

## Color Property

[Example](#)

### Applies to

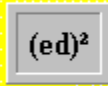
TPrintSet component

### Declaration

```
property Color: Integer;
```

### Description

Specifies whether a color printer is to render color or monochrome output. Possible values as defined in the WinTypes.INT file are: **dmcolor\_Color** (1) or **dmcolor\_Monochrome** (2).



**EMINENT DOMAIN SOFTWARE**

## EDSPrint Component v2.0 (PrintObj)

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Formerly known as the PrintObj unit, EDSPrint enables the Delphi developer to programmatically set several printer properties including page size (i.e. Legal, Letter), printer resolution, and more. The unit is now published as a component which can be dropped onto a form as you would any other component. Like other components you must first follow the [Installation Instructions](#) to add the PrintSet component onto the Delphi Component Palette. The installation instructions will also show you how to add this new online help which can be easily integrated into the Delphi help subsystem.

### **See Also**

[Installation Instructions](#)

[The PrintSet Component](#)

[Other EDS Components](#)

[Contacting Eminent Domain Software](#)

## Copies Property

[Example](#)

### Applies to

TPrintSet component

### Declaration

```
property Copies: Integer;
```

### Description

The number of copies to be printed if the printer supports multiple page printing.

## DefaultSource Property

[Example](#)

### Applies to

TPrintSet component

### Declaration

```
property DefaultSource: Integer;
```

### Description

Selects the default paper source for the current printer. Possible values contain the prefix dm-bin (e.g. dm-bin\_Upper) and are defined in the WinTypes.INT file in the DELPHI\DOC directory.

## Duplex Property

[Example](#)

### Applies to

TPrintSet component

### Declaration

```
property Duplex: Integer;
```

### Description

Specifies duplex (double-sided) printing for printers capable of duplex printing. This member as defined in the WinTypes.INT file can be **dmdup\_Simplex** (1), **dmdup\_Horizontal** (2), and **dmdup\_Vertical** (3).

## **EDSPrint Unit**

The EDSPrint unit contains the TPrintSet class which encapsulates the windows TDevMode structure.

When you add a component declared in this unit to a form, the unit is automatically added to the **uses** clause of that form's unit.

### **Components**

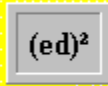
TPrintSet

### **Constansts**

CCHBinName

CBinMax

CPaperNames



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## GetBinSourceList Method

**Applies To**  
TPrintSet

**Declaration**

```
function GetBinSourceList: TStringList;
```

**Description**

Returns a string list of the available paper sources.



## GetPaperList Method

**Applies To**  
TPrintSet

**Declaration**

```
function GetPaperList: TStringList;
```

**Description**

Returns a string list of the available page types.

## Installation Instructions

[See Also](#)

### Installing the EDSSpell Help

The install program copies a help files and a keyword files to the EDSVCL directory. To install the EDSPrint integrated help into Delphi, copy the `EDSPRINT.HLP` file into the `DELPHI\BIN` directory and copy the `EDSPRINT.KWF` file into the `DELPHI\HELP` directory.

Install `EDSPRINT.KWF` by running Delphi's `HelpInst` utility (do not do this while Delphi is running). Select **File|Open** from the menu and open `DELPHI.HDX` in the `DELPHI\BIN` directory. A list of current `*.KWF` files is shown. Select the **Keywords|Add** option from the menu and add the `EDSPRINT.KWF` file. Select **File|Save** and exit `HelpInst`.

### Adding the component to Delphi's Component Palette

The files for Eminent Domain Software's EDSPrint Component for Borland's Delphi programming environment have been copied to your hard disk. Before you can use EDSPrint, you must add the `PrintSet` component to the Delphi component palette. Follow the instructions below to complete the installation:

- 2) Execute Delphi.
- 2) In Delphi select **Options|Install Components|Add** and browse the EDSVCL directory.
- 5) Select `EDSPRINT.PAS`.

After the component library is rebuilt, you will notice the **PrintSet** component the Domain tab of your component palette.

## Orientation Property

[Example](#)

### Applies to

TPrintSet component

### Declaration

```
property Orientation: Integer;
```

### Description

Sets the orientation of the printer. This member as defined in the WinTypes.INT file can be **dmorient\_Portrait** (1), or **dmorient\_Landscape** (2).

