

How Do I... Add Photos to a Report?

Problem

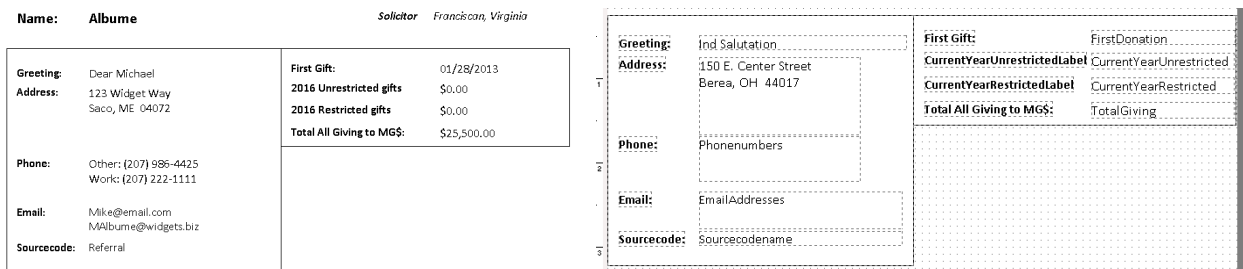
I have added photos to many of my contacts. I'd like my Pledge Profile reports to show those photos as well.

Solution

By modifying the report with a new image object, reports can print the photo stored in the TCM database.

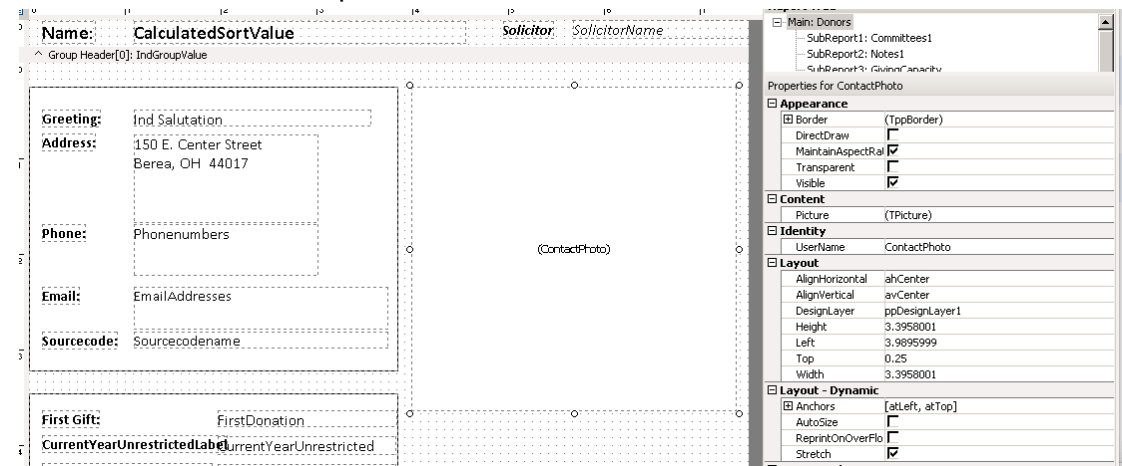
Process

1. Open the report that needs the image added and *Save As* with a new name.
 - a. Present version of the report in preview and design forms



2. Edit the template as needed to provide a location for the image.
3. Place an *Image* object [GREEN] on the report and size it appropriately

- a. New version of the report

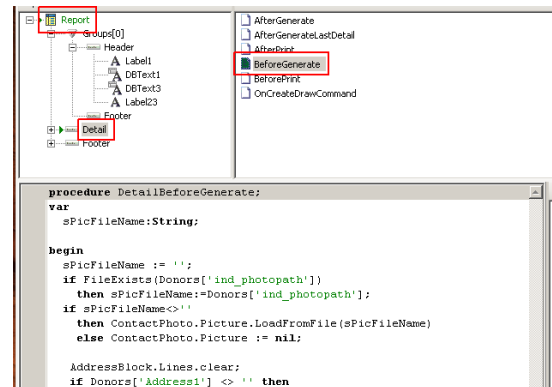


- b. Set the properties for the image.
 - i. MaintainAspectRatio = checked
 - ii. AutoSize = unchecked
 - iii. Stretch = checked
 - iv. UserName = ContactPhoto – this can be any value, but the code below will need to be updated with the name.

How Do I...

- The Data source needs to include the field *ind_photopath* from the *Contacts* table. Add it if it is not currently present. The “How Do I Add Gift Details to my Report” FAQ describes adding additional columns to a report.
- Go to the *Calc* tab [BLUE above] and find the Report → Detail → BeforeGenerate method [RED below].

- Add the new code as shown. In this example, additional code handles an address block; only the image code will be described in this document.



```

var
  sPicFileName:String;
begin
  sPicFileName := '';
  if FileExists(Donors['ind_photopath'])
  then sPicFileName:=Donors['ind_photopath'];
  if sPicFileName<>' '
  then ContactPhoto.Picture.LoadFromFile(sPicFileName)
  else ContactPhoto.Picture := nil;

```

- Return to the *Design* tab and save.

Explanation of code

```

var
  sPicFileName:String;

```

var is a special command that defines the next text as a variable – basically a container for data. In this example, the variable name is *sPicFileName* and will hold data of type *String* (ie, text).

Begin

Begin indicates the start of the method. The *Begin..End* code was automatically entered when the method was selected. The *var* line was inserted above the *Begin*.

```

  sPicFileName := '';

```

The variable *sPicFileName* is reset to a “blank” value.

```

  if FileExists(Donors['ind_photopath'])
  then sPicFileName:=Donors['ind_photopath'];

```

The *FileExists* function validates that the field points to a valid file and if it does, sets the variable to that file.

```

  if sPicFileName<>' '
  then ContactPhoto.Picture.LoadFromFile(sPicFileName)
  else ContactPhoto.Picture := nil;

```

Assuming the variable is not blank (it will be blank if the *FileExists* function had not found a valid file), the Image Object named *ContactPhoto* will be set to load the image from the file, otherwise will be blank (*nil* is a special value in the ReportDesigner).

