

How to save the font settings of a control to the registry

QUESTION

How can I save the font settings of a control to registry?

You can create a little component (that does not need not be installed on the palette) that allows you to stream a fonts properties to a stream. The stream contents could then be saved to a binary key in the registry.

```
{ ... }
type
  TFontWrapper= class( TComponent )
private
  FFont: TFont;
  Constructor Create( aOwner: TComponent ); override;
  Destructor Destroy; override;
  Procedure SetFont( value: TFont );
published
  property Font: TFont read FFont write SetFont;
end;

{ TFontWrapper }

constructor TFontWrapper.Create(aOwner: TComponent);
begin
  inherited;
  FFont :=TFont.Create;
end;

destructor TFontWrapper.Destroy;
begin
  FFont.Free;
  inherited;
end;

procedure TFontWrapper.SetFont(value: TFont);
begin
  FFont.Assign( value );
end;

{ ms is a field of the form }
procedure TForm1.Button1Click(Sender: TObject);
var
  helper: TFontWrapper;
begin
  if not Assigned(ms) then
    ms:= TMemoryStream.Create
  else
    ms.Clear;
  helper := TFontWrapper.Create( nil );
  try
    helper.font := labell1.font;
    ms.WriteComponent( helper );
  finally
    helper.free;
  end;
  labell1.font.size := labell1.font.size + 2;
end;

procedure TForm1.Button2Click(Sender: TObject);
var
  helper: TFontWrapper;
begin
  If not Assigned(ms) then Exit;
  ms.Position := 0;
  helper := TFontWrapper.Create( nil );
  try
```

```
ms.ReadComponent( helper );  
label1.font := helper.font;  
finally  
    helper.free;  
end;  
end;
```

If *reg* is a *TRegistry* instance already with key open a

```
reg.WriteBinaryData( valuenam, ms.Memory^, ms.Size );
```

would save the streamed data to the registry, and

```
ms.size := reg.GetDataSize( valuenam );  
reg.ReadBinaryData( valuenam, ms.Memory^, ms.Size );
```

would read it back. Mind the caret!

Original resource:	The Delphi Pool
Author:	Peter Below
Added:	2012-07-08
Last updated:	2012-07-08

Copyright © Peter Johnson (*DelphiDabbler*) 2002-2018