

Современные системы программирования

Краткий обзор программ

The image shows the Lazarus IDE interface with several callouts highlighting key components:

- Компоненты** (Components): A yellow callout pointing to the component palette at the top of the IDE.
- Форма** (Form): A yellow callout pointing to the Form Designer canvas.
- Инспектор объектов** (Object Inspector): A yellow callout pointing to the Object Inspector panel on the left, which is also outlined in red. It shows a list of properties for a `TForm1` object, including `Align`, `AutoSize`, `Color`, and `FormStyle`.
- Среда разработчика Lazarus v0.9.26.2 beta** (Lazarus Developer Environment): A blue callout at the bottom right of the IDE.

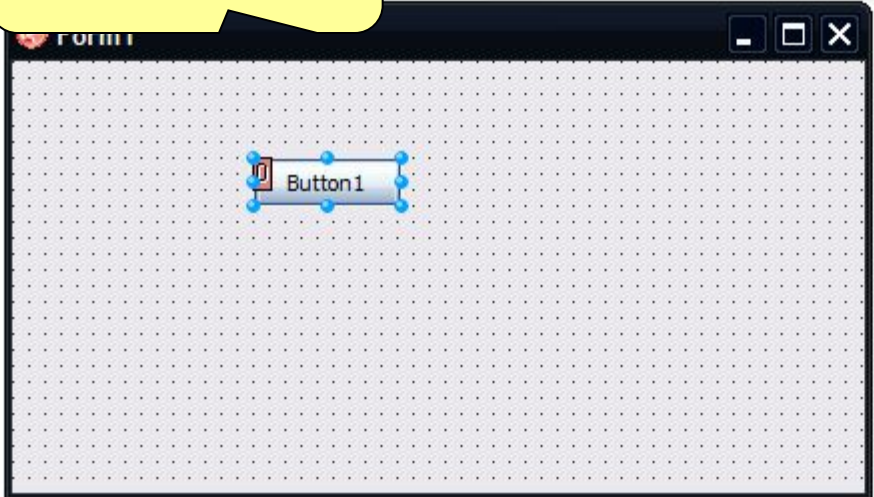
The Source Editor in the center shows the following code:

```
uses
  Classes, SysUtils, FileUtil,

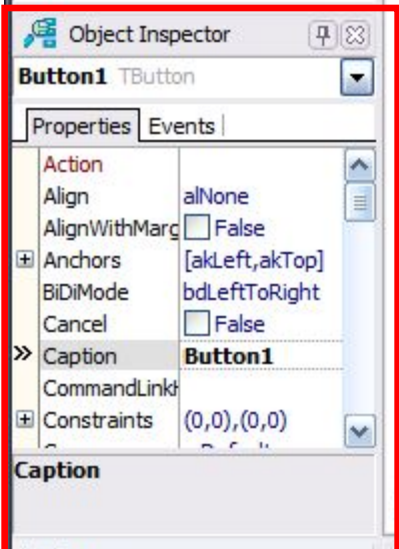
type
  TForm1 = class(TForm)
  private
    { private declarations }
  public
    initialization
      {$I unit1.lrs}
    end.
```

Среда разработчика DELPHI 2010

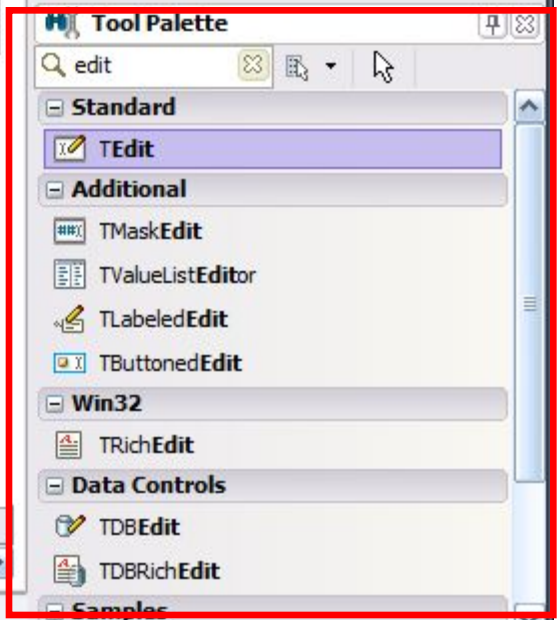
Форма



Инспектор объектов



Компоненты



Компоненты

Инспектор объектов

The screenshot displays the Microsoft Visual Basic IDE. The main window shows a form titled 'Form1' with a grid background. On the form, there are three buttons: 'Add the Icon', 'Modify the Icon', and 'Delete the Icon'. Below these buttons is a text box containing the text 'Hello, from the tray'. The text box is selected, and its properties are shown in the 'Properties - txtTip' window on the right. The properties window shows the following values:

Property	Value
ScrollBars	0 - None
TabIndex	3
TabStop	True
Tag	
Text	from the tray
ToolTipText	

The 'Properties - txtTip' window also shows the 'Text' property description: 'Returns/sets the text contained in the'.

