Red Hat Enterprise Linux Release 9.2 Manual Pages on 'sane-qcam.5' command

$ man sane-qcam.5

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

NAME

   sane-qcam - SANE backend for Connectix QuickCam cameras

DESCRIPTION

   The sane-qcam library implements a SANE (Scanner Access Now Easy) back?

   end that provides access Connectix QuickCam cameras.

DEVICE NAMES

   This backend expects device names of the form:

      port

   where port is the I/O port address at which the device resides.   This

   address is normally specified in hexadecimal using C syntax (e.g.,

   0x37b) and may be prefixed with the letter "u" (e.g., u0x37b) to force

   the backend to access the camera in uni-directional mode.

CONFIGURATION

   The contents of the qcam.conf file is a list port addresses that may be

   connected to a Connectix QuickCam. Empty lines and everything starting

   from a hash mark (#) up to the end of a line are ignored. A sample

configuration file is shown below:

```
0x37b  # /dev/lp0

0x378  # /dev/lp1

u0x278 # /dev/lp2 forced in uni-directional mode

0x3bc  # /dev/lp0 (alternate address)
```

In general, it is safest to list only the port addresses that really
correspond to a QuickCam. For example, if one of the listed addresses
actually connect to a printer, then starting up this backend will cause
the printer to perform a device reset (which is generally undesirable).

FILES

/etc/sane.d/qcam.conf

The backend configuration file (see also description of
SANE_CONFIG_DIR below).

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

The static library implementing this backend.

/usr/lib64/sane/libsane-qcam.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_QCAM

If the library was compiled with debug support enabled, this en? vironment variable controls the debug level for this backend. E.g., a value of 128 requests all debug output to be printed. Smaller levels reduce verbosity.

AUTHOR

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BUGS

Support is currently limited to the color version of the QuickCam. The black-and-white camera is starting to work too, but I don't believe it works in all cases yet. Reportedly, acquiring images of certain sizes work fine, but others result in shifted images (sounds like a problem due to byte-padding).

The program needs root-privileges since it needs to be able to access the camera's I/O ports.

SEE ALSO

sane(7)

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