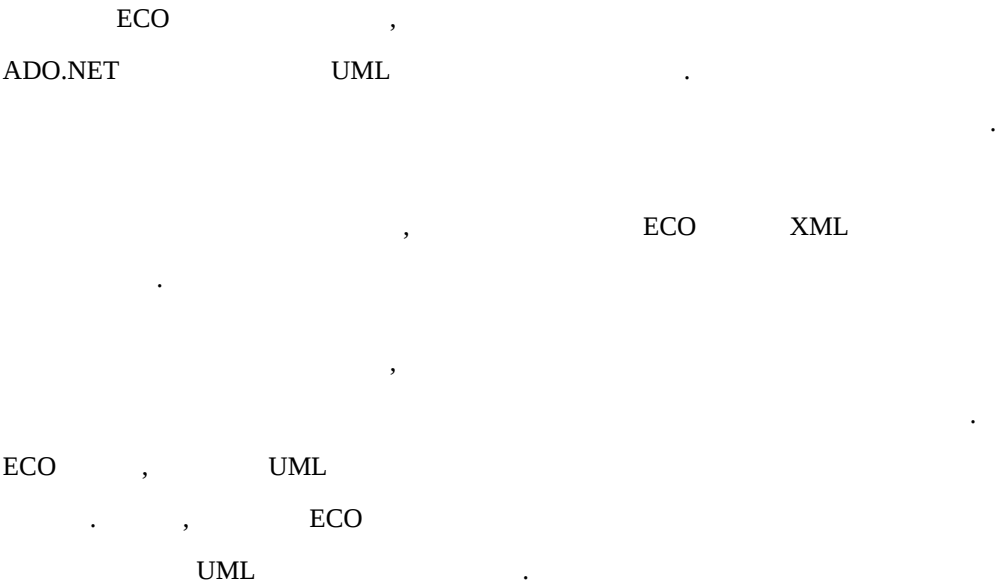
ECO



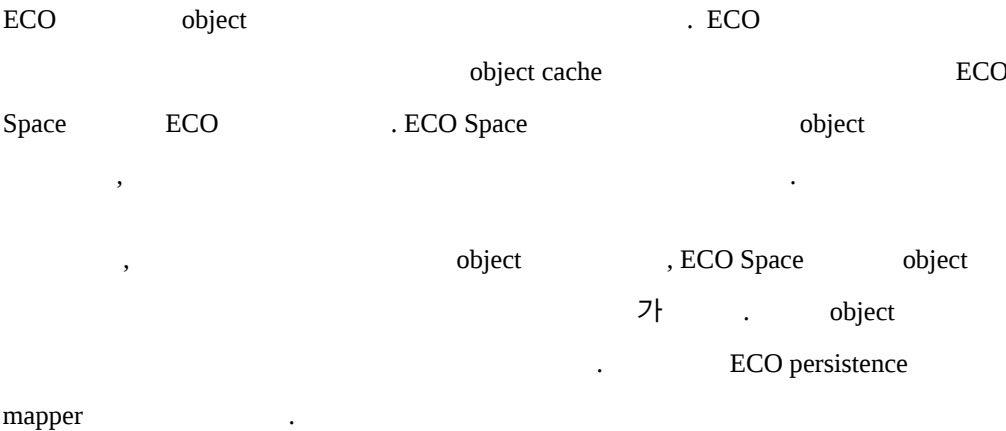
Because the model is the central focus of your development efforts, there is an inherent synchronization between your UML model and the application created with it. In other environments where UML simply guides development, the model often quickly becomes out-of-date.

가 , UML
UML
가
ECO , UML
ECO ,
가
GUI ECO

In most ECO applications, the business objects defined by your UML models map to an underlying ADO.NET relational database structure. This database of your choosing is used to persist and restore your business objects, as needed. You can even map your ECO objects to XML files, though most developers prefer the security and transaction support provided by a remote database server.



ECO Space Persistence



ECO OCL

UML , ECO OCL (Object Constraint Language) UML
OMG(an Object Management Group) .

object OCL .

UML , ECO OCL

.

ECO II

Delphi 2005 ECO II ECO . ECO

II .NET

. ECO II

.

A Highly Scalable Enterprise Object Cache

ECO II

EOO Space 2 가 가 . ,
가 ECO Space . ECO
Space 가 가 ASP.NET .

ECO Space 가 , ECO persistence mapper
가 ECO Space

ECO Space 가 ECO Space .

ECO persistence mapper thread 가 .

, ECO Space 가 ECO Space
persistent mapper .NET .
ECO

.