Форма

Среда разработчика
Microsoft
Visual Basic

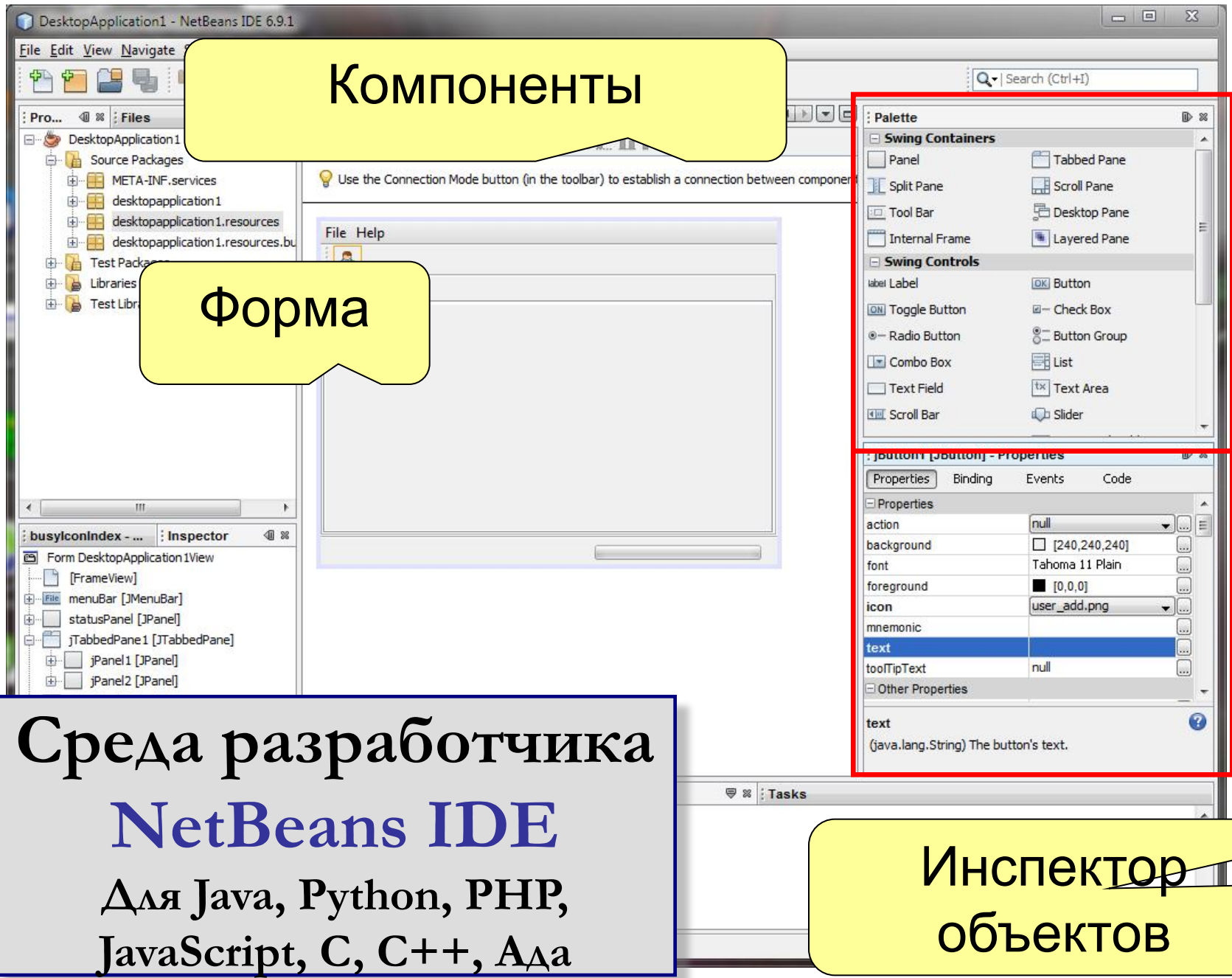
Инспектор объектов

The image shows the Microsoft Visual Studio IDE in design mode for a Windows application. The central window displays a form titled "WinUnleaked Image Uploader" with various controls like text boxes, buttons, and checkboxes. The left sidebar shows the "Toolbox" with a list of UI components. The right sidebar shows the "Properties" window for the selected form. A red box highlights the Toolbox and Properties windows. A yellow callout points to the form with the word "Форма". A yellow callout points to the Toolbox with the word "Компоненты". A large blue box at the bottom contains the text "Среда разработчика Microsoft Visual Studio".

Форма

Компоненты

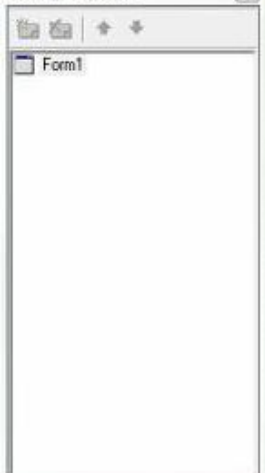
Среда разработчика
Microsoft
Visual Studio



C++ Builder 6 - Project1



Object TreeView



Form1

Форма

Компоненты

Object Inspector



Инспектор объектов

Unit1.cpp

Unit1.cpp

```
//  
#include <vcl.h>  
#pragma hdrstop  
  
#include "Unit1.h"  
//-----  
#pragma package(smart_init)  
#pragma resource "*.dfn"  
TForm1 *Form1;  
//-----  
__fastcall TForm1::TForm1(TComponent* Owner)  
    : TForm(Owner)  
{  
}
```

Среда разработчика
C++ Builder