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

$ man sane-pieusb.5

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

NAME

   sane-pieusb - SANE backend for USB-connected PIE PowerSlide and Re?

   flecta DigitDia/CrystalScan/ProScan slide scanners

DESCRIPTION

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

   backend that provides access to USB-connected PIE and Reflecta slide

   scanners.

   At present, the following scanners should work with this backend:

   Model: Status

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   PIE PowerSlide 3600   Untested

   PIE PowerSlide 3650   Untested

   PIE PowerSlide 4000   Untested

   PIE PowerSlide 5000   Untested

   Reflecta CrystalScan 7200 Untested

   Reflecta ProScan 4000   Untested

   Reflecta ProScan 7200   Untested

   Reflecta DigitDia 3600   Untested

   Reflecta DigitDia 4000   Untested

   Reflecta DigitDia 5000   Untested

   Reflecta DigitDia 6000   Ok

MULTIPLE SLIDES

Support for multiple slide scanners (like the PowerSlide or DigitDia series) is done by auto-advancing ('Advance slide' setting) the slide after each scan.

However, for best results, it is recommended to do a preview for every slide since this sets gamma, brightness, and contrast to optimal val? ues.

Attention: SANE does not have an automatic landscape/portrait detection and re-orientation when scanning multiple slides. You have to put all slides into one orientation first !

DIRT REMOVAL

If available, sane-pieusb supports infrared scans for dirt detection and removal. This must be enabled via the 'Clean image' setting.

KNOWN PROBLEMS

The sane-pieusb backend supports dirt removal based on infrared scan information. Since SANE does not provide post-processing in the back? end, sane-pieusb does the scanning and dirt removal during the setup phase. The 'scan' phase is only used to transfer the completed image. Therefore sane-pieusb does not multi-thread making a typical frontend appear as 'blocked'. Also cancel requests are only honored between scans.

ENVIRONMENT

SANE_DEBUG_PIEUSB

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.

level   debug output

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0	nothing
1	errors
2	warnings & minor errors
5	additional information
7	SANE api calls

9   backend functions

11   scanner functions

13   usb functions

15   image buffer functions

FILES

/etc/sane.d/pieusb.conf

The backend configuration file

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

The static library implementing this backend.

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

The shared library implementing this backend (present on systems

that support dynamic loading).

SEE ALSO

sane(7)

CONTACT AND BUG-REPORTS

Please send any information and bug-reports to:

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AUTHORS

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10 Aug 2015   sane-pieusb(5)