
storm Documentation

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storm is a command line tool to manage your ssh connections.

[project page](#)

features

- adding, editing, deleting, listing, searching across your SSHConfig.
- command alias support for your CLI preferences.
- support for custom SSH directives.
- scriptable as a python library.
- user interfaces besides cli. (wxpython, unity(ubuntu) indicator.)

Contents:

CHAPTER 1

installation

installing via pip:

```
$ [sudo] pip install stormssh
```

or if you like 90s:

```
$ [sudo] easy_install stormssh
```

or download and add storm directory to the your *\$PATH*. E.g.

```
$ git clone git://github.com/emre/storm.git  
$ export PATH=$PATH:`pwd`/storm/storm/bin/; storm
```

and install [dependencies](#).

CHAPTER 2

usage

adding hosts

```
$ storm add [-h] [--id_file ID_FILE] name connection_uri
```

where *-h*, *id_file* are optional arguments.

example

```
$ storm add my_vps root@emreyilmaz.me:22
my_vps added to your ssh config. you can connect it by typing "ssh my_vps".
```

example with id file:: \$ storm add my_vps root@emreyilmaz.me:22 --id_file=id_file=/Users/myusername/mykey.pem my_vps added to your ssh config. you can connect it by typing "ssh my_vps".

editing hosts

```
storm edit [-h] [--id_file ID_FILE] name connection_uri
```

Where *-h*, *id_file* are optional arguments.

example:

```
$ storm edit my_vps emre@emreyilmaz.me:2400
"my_vps" updated successfully.
```

updating multiple hosts all at once using regular expressions

```
storm update [-h] [--connection_uri CONNECTION_URI] [--id_file ID_FILE] name
```

Where *-h*, *id_file* and *connection_uri* are optional arguments.

example:

```
$ storm update my_vps-[1-5] --o user=emre  
"my_vps-[1-5]" updated successfully.
```

deleting hosts

```
$ storm delete name
```

example:

```
$ storm delete my_vps  
success hostname "my_vps" deleted successfully.
```

searching hosts

```
$ storm search git  
Listing results for git:  
github -> emre@github.com:22
```

listing hosts

```
$ storm list  
Listing hosts:  
vps -> 22@emreyilmaz.me:22  
netscaler -> root@127.0.0.1:8081
```

deleting all hosts

```
$ storm delete_all  
all entries deleted.
```

custom ssh config directives

storm does not wrap/cover all of the SSHConfig directives since there is a billion of them. But, other than adding it manually to your ssh config file, you can use **-o** parameter to accomplish this.

It works both add and edit sub commands.

```
$ storm add web-prod web@webprod.com --o "StrictHostKeyChecking=no" --o  
↪ "UserKnownHostsFile=/dev/null"
```

command aliases

create a config file in `/home/$user/.stormssh/config`:

```
{  
  "aliases": {  
    "add": ["create", "touch"],  
    "delete": ["rm"]  
  }  
}
```

connection uri format

- `user@server:port` (`root@server.com:22`)
- `server:port` (`server.com:22`)
- `server` (`server.com`)

defaults for `user` -> `$USER`, `port` -> 22 if they are not specified.

see `ssh_uri_parser` for further look.

web ui

New in version 0.5.

you can also use the web ui instead of commandline interface:

```
$ storm web  
$ storm web 3333  
$ storm web --debug
```

Changed in version 0.7: `-port` option was removed. `-debug` option is now defaults to `False`.

CHAPTER 3

tools and libraries using storm

- **storm-gui** cross platform wxpython interface to manage SSH configurations.
- **storm-indicator** ubuntu/unity indicator for easily connecting SSH hosts.

CHAPTER 4

Indices and tables

- `genindex`
- `search`