python-hall Documentation

Release 0.1.1

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Contents

Contents:

CHAPTER 1

python-hall

A Python wrapper for the hall.com API

- Free software: BSD license
- Documentation: http://python-hall.rtfd.org.

1.1 About

Do you use Hall.com and have noticed they have a bunch of cool integrations?

Wouldn't it be cool if you could build your own? Now you can!

Python-hall makes it super easy to send custom messages to a Hall room.

1.2 Usage

Get your room keys by visiting https://hall.com/docs/integrations/generic/

Note: you must be an administrator on the room in order to get access keys.

Install with pip:

```
$ pip install python_hall
```

Actual usage is super-simple:

```
>>> from python_hall import Hall
>>> h = Hall(room_token='MY_ROOM_KEY')
>>> # An image is optional
>>> h.add_image('http://i.imgur.com/eV6p3Wy.jpg')
>>> # Send messages in one line!
>>> h.send(title='dogehall', message='wow, such simple. Much Python.')
True # Returns True is successful
```

Result:

1.3 Use cases

Alert your team about a new user on a site!

Know about the latest dogecoin transaction as soon as it happens!

Send your friends on an open hall room random jokes!

CHAPTER 2

Installation

At the command line:

```
$ easy_install python-hall
```

Or, if you have virtualenvwrapper installed:

```
$ mkvirtualenv python-hall
$ pip install python-hall
```

CHAPTER 3

Usage

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Result:

CHAPTER 4

Contributing

Contributions are welcome, and they are greatly appreciated! Every little bit helps, and credit will always be given.

You can contribute in many ways:

4.1 Types of Contributions

4.1.1 Report Bugs

Report bugs at https://github.com/phalt/python-hall/issues.

If you are reporting a bug, please include:

- Your operating system name and version.
- Any details about your local setup that might be helpful in troubleshooting.
- Detailed steps to reproduce the bug.

4.1.2 Fix Bugs

Look through the GitHub issues for bugs. Anything tagged with "bug" is open to whoever wants to implement it.

4.1.3 Implement Features

Look through the GitHub issues for features. Anything tagged with "feature" is open to whoever wants to implement it.

4.1.4 Write Documentation

python-hall could always use more documentation, whether as part of the official python-hall docs, in docstrings, or even on the web in blog posts, articles, and such.

4.1.5 Submit Feedback

The best way to send feedback is to file an issue at https://github.com/phalt/python-hall/issues.

If you are proposing a feature:

- Explain in detail how it would work.
- Keep the scope as narrow as possible, to make it easier to implement.
- Remember that this is a volunteer-driven project, and that contributions are welcome :)

4.2 Get Started!

Ready to contribute? Here's how to set up *python-hall* for local development.

1. Fork the *python-hall* repo on GitHub.
2. Clone your fork locally:

   ```
   $ git clone git@github.com:your_name_here/python-hall.git
   ```

3. Install your local copy into a virtualenv. Assuming you have virtualenvwrapper installed, this is how you set up your fork for local development:

   ```
   $ mkvirtualenv python-hall
   $ cd python-hall/
   $ python setup.py develop
   ```

4. Create a branch for local development:

   ```
   $ git checkout -b name-of-your-bugfix-or-feature
   ```

   Now you can make your changes locally.

5. When you're done making changes, check that your changes pass flake8 and the tests, including testing other Python versions with tox:

   ```
   $ flake8 python-hall tests
   $ python setup.py test
   $ tox
   ```

   To get flake8 and tox, just pip install them into your virtualenv.

6. Commit your changes and push your branch to GitHub:

   ```
   $ git add .
   $ git commit -m "Your detailed description of your changes."
   $ git push origin name-of-your-bugfix-or-feature
   ```

7. Submit a pull request through the GitHub website.

4.3 Pull Request Guidelines

Before you submit a pull request, check that it meets these guidelines:

1. The pull request should include tests.
2. If the pull request adds functionality, the docs should be updated. Put your new functionality into a function with a docstring, and add the feature to the list in README.rst.
3. The pull request should work for Python 2.6, 2.7, and 3.3, and for PyPy. