

# System Monitor

## Location

The system monitor and control panel is a simple browser based interface for common administrative operations on the local peer. The monitor is linked by default at the public entry point under the name of "system". (default local link)

## System Monitor & Control: Tabs

### Threads

A simple, native thread listing of the implementation.

Depending on the underlying language and implementation this listing looks very different.

### Network

#### connect

This allows to supply a URL for the initial connect to a network. (Normally a one-time operation.)

#### host map

The current map from known host identifiers to network addresses.

#### connections

A listing of network addresses.

The connections listing is concerned exclusively with values gathered from the currently running peer (process).

Columns:

host

the other peer

left

difference of used vs. allowed number of connections

active

number of active (reusable) connections

speed

two sub-columns: total avg and recent avg of the time difference between *echo* messages sent to *host* and *ready* messages received.

min, max

upper and lower limits of *speed*.

s

connection state

## ManSystemMonitor

char description

- unreachable
- # trying to connect
- > fully reachable (can connect at any time; aka. *not firewalled*)
- < one-way connected; persistent incoming connection exists, outgoing connections will fail (aka. *firewalled*)

age

seconds since last refresh of this entry

## DNS

An example how the local map of connected hosts would look as a DNS zone file.

That's so far not actually used.

## Entries

Management interface for local users.

## Certs

Displays of the local X509 certificate and the certification authority in use.

For authorized users: includes forms to manage these certificates.

## cm

Certificate Management: forms to aid the handling of certificate requests.

## user debug

A protocol of the last debug messages generated from the *user debug* facility.

## profiling

Very system dependent means to view some currently collected profile information of the peer.

---

Last modification: Mon, 27 Dec 2010 16:02:28 +0100

Author(s): jfw,

Document number A26b5619be8d5e3348cca356acfc8efea page ManSystemMonitor delivered to public at Sun, 21 Jul 2019 19:12:41 +0100