nats-top

- Installation
- Usage
- Options
- Commands
  - option
  - limit
  - s, ? and q Commands
  - Tutorial

nats-top is a top-like tool for monitoring nats-server servers.

> “

The `nats-top` functionality is now available in the `nats` CLI tool using the `nats top` command.

The nats-top tool provides a dynamic real-time view of a NATS server. nats-top can display a variety of system summary information about the NATS server, such as subscription, pending bytes, number of messages, and more, in real time. For example:

```
nats-top
```

```
nats-server version 0.6.4 (uptime: 31m42s)
Server:
  Load: CPU: 0.8%   Memory: 5.9M  Slow Consumers: 0
  In:   Msgs: 34.2K  Bytes: 3.0M  Msgs/Sec: 37.9  Bytes/Sec: 3389.7
  Out:  Msgs: 68.3K  Bytes: 6.0M  Msgs/Sec: 75.8  Bytes/Sec: 6779.4

Connections: 4
  HOST                 CID      SUBS    PENDING     MSGS_TO     MSGS_FROM   BYTES_TO
BYTES_FROM  LANG     VERSION SUBSCRIPTIONS
```

```
  127.0.0.1:56134      2        5       0           11.6K       11.6K       1.1M
905.1K      go       1.1.0   foo, hello
  127.0.1.1:56138      3        1       0           34.2K       0           3.0M
0           go       1.1.0    _INBOX.a96f3f6853616154d23d1b5072
  127.0.0.1:56144      4        5       0           11.2K       11.1K       873.5K
1.1M        go       1.1.0   foo, hello
  127.0.0.1:56151      5        8       0           11.4K       11.5K       1014.6K
1.0M        go       1.1.0   foo, hello
```

Installation

nats-top can be installed using `go install`. For example:

```
go install github.com/nats-io/nats-top
```

With newer versions of Go, you will be required to use `go install github.com/nats-io/nats-top@latest`.

NOTE: You may have to run the above command as user `sudo` depending on your setup. If you receive an error that you cannot install nats-top because your $GOPATH is not set, when in fact it is set, use command `sudo -E go get github.com/nats-io/nats-top` to install nats-top. The `-E` flag tells sudo to preserve the current user's environment.

Usage

Once installed, nats-top can be run with the command `nats-top` and optional arguments.

```
nats-top [-s server] [-m monitor] [-n num_connections] [-d delay_in_secs] [-sort by]
```

Options

Optional arguments inclde the following:

Option	Description
`-m monitor`	Monitoring http port from nats-server.

Option	Description
`-n num_connections`	Limit the connections requested to the server (default 1024).
`-d delay_in_secs`	Screen refresh interval (default 1 second).
`-sort by`	Field to use for sorting the connections (see below).

Commands

While in nats-top view, you can use the following commands.

option

Use the `o<option>` command to set the primary sort key to the `<option>` value. The option value can be one of the following: `cid`, `subs`, `pending`, `msgs_to`, `msgs_from`, `bytes_to`, `bytes_from`, `lang`, `version`.

You can also set the sort option on the command line using the `-sort` flag. For example: `nats-top -sort bytes_to`.

limit

Use the `n<limit>` command to set the sample size of connections to request from the server.

You can also set this on the command line using the `-n num_connections` flag. For example: `nats-top -n 1`.

Note that if `n<limit>` is used in conjunction with `-sort`, the server will respect both options allowing queries such as the following: Query for the connection with largest number of subscriptions: `nats-top -n 1 -sort subs`.

s, ? and q Commands

Use the `s` command to toggle displaying connection subscriptions.

Use the `?` command to show help message with options.

Use the `q` command to quit nats-top.

Tutorial

For a walkthrough with `nats-top` check out the tutorial.

版本号	#3
由 cocobook-sync 创建于	2026-10-28 11:10:56 UTC
由 cocobook-sync 更新于	2026-10-29 01:42:35 UTC