NAME

sane−ibm − SANE backend for IBM and Ricoh SCSI flatbed scanners

DESCRIPTION

The **sane−ibm** library implements a SANE (Scanner Access Now Easy) backend that provides access to the IBM 2456 and the Ricoh IS-410, IS-420, and IS-430 flatbed scanners. Support for the IS-410 and IS-430 is untested. Please contact the maintainer or the sane−devel mailing list if you own such a scanner.

This backend is alpha-quality. It may have bugs and some scanners haven't been tested at all. Be careful and pull the plug if the scanner causes unusual noise.

DEVICE NAMES

This backend expects device names of the form:

special

Where *special* is either the path-name for the special device that corresponds to a SCSI scanner. The program *sane−find−scanner* helps to find out the correct device. Under Linux, such a device name could be */dev/sg0* or */dev/sga*, for example. See **sane−scsi**(5) for details.

CONFIGURATION

The contents of the *ibm.conf* file is a list of device names that correspond to SCSI scanners. Empty lines and lines starting with a hash mark (#) are ignored. See **sane−scsi**(5) on details of what constitutes a valid device name.

FILES

@CONFIGDIR@/ibm.conf
    The backend configuration file (see also description of **SANE_CONFIG_DIR** below).

@LIBDIR@/libsane−ibm.a
    The static library implementing this backend.

@LIBDIR@/libsane−ibm.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 configuration file is searched in two default directories: first, the current working directory (".") and then in @CONFIGDIR@. If the value of the environment variable ends with the directory separator 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 "@CONFIGDIR@" being searched (in this order).

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

SEE ALSO

sane(7), **sane−find−scanner**(1), **sane−scsi**(5),

AUTHOR

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