Object

ECO Space object persistence 가 . Undo/Redo, versioning, 가 .

ECO II Web Forms / Web Services

ECO II MDA .

Delphi 2005 C# Delphi for .NET ECO ASP.NET Web Form
ECO ASP.NET Web Service

Delphi 2005 ECO Data Source , DB
ECO object .

DbDataSource , DB DataSource
DbDataSource .

ECO Space ASP.NET 가 가 ..
, ECO Space state maintenance
가 가 . , ECO Space
. , ECO ASP.NET .

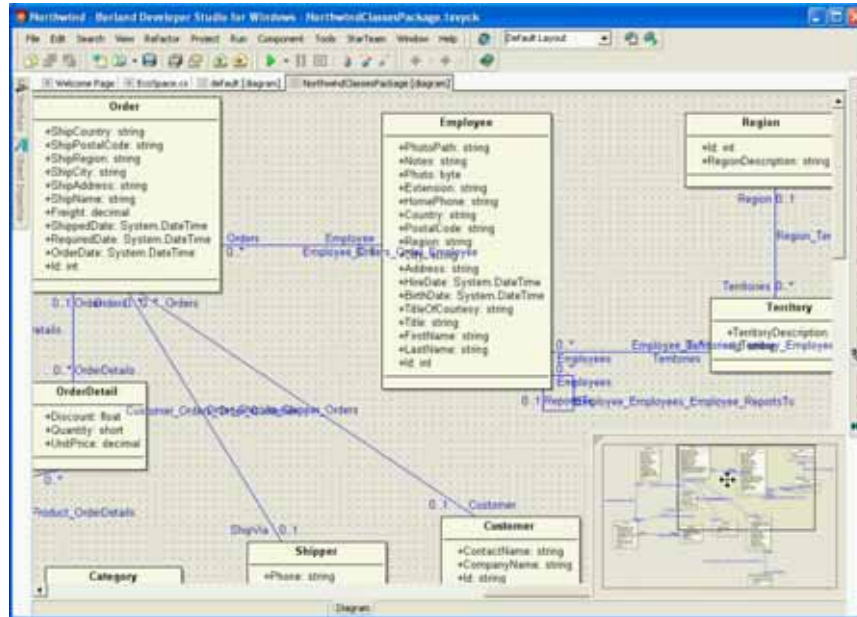
ASP.NET ECO Space
EcoSpaceProvider 가 . ECO Space 가
가
/ / ECO Space
가 . 가 가 . Maintaining state 가
가 ASP.NET object .

ECO Space ECO Space 가 ASP.NET
. ASP.NET
가 ECO space ECO space
. ASP.NET

ECO II
ECO II UML
. , UML
가 UML
. ECO II
, ECO .

The following figure shows a UML diagram that ECO created from the sample SQL Server database Northwind. In addition to the various classes and their attributes, ECO infers the relationships between the classes based on field names and indexes.

ECO 가 SQL UML
. , ECO
.



Partner Tools

Borland®
Delphi™ 2005



3rd

Delphi 2005 ,
Application Lifecycle Management
. Delphi 2005 가
. Delphi 2005
2005 .
가

Borland InterBase 7.5

InterBase 7.5 Developer Edition enables you to develop and test your applications running against InterBase , an enterprise-quality remote database management system (RDBMS). Borland InterBase is a small-footprint database server that minimizes maintenance while providing support for mission-critical applications. For more information on InterBase 7.5, please visit: <http://www.borland.com/interbase/>

InterBase 7.5 Developer Edition RDBMS(Remote Database
Management System) InterBase 가
가 . Borland InterBase

. InterBase 7.5

, <http://www.borland.com/interbase/> 가 .

Borland Janeva

Janeva J2EE / CORBA

. <http://www.borland.com/janeva/> Janeva

가 ..

* Janeva . Borland

Microsoft .NET Framework Borland Optimizeit™

Profiler

Identify and remove performance bottlenecks in your .NET managed code through CPU and memory usage analysis with Borland Optimizeit Profiler for the Microsoft .NET Framework. For more information about Borland Optimizeit for the Microsoft .NET Framework, please visit: http://www.borland.com/opt_profiler/

Microsoft .NET Framework Borland Optimizeit Profiler CPU
.NET . Borland

Optimizeit for the Microsoft .NET Framework ,
http://www.borland.com/opt_profiler/ 가 ..

Borland StarTeam 6.0 Standard Edition

StarTeam provides you with a rich and automated system for managing the assets and application lifecycle tasks from within a single repository. For more information about StarTeam 6.0 Standard Edition, please visit: <http://www.borland.com/starteam/>

StarTeam

. StarTeam 6.0 Standard Edition

<http://www.borland.com/starteam/> 가 .