## Other EDS Components



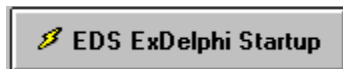
The EDSSpell Checking Component for Delphi allows developers to add a fast spell checking engine to their Delphi applications. Simply drop the SpellDlg component from the Delphi Component Palette as you would an OpenFileDialog or PrintDialog. You may then spell check a memo:

```
procedure TForm1.SpellCheck1Click (Sender: TObject);  
begin  
    SpellDlg1.CheckMemo (Memo1);  
end; { TForm1.SpellCheck1Click }
```

You can also spell check all components on a form:

```
procedure TForm1.SpellCheck1Click (Sender: TObject);  
begin  
    SpellDlg1.CheckAllFields (Form1, TRUE);  
end; { TForm1.SpellCheck1Click }
```

Version 2.0 of EDSSpell now supports TurboPower's powerful Orpheus components. See the EDSSPELL.HLP file for more information.



The EDS Execute Delphi utility automatically unclutters the Delphi desktop by minimizing all Windows applications prior to running Delphi.

Version 2.0 now restores the Windows desktop after you exit Delphi. And hey, it's free!



### **Coming Soon...**

The EDSCalc Component for Delphi will allow developers to add a calculator component to their applications. Three calculators will be included:

- TSimpCalc** - a simple calculator
- TTapeCalc** - a calculator with a tape display
- TProgCalc** - a calculator with hex, bin, and dec conversions

[Ordering from Eminent Domain Software](#)

## PaperLength Property

[Example](#)

### Applies to

TPrintSet component

### Declaration

```
property PaperLength: Integer;
```

### Description

A paper length, in tenths of a millimeter. This parameter overrides the paper length specified by the PaperSize property, either for custom paper sizes or for such devices as dot-matrix printers that can print on a variety of page sizes.

## PaperSize Property

[Example](#)

### Applies to

TPrintSet component

### Declaration

```
property PaperSize: Integer;
```

### Description

Specifies the paper size for the printer. Possible values start with a prefix of dmpaper (e.g. dmpaper\_Legal) and are defined in the WinTypes.INT.

## PaperWidth Property

[Example](#)

### Applies to

TPrintSet component

### Declaration

```
property PropertyWidth: Integer;
```

### Description

Specifies the paper width, in tenths of a millimeter. This value overrides the paper width specified by the PaperSize property.

## PrintQuality Property

[Example](#)

### Applies to

TPrintSet component

### Declaration

```
property PrintQuality: Integer;
```

### Description

Specifies the the printer resolution. The four predefined device-independent values as defined in the WinTypes.INT file are **dmres\_high** (-4), **dmres\_Medium** (-3), **dmres\_Low** (-2), and **dmres\_Draft** (-1). If a positive value is given, it specifies the number of dots per inch (DPI) and is therefore device-dependent. If the printer initializes the YResolution property, the PrintQuality property specifies the x-resolution of the printer, in dots per inch.



## SaveToDefaults Method

**Applies To**  
TPrintSet

**Declaration**

```
procedure SaveToDefaults;
```

**Description**

Save the current printer settings as defaults. This is particularly useful for running an external program with page settings different than the current defaults.

## Scale Property

[Example](#)

### Applies to

TPrintSet component

### Declaration

```
property Scale: Integer;
```

### Description

The factor by which the printed output is to be scaled. The apparent page size is scaled from the physical page size by a factor of  $\text{Scale}/100$ . For example, a letter-size paper with a Scale value of 50 would contain as much data as a page of size 17 by 22 inches because the output text and graphics would be half their original height and width.

## SetDeviceMode Method

**Applies To**  
TPrintSet

**Declaration**  
`procedure SetDeviceMode;`

**Description**  
Updates the Windows internal TDevMode structure. You should rarely (if ever) need to call this directly.



## TPrintSet Component

[Properties](#)

[Methods](#)

### Unit

EDSPrint

### Description





The TPrintSet component allows the Delphi developer to set several printer properties.

Several page properties may be set using TPrintSet. You may set the page orientation using the Orientation property. You may set the paper type (i.e. Letter, Legal) using the PaperSize property.

The print resolution of the printer can be accessed through the PrintQuality property.













