NAME

srinterpreter – Network measurement server

SYNOPSIS

srinterpreter –[cdhpnuvV] <script> <script arguments>

DESCRIPTION

Scriptroute is a system for distributed network measurement and debugging. The scriptroute interpreter takes a Ruby script, extended with some Scriptroute specific stuff, as input, and executes the measurement in a resource limited environment.

OPTIONS

–-compile, -c

Load and compile the script, but do not execute. This is somewhat useful for checking parse errors, but most checks in Ruby occur at runtime.

–-debug, -d

Debug mode, disable resource limits so that gdb can attach to the process. Resource limits are used to back-up Ruby's safe mode against attempts to open files, but this interferes with using gdb. See also the --unsafe option.

–-help, -h

Display a help message detailing these command line options, and possibly a few more if this man page is out of date.

–-port, -p [port]

Contact a scriptroute daemon running at a port other than the default compiled in to the program (generally 3356).

–-no-act, -n

Run the script, to the extent possible, without talking to the scriptroute server. This is useful for inspecting the environment without running scriptrouted, and is used in the documentation-building process. It is probably not generally useful.

–-unsafe, -u

Permit file system access and system calls. Only useful when combined with –-debug above. Unsafe mode is useful when augmenting a measurement script with extension libraries like Undns or when logging results directly to files. However, using it means your script will not be able to run remotely on public Scriptroute servers in the network.

–-verbose, -v

Print internal debugging messages, for the most part this is a dump of the conversation with the scriptroute daemon. Also sets $VERBOSE inside your script, emulating the behavior of ruby -v.

–-version, -V

Print the version number. This is also available inside the script as Scriptroute::InterpreterVersion.

BUGS

Send bug reports or suggestions to <bugs@scriptroute.org>.

AUTHOR

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SEE ALSO

scriptrouted(8)