Borland Delphi 2005 Component One Studio Enterprise

Component One Studio Enterprise for Borland Delphi 2005 is a special edition of Studio Enterprise that includes a development license for eleven .NET (Windows Forms) and six ASP.NET (Web Forms) controls. For more information about Component One Enterprise Studio, please visit: <http://www.componentone.com/>

Borland Delphi 2005 Component One Studio Enterprise 11 .NET (Windows Form) 6 ASP.NET(Web Form)

. Component One Enterprise Studio

, <http://www.componentone.com/> 가 ..

Crystal Reports Borland Edition

Crystal Reports Borland Edition is a .NET version of the world's leading reporting tool for use in your C# and Delphi for .NET applications. For more information about Crystal Reports Borland Edition, please visit:

<http://www.businessobjects.com/products/reporting/crystalreports/net/default.asp>

Crystal Reports Borland Edition .NET C# Delphi .NET . Crystal Reports Borland Edition

, <http://www.businessobjects.com/products/reporting/crystalreports/net/default.asp>

가

glyFX Borland Special Edition

glyFX Borland Special Edition is a collection of 95 high-quality images for use in toolbars, buttons, or any control that supports bitmap files. For more information on glyFX Borland Special Edition, please visit: <http://www.glyfx.com>

glyFX Borland Special Edition , ,
 . glyFX Borland Special Edition
 , <http://www.glyfx.com> 가 .

IBM DB2 Universal Developers Edition

IBM DB2 Universal Developers Edition DB2 , DB2
 , ,
 .

InstallShield Express for Borland Delphi

InstallShield Express for Borland Delphi provides you with an easy-to-use graphical interface for building custom installers for your Windows software. For more information on InstallShield Express for Borland Delphi, please visit: <http://www.installshield.com/Borland>

Borland Delphi InstallShield Express Custom Installer
 .
<http://www.installshield.com/Borland> 가 .

Internet Direct (Indy)

Internet Direct (Indy) is an open-source Internet component suite comprised of popular Internet protocols written in Delphi and based on blocking sockets. For more information about Internet Direct, please visit: <http://www.atozed.com/indy>

Internet Direct (Indy) Delphi

<http://www.atozed.com/indy> 가 .

IntraWeb

IntraWeb is a complete RAD solution for building Web applications, dynamic Web sites that go well beyond the capabilities of regular ASP.NET Web applications and ISAPI Web server extensions. For more information on IntraWeb, please visit:

<http://www.atozed.com/intraWeb/>

IntraWeb Regular ASP.NET ISAPI
RAD
. IntraWeb <http://www.atozed.com/intraWeb/>
가 .

Microsoft SQL Server 2000 Desktop Engine (MSDE 2000)

MS SQL Server 2000

SQL 가 SQL 2000 Server

Microsoft SQL Server 2000 Developer Edition

MS SQL Server Developer Edition SQL 2000 Server

Rave Reports Borland Edition

Rave Reports Borland Edition is a powerful and scalable suite of VCL and VCL for .NET reporting components for creating sophisticated Delphi reports. For more information about Rave Reports Borland Edition, please visit: <http://www.nevrona.com/rave/>

Rave Reports Boland Edition Delphi
가 VCL VCL.Net . Rave Reoports Borland
Edition <http://www.nevrona.com/rave/> 가 .

Wise Owl Demeanor .NET Borland Edition

Wise Owl Demeanor for .NET Borland Edition is a .NET obfuscator, a tool that helps prevent others from reverse-engineering your managed code applications and assemblies. For more information about Wise Owl Demeanor for .NET Borland Edition, please visit: <http://www.wiseowl.com/>

Wise Owl Demeanor for .Net Borland Edition
가 .Net obfuscator .
<http://www.wiseowl.com/> 가

Borland

Developer Network 가 . <http://bdn.borland.com/>.

,
Borland online, Repository Code Central . Code
Central url : <http://cc.borland.com/ccweb.exe/>

Summary

20 Delphi 2005 ,
 가
 . Application lifecycle
 Delphi 2005 Windows .

Borland Software Corporation

1983 Borland Software Corporation(NASDAQ:BORL) SDO(software delivery optimization) OS . Borland
 가 , ,
 .
 URL .. <http://www.borland.com>.

가

Carey Jensen , Jensen Data Systems, Inc
 .(<http://www.jensendatasystems.com>). 19 ,
 Borland Developer Network ..
 , . Cary Texas, Rice
 University . E-mail :
cjensen@jensendatasystems.com.

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