

NAME

pcsc_scan – regularly scans every PC/SC readers connected to the host

SYNOPSIS

pcsc_scan [*options*]

DESCRIPTION

This manual page documents the **pcsc_scan** command.

pcsc_scan is a program that regularly scans every PC/SC readers connected to the host and display the status of the cards inserted in the readers.

The normal way to exit the program is to use Control-C.

When **pcsc_scan** is started it asks **PC/SC layer** the list of available smart card readers. The list is printed. A sequence number is printed before each reader.

Example:

```
PC/SC device scanner
V 1.4.27 (c) 2001-2017, Ludovic Rousseau
Scanning present readers...
0: Gemalto PC Twin Reader
```

When a card is inserted in any reader some information is printed:

date and time:

```
Wed Apr 12 14:25:30 2017
```

reader name:

```
Reader 0: Gemalto PC Twin Reader
```

card state and occurred event:

```
Card state: Card inserted,
```

ATR in case of card insertion:

```
ATR: 3B 82 00 86 1E
```

print an ATR analysis if the **ATR_analysis** command is available:

```
ATR: 3B 82 00 86 1E
+ TS = 3B --> Direct Convention
+ T0 = 82, Y(1): 1000, K: 2 (historical bytes)
  TD(1) = 00 --> Y(i+1) = 0000, Protocol T = 0
-----
+ Historical bytes: 86 1E
```

OPTIONS

- h** print help
- V** print version number
- n** do not print ATR analysis. Use this option if **ATR_analysis** is not available for example.
- r** prints the list of readers and then exits.
- s** stress mode. Sends APDU commands to the card indefinitely (until the card or the reader is removed).
- t secs** specify time program should run, in seconds. The program will terminate when this time has passed.
- q** quiet: prints minimal messages.
- v** verbose: prints additional messages (default).

SEE ALSO

pcscd(8), ATR_analysis(1)

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