

```
1: program HTTP_PNG_Streamer;
2: // DEMO for mX3 maxbox3 !!
3: // gets a PNG graphic from an URL, stored in Stream, converts to jpg and saved
4: // shows new section 101 - 120 http/internet examples, loc's=73
5:
6: var
7:   myImage: TImage;
8:   myURL: string;
9:
10: function FileSizeByName2(const AFilename: string): longint;
11: begin
12:   with TFileStream.Create(AFilename, fmOpenRead or fmShareDenyWrite) do
13:     try
14:       Result:= Size;
15:     finally
16:       Free;
17:     end;
18: end;
19:
20: procedure buildImageForm;
21: var
22:   inFrm: TForm;
23: begin
24:   inFrm:= TForm.create(self)
25:   with inFrm do begin
26:     position:= poScreenCenter;
27:     FormStyle:= fsStayOnTop;
28:     color:= clblue;
29:     borderStyle:= bsDialog;
30:     caption:= 'mX3 StreamDream'
31:     width:= 750; height:= 450;
32:     Show;
33:   end;
34:   myImage:= TImage.Create(inFrm);
35:   with myImage do begin
36:     Parent:= inFrm;
37:     width:= inFrm.width;
38:     height:= inFrm.height;
39:     Left:= 10;
40:     Top:= 10;
41:   end;
42: end;
43:
44: procedure getHTTP_PNG(vimage: TImage);
45: var
46:   idHTTP: TIDHTTP;
47:   pngStream: TMemoryStream;
48: begin
49:   myURL:= 'http://www.softwareschule.ch/images/maxboxgui29.png';
50:   with TLinearBitmap.Create do
51:     try
52:       idHTTP:= TIDHTTP.Create(NIL)
53:       pngStream:= TMemoryStream.create;
54:       //OptimizeMem
55:       idHTTP.Get1(myURL, pngStream)
56:       pngStream.Position:= 0;
57:       LoadFromStream2(pngstream, 'PNG');
58:       vimage.Picture:= NIL;
59:       AssignTo(vimage.Picture.Bitmap);
60:       SaveToFile(ExePath+'mX3GUI.jpg');
61:     finally
62:       Dispose;
63:       Free;
64:       idHTTP.Free;
65:       pngStream.Free;
66:     end;
67: end;
68:
69: begin
70:   buildImageForm;
71:   getHTTP_PNG(myImage);
72:   searchAndOpenDoc(ExePath+'mX3GUI.jpg')
73: end.
74:
75: //*****
```