

Demo page

This small utility converts text files to pdf format

usage: **makepdf infile outfile**

Only the 14 standard Type 1 fonts are supported

This is font 1
This is font 2
This is font 3
This is font 4
This is font 5
This is font 6
This is font 7



This is font 8

Τηισ ισ φοντ 9

This is font 10

This is font 11

This is font 12

This is font 13

::*▲*:*:*■▼✍✓

[Click here to go to the documentation for MakePDF](#)

[Click here to play a sound and zoom in.](#)

[Click here to visit my WWW server](#)

If you are using WINDOWS click here to list all your files on drive C:

(Because of the DOS specific dir command, this works only with Wintel PC's.
I think this is a security problem, since the dir *.* could be replaced by a del *.*
(or any other program) which is automatically started after loading the pdf file.)
(this bug is fixed in Acrobat Reader 3.01)

Forms and widgets are not supported in this version of MakePDF.

Only jpeg and 256 color gif pictures are supported.



Simple drawings can be included

Documentation for MakePDF

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usage: makepdf infile outfile

MakePDF reads text from infile and writes it (without modification) to outfile. Non-printable ASCII characters can be included:

\n : line feed
\f : form feed
\ddd : (backslash followed by 3 octal digits) for any ASCII character

There are 7 characters with a special meaning: [] { } < > \
To use any of this characters within the text, precede it with a \ .

The simplest way to generate a text-only pdf file is, to replace any [] { } < > \
by \[\] \{ \} \< \> \
and convert it with MakePDF.

There are 3 types of commands which can be inserted in the text:

- text commands enclosed between []
- pdf commands enclosed between { }
- ctrl commands enclosed between < >

Text and pdf commands are written to the output file without interpretation by the MakePDF program. To increase the readability of the input file, a space or linefeed immediately preceding a [{ < or immediately following a] } > is ignored (if the space or linefeed should be output to the outfile, write an extra space or linefeed).

text commands

Text command are used e.g. to set the font type and size, text position and color. Read the pdf specification for valid text commands.

pdf commands

Pdf commands are used e.g. to draw lines or output pictures. Read the pdf specification for valid pdf commands.

ctrl commands

Ctrl commands are interpreted by MakePDF. A comment can be included in a ctrl command by enclosing it between two * (no * is allowed within the comment, even if it is preceded by a\). There are currently 10 ctrl commands:

1. jpg nr size_x size_y filename

nr: a number for the picture

size_x, size_y: size of the picture. This parameters are necessary, because I don't know how to extract this information from the jpg files

filename: the name of the external jpg file

This command reads an external jpg file and stores it as picture number nr for a later output. This command is only allowed if no page is open (use this command at the beginning of the input file, before any character is output).

2. gif nr size_x size_y filename

nr: a number for the picture

size_x, size_y: size of the picture. This parameters are necessary to be compatible with the jpg format. The size stored in the gif file is ignored.

filename: the name of the external gif file

This command reads an external gif file and stores it as picture number nr for a later output. This command is only allowed if no page is open (use this command at the beginning of the input file, before any character is output).

NOTE: due to the Unisys patent (crazy world: how can such a simple coding scheme be patented?) the gif file is not decoded and re-encoded but only copied into the pdf file. This implies some restrictions:

- only 256 color gifs can be used
- only one, noninterlaced picture is permitted per gif file
- no local color table is permitted

3. sound nr rate channels bits encoding filename

nr: a number for the sound
rate: sample rate in samples per second
channnels: number of sound channels
bits: number of bits per sample
encoding: Raw or Signed
filename: the name of the external sound file

This command reads an external sound file and stores it as sound number nr for a later output. This command is only allowed if no page is open (use this command at the beginning of the input file, before any character is output).

4. paper size_x size_y

Sets the paper size to size_x size_y (default: 595 842)
A4 = 595 842 LETTER = 612 792

This command, when used, must be output before any text.

5. inittext [text]

Initializes the text command, which is output when opening a new page, to text. default is: /F1 12 Tf 25 n Td 12 TL
where n = papersize_y - 30

6. lines nr

Insert a formfeed after nr lines

7. pict nr

nr : number of a picture (which was previous read with a jpg command)

This command tells MakePDF, that the picture number nr is used on the current page.

Note: The actual output of the picture is done with a pdf command (e.g. [q 184 0 0 123 390 274 cm /I1 Do Q] to draw picture number 1). Because the pdf commands are not scanned by MakePDF,

it is also necessary to insert the ctrl command < pict 1>

8. outline level [text]

level: outline level (>=1)

An outline entry with the string text is inserted for the current page.

9. text x y dx dy [text]

x,y : position
dx, dy : size
text : text of the text annotation

A text annotation is inserted in the current page.

10. link x y dx dy border page

x,y : position
dx, dy : size
border : border size (0 for no border)
page : page number (first page has number 1)

A link annotation to another page is inserted in the current page.

11. action x y dx dy border <action_1 ... action_n>

x,y : position
dx, dy : size
border : border size (0 for no border)

action_i: one of the following actions:

a) url url_string
url_string : url e.g. <http://mistress.informatik.unibw-muenchen.de>

b) exec command [parameter]
command: external command, program or file
parameter: parameter for command

Note: The command is output in the Win dictionary, i.e. this command can be used only on Wintel PCs. Change the source code if the command should be output as general command, but then no parameters are supported.

c) sound nr
nr : number of a sound (which was previous read with a sound command)

d) goto nr x y dx dy
nr : page number (first page has number 1)
zoom to (x,y) (x+dx,y+dy) on page nr

e) first
goto first page

f) prev
goto previous page

g) next
goto next page

h) last

goto last page

i) back
go back

j) forward
go forward

An action annotation is inserted in the current page.

Freedom for all numbers!

Nobody should have the right to exclusively own a number. Programs are nothing but large numbers!

A number can't be good or bad! Only a person who reads a number can be bad. So don't forbid numbers but try to make bad people good. A censored text or picture is nothing but a large number!

Remember: Any number is a substring of Pi (3.14...). If you write Pi you have violated all existing copyrights and published all forbidden text, pictures and sounds of the past, present and future.

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