

pedc2ps

—

A pedigree coordinates-to-postscript converter

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Version 0.5

Abstract

pedc2ps is a program to generate a postscript file containing a marriage node graph of the pedigree from a file in *pedc* format (a small modification of the pedigree coordinates file as defined in **Pedpack**). It is part of the **Pedfiddler** suite of programs for pedigree drawing.

1 Synopsis

pedc2ps [**options**] *pedcfile*

2 Description

pedc2ps reads the file *pedcfile* and generates a postscript file. If the medium option is not specified, an EPS file that is ready to be included in a document is generated. file.

3 Options

- { **-o** | **--output** } *filename* Output file (default `stdout`).
- { **-t** | **--title** } *title* Page title (default no title).
- { **-r** | **--rotate** } 90 degrees rotation (a.k.a. landscape).
- { **-l** | **--nolabels** } Eliminates labels.
- { **-i** | **--noicons** } Eliminates icons.
- { **-f** | **--noframe** } Eliminates frame.
- { **-H** | **--height** } *inches* Page height (default 11 in).
- { **-W** | **--width** } *inches* Page width (default 8.5 in).
- { **-m** | **--margins** } *inches* (default 0.5 in).

{ **-w** | **--linewidth** }*pts* (default 0.5 pts).
 { **-e** | **--elbow_room** }*pts* (default 0.0 pts).
 { **-x** | **--extra_margin** }*pts* (default 0.0 pts).
 { **-T** | **--title_size** }*pts* (default 18.0 pts).
 { **-L** | **--label_size** }*pts* (default 9.0 pts).
 { **-I** | **--icon_size** }*pts* (default 9.0 pts).
 { **-d** | **--default** } Show default values.
 { **-v** | **--version** } Print version.
 { **--medium** } Where *medium* is one of **letter**, **a4**, **legal**, **statement**, **tabloid**, **ledger**, **folio**, **quarto**, or **10x14**. If *medium* option is not specified an EPS file is generated.

4 Examples

- To produce a EPS file without frame, nor labels, and with title “The family X” from the pedc file `famx.pedc`, type


```
pedc2ps -fl -ofamx.eps -t "The family X" famx.pedc
```

 or


```
pedc2ps -f -l -o famx.eps -t "The family X" famx.pedc
```
- To pipe the graph to the printer (assuming `lpr(1)` is the print command) in a legal medium (14x8.5 in), landscape, and without labels nor title, type


```
pedc2ps -H 14 --legal -rl famx.pedc | lpr
```

 The `-H 14` makes the bounding box of the size of the medium.

5 See Also

editpedc(1), *index2pedc(1)*, *list2pedc(1)*, *pedcsharp(1)*, *pedfiddler(1)*, and *pfiddler(1)*.

6 Version

Version: 0.5 of August 16, 2005

7 Acknowledgment

pedc2ps, as part of the **Pedfiddler** suite, uses a modified subset of files from the publicly available version of **Pedpack** (<http://www.stat.washington.edu>). The **Pedpack**-v2.2 counterpart of *pedc2ps* is Charles Geyer’s *psdraw*. Bugs and pitfalls in *pedc2ps* are solely the responsibility of J C. Loredó-Osti and Kenneth Morgan.

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