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

2.1 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".
```

2.2 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.
```

2.3 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.
```

2.4 deleting hosts

```
$ storm delete name
```

example:

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

2.5 searching hosts

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

2.6 listing hosts

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

2.7 deleting all hosts

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

2.8 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
```

2.9 command aliases

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

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

}
```

2.10 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.

2.11 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*