NAME

pdfcook - tool for prepress preparation of PDF documents

SYNOPSIS

pdfcook [OPTIONS] [*commands*] *infile* [infile2..] [*outfile*]

DESCRIPTION

pdfcook is used for preparing PDF documents before printing.
It can split, join PDFs, add page numbers, text, draw lines, scale, rotate, add binding margin, arrange in 2-up, 4-up, booklet format.

OPTIONS

−q −−quiet
Suppress warnings

−p −−papers
Show list of available paper sizes

−−fonts
Show available standard fonts

COMMANDS

Commands follow this syntax :

commands = "command1 command2 ..."

command = name(arg, name1=arg1 ...){page_selections}

{page_selections}
space separated list of page_selection inside curly bracket. All commands support page_selections.

Argument types :

int :	an integer number (1,2, 45 etc)
real :	a number with or without decimal point. (5, 1.2 etc)
measure :	An integer or real followed by a unit like pt,cm,mm,in. If unit is omitted, the unit is assumed as point (pt). eg- 595, 595.0, 210mm, 21.0cm
id :	An identifier is unquoted string. eg- a4, landscape
str :	Double-quoted string. eg- "Page No %d"

page_selection :

number
page number

-number
page from end of the list. -1 is last page

number..number
8..20 means all pages from 8 to 20

-number..number
-1..5 means from last page to fifth last page

$ last page

? odd set of pages

+ even set of pages

List of supported commands :

Commands for working with documents :

read *(name)*

Open document and merge with previous document

write *(name)*

Save document by given filename

Commands for arrange or select pages :

new *{page_ranges}*

Add new pages.
If page_ranges not provided, the page is added to end

del *{page_ranges}*

Delete selected pages

select *{page_ranges}*

Keep only selected pages in page_ranges.

modulo
(step, round){page_ranges}

Special type of select pages.
This command iterate pages by given step.
such as if step=4, index are 0, 4, 8, 12 ...
if command is modulo(4){1 2 3} then chosen pages are,
for index 0 -> 4*0+1, 4*0+2, 4*0+3 = 1, 2, 3
for index 1 -> 5, 6, 7
thus page numbers will be in 1,2,3,5,6,7,9,10,11.. order
if command is modulo(4){-1}, selected pages are
-(4*0+1), -(4*1+1), -(4*2+1), -(4*3+1) ...
= -1, -5, -9, -13, ...

book Arrange pages for printing booklets. Use nup command after this. So pages can be center-folded after printing.

nup *(n, cols, dx, dy, paper, orient)*

Puts n pages in one paper. cols is number of columns. dx and dy are spacings between pages along x and y axis.

Command for pages' content transform:

crop *(paper, orient)*

Make outside area blank white. eg- crop(a4, portrait)

crop2 *(lx, ly, hx, hy)*

Crop pages to the exact size

flip *(mode=<h|v>)*

horizontal or vertical flip. eg- flip(v) or flip(vertical)

line *(lx, ly, hx, hy, width)*

Draw line on page

matrix *(a,b,c,d,e,f)*

Transform pages by 3x3 matrix [a,b,0, c,d,0, e,f,1]

move *(x, y)*

Move page to right by x and to top by y

number *(x, y, start, text, size, font)*

Write page numbers over pages. numbering is started from 'start' page no. eg - number(start=3)

paper *(paper, orient)*

Set paper size without scaling content.

paper2 *(w, h)*

Sets papes size to exact width and height

rotate *(angle)*

Rotate page clockwise. angle must be multiple of 90

scale *(scale)*

Scale pages by specified scale factor

scaleto *(paper, top, right, bottom, left, orient)*

Fit page to paper size and specified margins. eg - scaleto(a4)

scaleto2 *(w, h, top, right, bottom, left)*

Scale to particular width and height and margins

text *(x, y, text, font, size)*

Write text on page at position (x,y)

EXAMPLES

Booklet format in A4 page

book nup(2, paper=a4)

Select first five and last five pages from document

select{1..5 -5..1}

Reverse pages

select{$..1}

or

modulo(1){-1}

Select even pages

select{+}

Fit page to a4 landscape

scaleto(a4, orient=landscape)

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