Synopse

htm2pdf free tool

By A.Bouchez on 2010, Wednesday July 14, 19:07 - Synopse PDF engine - Permalink

- blog
- Delphi
- GIF
- htm2pdf
- PDF
- PNG
- Synopse

Using our SynPDF library and a public domain THtmlView component, and discussion with some of our users, we were able to make a html to pdf conversion tool.

After a discussion with Pawel Stroinski on our forum, the THtmlView component was used to make a tool converting any html document into pdf, i.e. "printing" a html document as a pdf.

I downloaded via SVN the latest THtmlView source code available from the successor of the well-known HTMLViewer components for Delphi (previously sold by PBear.com), i.e. r36.

Then I compiled it under Delphi 7. Some errors in the code. I therefore fixed them. Then try to compile under Delphi 2010 - a lot of warnings, and some main feature not working as expected (like css support). Fixed most bugs, and made a lot of code refactoring - a lot of warning remains, and the component is not truly Unicode: THtmlView use internaly UTF-8 encoding. But it works better than the original version.

Then I used Pawel Stroinski's code using our SynPdf unit to produce a pdf file from any html content.
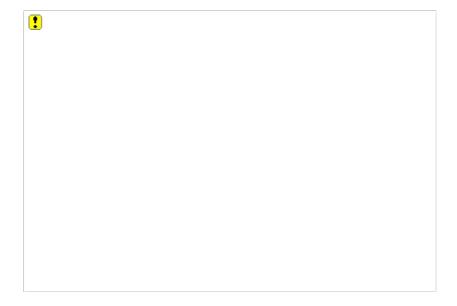
Some bitmaps where not printed: fixed some part of the *SynPdf* library (now in version 1.8.3 in our source code repository).

And since the code from THtmlView did rely on jpeg.pas and was handling PNG just with Delphi 2010, I added a compilation define (set by default) in order to use our SynGdiPlus library to read GIF, PNG and JPEG files. So the resulting executable is smaller in size (less than 890 KB), and work as expected. If you don't like all this, and need GIF animated in your PDF (??? it's a joken pdf doesn't allow this), you can turn the compilation define OFF, and use the previous code.

I've uploaded the source code in the *HtmlView* sub directory of our Source Code Repository.

You can download an executable file from
http://synopse.info/files/pdf/htm2pdf.zip

Just extract the htm2pdf.exe file in a directory, then launch it:

Click on the "Open" button to open a html file, then browse it on the screen, update the parameters below (like margins or paper size), and click on the "Save as" or "Save" buttons.
A pdf file will be created, containing the whole html content, together with the files.

As a demo, I included in the *HtmlView/demo* sub directory of our Source Code Repository some html, css and picture files.

You can download the resulting pdf from http://synopse.info/files/pdf/sample.pdf

This *htm2pdf* tool can be used from the command line, without the GUI window above:

1. you'll observe that the last used parameters are saved in a *htm2pdf.ini* file in the same directory than the executable.

If you launch

```
htm2pdf /silent
```

all parameters from htm2pdf.ini will be used, no GUI will be displayed, and the conversion will be made.

2. you can force to specify a html source file name, and an optional destination pdf file:

```
htm2pdf sample.htm
```

will create a *sample.pdf* file in the same directory as *sample.htm*

```
htm2pdf sample.htm dest.pdf
```

will create a *dest.pdf* file

This tool is released under the Public Domain, free but with no warranty at all.

Discussion and comments are welcome on our forum:
http://synopse.info/forum/viewtopic.php?pid=187

Search

ok

Main dishes

- Synopse PDF Engine 1.18
- Breaking change in mORmot: SQLite3*.pas units renamed mORMot*.pas
- Synopse mORMot framework 1.17
- Synopse
- Synopse Forums
- Antialiased drawing from TMetaFile
- Enhanced System Run Time for Delphi 7 and Delphi 2007

Tags

- AJAX
- blog
- CrossPlatform
- Database
- Delphi
- Documentation
- GoodPractice
- interface
- JSON
- mORMot
- ORM
- performance
- Rest
- security
- SOA
- Source
- SQL
- SQLite3
- Synopse
- Unicode

All tags

- Home -
- Archives

Categories

- Synopse Company (6)
- Open Source (10)
  - Enhanced Delphi Run Time (5)
  - mORMot Framework (80)
  - SynProject documentation and versioning (4)
  - Open Source libraries (24)
  - Synopse BigTable (7)
  - Synopse PDF engine (14)
  - mORMot Framework (120)
- Pascal Programing (77)

RSS

- [Entries feed](#)

©2018 Synopse Informatique - poweredby - [Informations légales](#)