
ntfy Documentation

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`ntfy` is a command line utility (and to a degree, python library) for sending push notifications. It also can send a notification when a program finishes.

Unlike many existing utilities for Pushover or Pushbullet, it supports multiple backends.

Demo

Install

```
sudo pip install ntfy
```

Note: It is suggested to globally (as indicated above, without a virtualenv) install ntfy. It *can* be installed in a virtualenv, with caveats. Linux notifications requires `--system-site-packages` to be used and OS X notifications don't work at all.

2.1 Emoji Support :tada:

ntfy features emoji support, it is installable as an extra, just install like this:

```
sudo pip install ntfy[emoji]
```

2.2 XMPP Support

The xmpp module requires sleekxmpp. To install this extra install ntfy like this:

```
sudo pip install ntfy[xmpp]
```

Usage

```
# send a notification
ntfy send "Here's a notification!"

# send a notification with custom title (default is $USER@$HOST:$PWD)
ntfy -t 'ntfy' send "Here's a notification with a custom title!"

# send a notification when the command `sleep 10` finishes
# this send the message '"sleep 10" succeeded in 0:10 minutes'
ntfy done sleep 10
```

3.1 Shell integration

`ntfy` has support for **automatically** sending notifications when long running commands finish in `bash` and `zsh`. In `bash` it emulates `zsh`'s `preexec` and `precmd` functionality with [rcaloras/bash-preexec](#). To enable it add the following to your `.bashrc` or `.zshrc`:

```
eval "$(ntfy shell-integration)"
```

By default it will only send notifications for commands lasting longer than 10 seconds. This can be configured with the `AUTO_NTFY_DONE_TIMEOUT` environment variable.

To avoid unnecessary notifications when running interactive programs programs listed in `AUTO_NTFY_DONE_IGNORE` don't generate notifications. for example:

```
export AUTO_NTFY_DONE_IGNORE="vim screen meld"
```

Backends

4.1 Supported

- [Pushover](#)
- [Pushbullet](#)
- XMPP
- Linux Desktop Notifications
- Windows Desktop Notifications
- Mac OS X Notification Center

4.2 ToDo

- [Prowl](#)
- [Airgram](#)
- [Pushjet](#)
- [Pushalot](#)
- [Boxcar](#)
- [Instapush](#)

Configuring `ntfy`

`ntfy` is configured with a YAML file stored at `~/.ntfy.yml`

5.1 Backends

The `backends` key specifies what backends to use by default. Each backend has its own configuration, stored in a key of its own name. For example:

```
---
backends:
  - pushover
  - linux
pushover:
  user_key: hunter2
pushbullet:
  access_token: hunter2
```

Note: versions prior to v1.0.0 used JSON instead of YAML.

The available backends are in `ntfy.backends`, include only the module name in your config (eg: `pushbullet` not `ntfy.backends.pushbullet`).

Testing

```
python setup.py test
```

Contributors

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Indices and tables

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