## Methods

### Key methods

-  GetBinSourceList
-  GetPaperList
-  SaveToDefaults
-  SetDeviceMode

## Properties

▶ Run-time only    ▶ Key properties

- ▶  Color
- ▶  Copies
- ▶  DefaultSource
- ▶  Duplex
- ▶  Orientation
- ▶  PaperLength
- ▶  PaperSize
- ▶  PaperWidth
- ▶  PrintQuality
- ▶  Scale
- ▶  TTOption
- ▶  YResolution

## TTOption Property

[Example](#)

### Applies to

TPrintSet component

### Declaration

```
property TTOption: Integer;
```

### Description

Specifies how TrueType fonts should be printed. The following as defined in the WinTypes.INT file are **dmTT\_Bitmap** (print TrueType fonts as graphics - this is the default action for dot-matrix printers), **dmTT\_Download** (download TrueType fonts as soft fonts - this is the default action for Hewlett-Packard printers that use PCL), and **dmTT\_SubDev** (substitute device fonts for TrueType fonts - this is the default action for PostScript printers).

## YResolution Property

[Example](#)

### Applies to

TPrintSet component

### Declaration

```
property YResolution: Integer;
```

### Description

Specifies the resolution of the printer in dots per inch. If the printer initializes this property, the PrintQuality property specifies the x-resolution of the printer in dots per inch.



## Example

The following code sets the bin source for the current printer to envelope:

```
procedure TForm1.SetPrintEnvelope (Sender: TObject);  
begin  
    PrintSet1.Bin := dmbin_Envelope;  
end; { TForm1.SetPrintEnvelope }
```

## Example

The following code sets the color printer to output monochrome:

```
procedure TForm1.SetToMonochrome (Sender: TObject);  
begin  
    PrintSet1.Color := dmcolor_Monochrome;  
end; { TForm1.SetToMonochrome }
```

## Example

The following code sets the number of copies to be printed to 5:

```
procedure TForm1.SetNumberOfCopies (Sender: TObject);  
begin  
    PrintSet1.Copies := 5;  
end; { TForm1.SetNumberOfCopies }
```

## Example

The following code sets the printer to duplex printing:

```
procedure TForm1.SetDuplexPrinting (Sender: TObject);  
begin  
    PrintSet1.Duplex := dmdup_Horizontal;  
end; { TForm1.SetDuplexPrinting }
```

## Example

The following code sets the page orientation to landscape:

```
procedure TForm1.SetLandscape (Sender: TObject);  
begin  
    PrintSet1.Orientation := dmorient_Landscape;  
end; { TForm1.SetLandscape }
```

## Example

The following code sets the paper size to 9 inches:

```
procedure TForm1.SetPaperLength (Sender: TObject);  
const  
    MillimetersPerInch = 254;  
begin  
    PrintSet1.PaperLength := 9 * MillimetersPerInch;  
end; { TForm1.SetPaperLength }
```

## Example

The following code sets the paper size to Legal:

```
procedure TForm1.SetLegal (Sender: TObject);  
begin  
    PrintSet1.PaperSize := dmpaper_Legal;  
end; { TForm1.SetLegal }
```

## Example

The following code sets the paper width to 5 inches:

```
procedure TForm1.SetPaperWidth (Sender: TObject);  
const  
    MillimetersPerInch = 254;  
begin  
    PrintSet1.PaperWidth := 5 * MillimetersPerInch;  
end; { TForm1.SetPaperWidth }
```



## Example

The following code sets the printer to high resolution printing:

```
procedure TForm1.SetHiRes (Sender: TObject);  
begin  
    PrintSet1.PrintQuality := dmres_High;  
end; { TForm1.SetHiRes }
```

## Example

The following code sets the printer to print everything in half its original size:

```
procedure TForm1.SetHalfPrinting (Sender: TObject);  
begin  
    PrintSet1.Scale := 50;  
end; { TForm1.SetHalfPrinting }
```

## Example

The following code sets the printer to use bitmap fonts for TrueType:

```
procedure TForm1.SetBitmapFonts (Sender: TObject);  
begin  
    PrintSet1.TTOption := dmTT_Bitmap;  
end; { TForm1.SetBitmapFonts }
```

## Example

The following code sets the page resolution in dots per inch:

```
procedure TForm1.SetPageResolution (Sender: TObject);  
begin  
    PrintSet1.YResolution := 3300;    {300 dpi X 11"}  
end;    { TForm1.SetPageResolution }
```



