

NAME

paperconf – print paper configuration informations

SYNOPSIS

paperconf [[**-p**] *paper* | **-d** | **-a**] [**-z**] [**-n** | **-N**] [**-s** | **-w** | **-h**] [**-c** | **-m** | **-i**]

DESCRIPTION

paperconf prints informations about a given paper. The informations that can be obtained are the name of the paper, its size and its width or height. When called without arguments, **paperconf** prints the name of the system- or user-specified paper, obtained by looking in order at the **PAPERSIZE** environment variable, at the contents of the file specified by the **PAPERCONF** environment variable, at the contents of **\${prefix}/etc/papersize** or by using **letter** as a fall-back value if none of the other alternatives are successful. By default, width and height of the paper are printed in PostScript points.

OPTIONS

- p** *paper*
Specify the name of the *paper* about which informations are asked.
- d**
Use the default builtin paper name.
- a**
Consider all known papers names.
- z**
If the paper name is unknown, print it but issue a message on the standard error and exit with a non-zero code.
- n**
Print the name of the paper.
- N**
Print the name of the paper with the first letter capitalized.
- s**
Print the size (width followed by height) of the paper.
- w**
Print the width of the paper.
- h**
Print the height of the paper.
- c**
Use centimetres as unit for paper size.
- m**
Use millimetres as unit for paper size.
- i**
Use inches as unit for paper size.

ENVIRONMENT

- PAPERSIZE**
Paper size to use regardless of what the papersize file contains.
- PAPERCONF**
Full path to a file containing the paper size to use.

FILES

- \${prefix}/etc/papersize**
Contains the name of the system-wide default paper size to be used if the **PAPERSIZE** and **PAPERCONF** variables are not set.

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SEE ALSO

papersize(5)

NAME

paperinfo, **paperwithsize**, **paperfirst**, **paperlast**, **papernext**, **paperprev** – return informations about a paper

SYNOPSIS

```
#include <paper.h>
```

```
const struct paper* paperinfo(const char* papername)
const struct paper* paperwithsize(double psw, double psh)
```

```
char* papername(const struct paper*)
double paperpswidth(const struct paper*)
double paperpsheight(const struct paper*)
```

```
const struct paper* paperfirst(void)
const struct paper* papernext(const struct paper* pinfo)
const struct paper* paperprev(const struct paper* pinfo)
const struct paper* paperlast(void)
```

DESCRIPTION

paperinfo() returns a pointer to a **struct paper** containing informations about the paper with name **papername** **paperwithsize()** looks for a paper whose width and height is **psw** and **psh** in PostScript points, and return a pointer to a **struct paper** corresponding to the paper found.

papername() returns the name of a paper described by an opaque struct paper object **paperpswidth()** returns the width, in PostScript points, of a paper described by an opaque struct paper object **paperpsheight()** returns the height, in PostScript points, of a paper described by an opaque struct paper object

paperfirst() and **paperlast()** return the first and last entries for papers. Iteration from one entry to the next or the previous one can be done with **papernext()** and **paperprev()** respectively.

SEE ALSO

paperinit(3), **paperdone(3)** **defaultpapername(3)**
papersize(5)

NAME

paperinit, paperdone – begin and end using the paper library

SYNOPSIS

```
#include <paper.h>
```

```
void paperinit(void)
```

```
void paperdone(void)
```

DESCRIPTION

paperinit() initializes the paper library, allocating any resources that are necessary for its use. This function must be called before any other function of the paper library is used.

paperdone() frees any resources that were allocated for the paper library. No function of the library should be called after a call to this function.

SEE ALSO

defaultpapername(3), **paperinfo(3)**

papersize(5)

NAME

systempapername, defaultpapername, systempapersizefile, defaultpapersizefile – return names for managing system paper information

SYNOPSIS

```
#include <paper.h>
```

```
const char* systempapername(void)
```

```
const char* defaultpapername(void)
```

```
const char* systempapersizefile(void)
```

```
const char* defaultpapersizefile(void)
```

DESCRIPTION

systempapername() returns the name of the default paper to be used by a program. This name is obtained by looking in that order at the **PAPERCONF** environment variable, at the contents of the file returned by **systempapersizefile()** or by using **defaultpapername()** as a last chance.

defaultpapername() returns the name of the default paper to use if it is impossible to get its name from the environment.

systempapersizefile() returns the path of the papersize file to use. This path is obtained by looking at the **PAPERCONF** environment variable or by calling **defaultpapersizefile()**.

defaultpapersizefile returns the path of the default papersize file.

ENVIRONMENT

PAPERSIZE Paper size to use regardless of what the papersize file contains.

PAPERCONF Full path to a file containing the paper size to use.

FILES

\${prefix}/etc/papersize

Contains the name of the system-wide default paper size to be used.

SEE ALSO

papersize(5)

NAME

papersize – specify preferred paper size

SYNOPSIS

\${prefix}/etc/papersize

DESCRIPTION

The **papersize** file is used to specify the preferred paper size to use by available commands and programs generating documents.

The format of this file is extremely simple: whitespace and anything starting with ‘#’ is ignored, and the name of the paper is the first string found; the case in the name of the paper does not import (see **CAVEATS** section however).

PAPER NAMES

The following names are commonly understood by programs: **a3**, **a4**, **a5**, **b5**, **letter**, **legal**, **executive**, **note** and **11x17**.

Additional paper names that one may encounter are: **a0**, **a1**, **a2**, **a6**, **a7**, **a8**, **a9**, **a10**, **b0**, **b1**, **b2**, **b3**, **b4**, **tabloid**, **statement**, **note**, **halfletter**, **halfexecutive**, **folio**, **quarto**, **ledger**, **archA**, **archB**, **archC**, **archD**, **archE**, **flsa**, **flse**, **csheet**, **dsheet**, **esheet** and **10x14**.

The value of the **papersize** file can be overridden by looking in order at the **PAPERSIZE** environment variable, then at the contents of the file specified by the **PAPERCONF** environment variable. If the **papersize** file does not exist, programs using the paper library default to using **letter** as a fall-back value

CAVEATS

This manual page documents the format of the **papersize** file that is read by the **libpaper** library. Some programs that read this file do not yet use the library and may have trouble ignoring whitespace and comments in the file; they may also require that the paper names use a specific capitalization.

DOCUMENTATION

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SEE ALSO

paperconf(1)

paperconfig(8)

NAME

paperconfig – configure the system default paper size

SYNOPSIS

paperconfig [**-v,--version**] [**-h,--help**] [**-p, --paper** *papername* | **--force**]

DESCRIPTION

paperconfig sets the system (or default) paper to be used by tools using the **papersize** file. It can either ask interactively for the paper to use or be called non-interactively by scripts.

When the paper size has been changed, **paperconfig** notifies other packages of the change by running the scripts in the */etc/libpaper.d* directory.

OPTIONS

-v,--version

Print the version of **paperconfig** and exit.

-h,--help

Print help about usage and exit.

-p, --paper *papername*

Use *papername* if possible. If *papername* is not a valid paper, print an error message and exit.

--force

Force interactive selection of the system paper even if the actual paper is a valid one.

ENVIRONMENT

PAPERCONF Full path to a file containing the paper size to use; this file will be rewritten with the system paper size.

FILES

\${prefix}/etc/papersize

Contains the name of the system-wide default paper size to be used if the **PAPERSIZE** variable is not set.

\${prefix}/etc/libpaper.d

Directory of scripts to run after the paper size has been changed. This package puts no scripts here, but other packages may.

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SEE ALSO

paperconf(1)

papersize(5)