PrintPage/AddPrintChart Components Version 4.3

Preview and Print fullpage Delphi forms.

To install the PrintPage and AddPrintChart components copy these five files to your Lib directory:

        printcha.dcr
        printcha.pas
        printpag.dcr
        printpag.dfm
        printpag.pas

Then install the Printpag.pas and Printcha.pas files.

Just drop a PrintPage component on the form you want to print from, add a line to set Source and call Print or Preview. If you print Charts just drop the AddPrintChart component to the form and set the PrintPageComponent property to PrintPage1.

In the Form that you want to use PrintPage from, put any units with forms you want to print in a uses statment in the implementation section.

<u>PrintPage procedures, functions, properties and events:</u>

*property Source: TScrollingWinControl
Runtime only. Default is nil. The form or scrollbox you want to print or preview. This is a Runtime only property so you must assign a value in your program befor calling print or preview. Don't forget to put the unit of the source in a uses statment.

*property OnUpdatePrintStatus: TNotifyEvent
Default is nil. This is the place to update your status gauge with a line like:
    Gauge1.Progress := Gauge1.Progress + 1;

*procedure Print
Prints the form or scrollbox defined in Source.

*function Preview: integer
Shows a modal preview form of Source. Returns the modalresult. Selecting Print from the preview menu closes the preview form and returns mrPrint. Preview is most usefull when designing forms.

property PrintTags: longint
Default is 0. PrintTags is anded with each component Tag to control what prints. It is normally 0 (zero) and will print all components without a negative tag. If PrintTags is 12 and you set some component tags to 2 and others to 4 and some others to 8, only those with tags of 4 and 8 will print. Confused? Well, you can print different versions of one form.

property PreviewMenu: boolean
Default is false. True shows print and cancel on the preview form menu.

property PreviewRulers: boolean
Default is false. True shows a horizontal and a vertical ruler on the preview form.

property PreviewScale: double
Default is 3.0, 1/3 form size preview. Range 1.0 to 4.0. Large = 2.0, ok for SVGA.
Medium = 3.0, small = 4.0

property DesignPixelsPerInch: integer
Default is 96. If you design in a largefont video mode (120 PPI), you can change
this property to 120. Form.Scaled should always be set to false so the printing
does not change in different video modes.

property PreviewHeight: double
Default is 10.5.
property PreviewWidth: double
Default is 8.0. These two properties are used for the preview form only. Don't
change for landscape forms, set the printer to landscape mode. Preview uses these
numbers not the actual printer page size.

property LeftOffset: integer
property TopOffset: integer
Runtime only. Default is 0. You can use these to let the user shift the printed
form left and top edges. 96 (or 120) = 1 inch. 1/DesignPixelsPerInch.

Groups, Panels, Notebooks and TabbedNotebooks make a recursive call to PrintControl
to print whatever components are on them.

Lines in StringGrids and Calendars are always printed if GridLineWidth > 0.

Charts and Images preview as empty boxes.

Images print only if they are of type TBitmap.

The source code is not commented, but this is Pascal.

Try the Rulers components for easy form layout and RotateLabel for something
special. (Delphi VCL Lib.) The print procedures are already in PrintPage. Just
change the {$DEFINE NO....} statements at the top of Printpag.pas.

How to use PrintPage.

```
implementation
uses Unit2;

procedure TForm1.PrintPage1UpdatePrintStatus(Sender: TObject);
begin
  Gauge1.Progress := Gauge1.Progress + 1;
end;

procedure TForm1.PrintButtonClick(Sender: TObject);
begin
    PrintPage1.Source := Form2;
    PrintPage1.Print;
end;

procedure TForm1.PreviewButtonClick(Sender: TObject);
begin
    PrintPage1.Source := Form2;
    if PrintPage1.Preview = mrPrint then
    begin
      Gauge1.Progress := 0;
```

```
        Gauge1.Visible := true;
        PrintPage1.Print;
        Gauge1.Visible := false;
      end;
end;
```

Enjoy, Bill.