

1 trng_server

trng_server — A tool to send data from Kidekin TRNG over a UDP network connection.

Synopsis

trng_server *PORT*

DESCRIPTION

trng_server allows to send random data to one or several client programs (potentially executing on different machines).

Kidekin TRNG must be connected before running **trng_server**.

On linux, **trng_server** must have permission to access Kidekin TRNG. Unless you write a dedicated udev rule, this means it needs to be run as root.

PORT

UDP port number.

EXAMPLES

```
trng_server 1234
```

Start the server on UDP port 1234.

UDP REQUEST FORMAT

trng_server expects requests containing a single data field of 2 bytes. The data field encode the number of random bytes to send. The first byte is the least significant byte, the second byte is the most significant byte. Request exceeding 4096 are ignored.

UDP ANSWER FORMAT

The UDP answer contain a single data field containing the requested amount of random data from Kidekin TRNG.

BUGS

Please report bugs by email: trng@kidekin.nimp.co.uk

RESOURCES

Main web site: <http://kidekin.nimp.co.uk>