NAME

sc_attach — simple scamper driver.

SYNOPSIS

sc_attach [**-?dDv**] [**-c** *command*] [**-i** *infile*] [**-o** *outfile*] [**-O** *options*]
[**-p** *[ip:]port*] [**-P** *priority*] [**-R** *unix-remote*] [**-U** *unix-local*]

DESCRIPTION

The **sc_attach** utility provides the ability to connect to a running scamper(1) instance, have a set of commands defined in a file be executed, and the output be written into a single file, in warts format. The options are as follows:

-? prints a list of command line options and a synopsis of each.

-d prints each command sent to scamper(1) on stderr.

-D causes **sc_attach** to operate as a daemon.

-v prints the current revision of **sc_attach** and exits.

-c *command*
specifies the scamper(1) command to prepend to each address in the input file.

-i *infile*
specifies the name of the input file which consists of a sequence of scamper(1) commands or addresses (with the -c option), one per line. If '-' is specified, commands are read from stdin.

-o *outfile*
specifies the name of the output file to be written. The output file will use the warts format. If '-' is specified, output will be sent to stdout.

-O *options*
allows the behavior of **sc_attach** to be further tailored. The current choices for this option are:
- **random:** shuffle the input commands randomly.
- **impatient:** send commands to scamper without waiting for scamper to ask for them.

-p *[ip:]port*
specifies the IP address and port where a scamper(1) is accepting control socket connections. If an IP address is not specified, **sc_attach** connects to the specified port on the local host.

-P *priority*
specifies the mixing priority scamper(1) should assign to the source.

-R *unix-remote*
specifies the unix domain socket on the local host where a remote scamper(1) instance is accepting commands.

-U *unix-local*
specifies the unix domain socket on the local host where a local scamper(1) instance is accepting commands.

EXAMPLES

Given a set of commands in a file named infile.txt:

```
tbit -M 1280 -u 'http://www.example.com/' 2620:0:2d0:200::10
trace -P udp-paris -M 192.0.2.1
ping -P icmp-echo 192.0.32.10
```

and a `scamper`(1) instance listening on port 31337, then these commands can be executed using:

sc_attach -i infile.txt -o outfile.warts -p 31337

Given a set of addresses in a file named infile2.txt:

2620:0:2d0:200::10
192.0.2.1
192.0.32.10

these addresses can be pinged with **`sc_attach`** operating as a daemon with:

sc_attach -D -c 'ping' -i infile2.txt -o outfile2.warts -p 31337

SEE ALSO

`scamper`(1), `sc_wartsdump`(1), `sc_warts2json`(1)

AUTHORS

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