
python-boxcar Documentation

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NOTE: This is no longer being actively developed but feel free to submit pull requests.
A simple Python library for the Boxcar.io API.

Resources

- Documentation
- Issue Tracker
- Code

Contents

- *Installation*
- *Getting Started*
- *API*
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Installation

```
$ pip install python-boxcar
```

Getting Started

This API is extremely simple:

```
from boxcar import Provider

p = Provider(key='vKLoSqB4vhQ4BPZ2TQ4z',
             secret='hPiCqQMuRCDXbkVXYsq4zOu5AGZEZ0bGye7df15b')
p.subscribe(email='test@example.com')
p.notify(emails=['test@example.com'],
        from_screen_name='test',
        message='This is a test message.',
        source_url='https://github.com/markcaudill/boxcar',
        icon_url='http://i.imgur.com/RC220wK.png')
p.broadcast(from_screen_name='test',
            message='This is a test message.',
            source_url='https://github.com/markcaudill/boxcar',
            icon_url='http://i.imgur.com/RC220wK.png')
```

When initializing a *Provider* object, the *secret* parameter is only necessary if you plan on using the *broadcast* method.

4.1 Utilities

Included are three command line utilities to allow for easy incorporation into shell scripts:

```
boxcar-subscribe.py --key='vKLoSqB4vhQ4BPZ2TQ4z' --email='test@example.com'

boxcar-notify.py --key='vKLoSqB4vhQ4BPZ2TQ4z' --from='test'\
  --message='Test Message' --source_url='https://python-boxcar.readthedocs.org/en/latest/'\
  --icon_url='http://i.imgur.com/RC220wK.png' --email test@example.com

boxcar-broadcast.py --key='vKLoSqB4vhQ4BPZ2TQ4z'\
  --secret='hPiCqQMuRCDXbkVXYsq4zOu5AGZEZ0bGye7df15b'\
  --from='test' --message='Test Message'\
  --source_url='https://python-boxcar.readthedocs.org/en/latest/'\
  --icon_url='http://i.imgur.com/RC220wK.png'
```

class `boxcar.Provider` (*key=None, secret=None, base='https://boxcar.io/devices/providers/'*)

An API to Boxcar.io.

broadcast (*from_screen_name=None, message=None, from_remote_service_id=None, source_url=None, icon_url=None*)

Broadcast to all services.

Parameters

- **from_screen_name** (*str*) – the user or application sending the message
- **message** (*str*) – the message to display to the user
- **from_remote_service_id** (*int*) – a unique ID to help prevent duplicates
- **source_url** (*str*) – optional URL for user to go to for more info
- **icon_url** (*str*) – optional icon to display with message

notify (*emails=None, from_screen_name=None, message=None, from_remote_service_id=None, source_url=None, icon_url=None*)

Send a notification to one or more users.

Parameters

- **emails** (*list of strs*) – the list of email addresses for users to notify
- **from_screen_name** (*str*) – the user or application sending the message
- **message** (*str*) – the message to display to the user
- **from_remote_service_id** (*int*) – a unique ID to help prevent duplicates will be randomly generated if not specified
- **source_url** (*str*) – optional URL for user to go to for more info
- **icon_url** (*str*) – optional icon to display with message

subscribe (*email=None*)

Subscribe a user to this service (actually sends them a request).

Parameters **email** (*str*) – the user's email address to add

exception `boxcar.exc.BoxcarError` (*value=None*)

Base Boxcar exception class.

exception `boxcar.exc.UserAlreadySubscribed` (*value=None*)

Raised when the user is already subscribed to this service.

exception `boxcar.exc.UserDoesNotExist` (*value=None*)

Raised when the user is not registerd on Boxcar.io.

exception `boxcar.exc.UserNotSubscribed` (*value=None*)

Raised when the user is not currently subscribed to this service.

Changelog

6.1 python-boxcar Changelog

6.1.1 Version 0.1.2

Released 2013-03-29

Bundled command line utilities.

6.1.2 Version 0.1.1

Released 2013-03-29

Add broadcast functionality.

6.1.3 Version 0.1.0

Initial release.

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