Rocky Enterprise Linux 9.2 Manual Pages on command 'sane-hpsj5s.5'

$ man sane-hpsj5s.5

sane-hpsj5s(5)   SANE Scanner Access Now Easy   sane-hpsj5s(5)

NAME

   sane-hpsj5s - SANE backend for HP ScanJet 5S sheet-fed scanner

DESCRIPTION

   The sane-hpsj5s library implements a SANE (Scanner Access Now Easy)

   backend that provides access to a parallel port Hewlett-Packard ScanJet

   5S scanner.

   IMPORTANT: this is alpha code. Don't expect this to work correctly.

   Many functions are missing, others contain errors. In some cases, your

   computer might even hang. It cannot be excluded (although I consider it

   extremely improbable) that your scanner will be damaged.

   LIMITATIONS: For now this backend works only on Linux. This limitation

   is due to dependence on the libieee1284(3) library. If your system sup?

   ports libieee1284(3) too,this backend should work. If you ported li?

   bieee1284(3) for your platform, please let me know. Your system should

   support EPP (or EPP+ECP) mode to operate this scanner. Future versions

   will support ECP and SPP (Nibble and Byte) modes also. It's planned to

   support scanners not only at daisy-chain position 0, but anywhere. Sup?

port for multiple scanners could be implemented too.

Current version implements only gray scale scanning. True Color and B/W

modes are not supported for now.

That said, TESTERS ARE WELCOME. Send your bug reports and comments to

Max Vorobiev <pcwizard@yandex.ru>.

DEVICE NAMES

This backend expects device names of the form:

    special

Where special is the parallel port name in form, libieee1284(3) ex?

pects. It seems to be system dependent. Under Linux it's parport0, par?

port1, etc.

CONFIGURATION

The contents of the hpsj5s.conf file is a list of parport names that

correspond to HP ScanJet 5S scanners. Empty lines and lines starting

with a hash mark (#) are ignored. Only one device name can be listed

in hpsj5s.conf for this moment. Future versions will support daisy

chain selection.

TIPS

It seems that HP ScanJet 5S scanner uses software noise correction.

This feature is not implemented for now. So does gamma correction and

calibration. I'll handle it in future versions. Native resolution for

this scanner is 300 DPI. Other modes could be jagged in some ways.

FILES

/etc/sane.d/hpsj5s.conf

    The backend configuration file (see also   description   of

    SANE_CONFIG_DIR below).

/usr/lib64/sane/libsane-hpsj5s.a

    The static library implementing this backend.

/usr/lib64/sane/libsane-hpsj5s.so

    The shared library implementing this backend (present on systems

    that support dynamic loading).

ENVIRONMENT

SANE_CONFIG_DIR

This environment variable specifies the list of directories that may contain the configuration file. Under UNIX, the directories are separated by a colon (`:'), under OS/2, they are separated by a semi-colon (`;'). If this variable is not set, the config‐ uration file is searched in two default directories: first, the current working directory (".") and then in /etc/sane.d. If the value of the environment variable ends with the directory sepa‐ rator character, then the default directories are searched after the explicitly specified directories. For example, setting SANE_CONFIG_DIR to "/tmp/config:" would result in directories tmp/config, ., and /etc/sane.d being searched (in this order).

SANE_DEBUG_HPSJ5S

If the library was compiled with debug support enabled, this en‐ vironment variable controls the debug level for this backend. Higher debug levels increase the verbosity of the output.

SEE ALSO

sane(7), libieee1284(3)

http://hpsj5s.sourceforge.net

http://cyberelk.net/tim/libieee1284

AUTHOR

Max Vorobiev

Man page mostly based on canon.man.

13 Jul 2008   sane-hpsj5s(5)