How to convert Delphi forms from binary to text and vice versa

Here are some routines you can use to test and convert between Delphi's binary and text form (`.dfm`) file formats.

Test for a binary form file

```
// returns true if dfm file is in a binary format
function IsDFMBinary(FileName: string): Boolean;
var
  F: TFileStream;
  B: Byte;
begin
  B := 0;
  F := TFileStream.Create(FileName, fmOpenRead);
  try
    F.Read( B, 1 );
    Result := B = $FF;
  finally
    F.Free;
  end;
end;
```

Convert from binary to text and vice versa

```
// convert a binary dfm file to a text dfm file
function Dfm2Txt(Src, Dest: string): boolean;
var
  SrcS, DestS: TFileStream;
begin
  if Src = Dest then
  begin
    MessageDlg('Error converting dfm file to binary!. '
      + 'The source file and destination file names are the same.',
      mtError, [mbOK], 0);
    result := False;
    exit;
  end;
  SrcS := TFileStream.Create(Src, fmOpenRead);
  DestS := TFileStream.Create(Dest, fmCreate);
  try
    ObjectResourceToText(SrcS, DestS);
    if FileExists(Src) and FileExists(Dest) then
      Result := True
    else
      Result := False;
  finally
    SrcS.Free;
    DestS.Free;
  end;
end;

// convert a text DFM file to a binary DFM file
function Txt2DFM(Src, Dest: string): boolean;
var
  SrcS, DestS: TFileStream;
begin
  if Src = Dest then
  begin
    MessageDlg('Error converting dfm file to binary!. '
      + 'The source file and destination file names are the same.',
      mtError, [mbOK], 0);
    Result := False;
```

```
    exit;
  end;
  SrcS := TFileStream.Create(Src, fmOpenRead);
  DestS := TFileStream.Create(Dest, fmCreate);
  try
    ObjectTextToResource(SrcS, DestS);
    if FileExists(Src) and FileExists(Dest) then
      Result := True
    else
      Result := False;
  finally
    SrcS.Free;
    DestS.Free;
  end;
end;
```

Open a Binary DFM File as a Text Stream

```
/// open a binary DFM file as a text stream
function DfmFile2Stream(const Src: string; Dest: TStream): boolean;
var
  SrcS: TFileStream;
begin
  SrcS := TFileStream.Create(Src, fmOpenRead or fmShareDenyWrite);
  try
    ObjectResourceToText(SrcS, Dest);
    Result := True;
  finally
    SrcS.Free;
  end;
end;
```

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