

## NAME

du2ps – filter for converting output of du to PostScript file

## SYNOPSIS

**du2ps** [ *options* ] < *du\_out\_file* > *ps\_file*

## DESCRIPTION

The **du2ps** reads the output of **du**(1), then print a figure of hierarchic structure and volume of directory as one page PostScript file.

Each directory are illustrated as a rectangle in its volume descending order with height corresponding to its volume, and sub directories are placed from left to right recursively.

## OPTIONS

- land** Layout in landscape.
- port** Layout in portrait (default).
- sa** Place directories in alphabetical order.
- ss** Place directories in volume order (default).
- bw** Monochrome mode (default).
- color** Color mode (8 colors).
- ncolor num**  
Color mode with number of colors.
- a3**
- a4**
- b4**
- b5**
- us** Switch page size to A3, A4, B4, B5, or US letter. Default size is A4.
- ff name**  
Specify the font name for text. Default font is Times-Roman.
- fs size** Specify the font size. Default size is 8.0 [pt].
- ms size**  
Specify the margin size around a page. Default margin is 50.0 [pt].
- lw size**  
Specify the width of line to draw the rectangle area. Default value is 0.5 [pt].
- ncols num**  
Specify number of rectangle columns (maximum directory depth). Default value is 7 for portrait and 10 for landscape.
- eps width height**  
Output in EPS format. *Width* and *height* are the width and height of a BoundingBox.

## EXAMPLES

**du | du2ps | lpr**

The most left directory name becomes “.”, and print “The number of disk blocks used at .” in the upper left corner. **du /home/taro/work | du2ps | lpr**

**du ~taro/work | du2ps | lpr**

The most left directory name becomes “work”, and print “The number of disk blocks used at /home/taro/work” in the upper left corner.

**du ../ps | du2ps -us -fs 16 > tmp.ps; gs tmp.ps**

The most left directory name becomes “ps”, and print “The number of disk blocks used at ../ps” in the upper left corner. The “-us” option makes the page to fit a whole paper, because the default paper size of GhostScript is US letter.

**du ~taro/work ~taro/bin | du2ps -eps 200 300 > fig1.eps**

The most left directory name becomes “taro”, and print “The number of disk blocks used at /home/taro” in the upper left corner. Output will be commented with “%%BoundingBox: 0 0 200 300”.

**du work bin | du2ps -eps 100 100 -fs 4 > fig2.eps**

The most left directory name becomes “..”, and print “The number of disk blocks used at” in the upper left corner.

## **SEE ALSO**

**du(1), xdu(1)**

## **AUTHORS**

Takanori Nagae <nagae@media.t-kougei.ac.jp> and Shigeru Makino <mac@line.to>

The du2ps is based on xdu. The author of xdu is Phillip C. Dykstra <phil@BRL.MIL>.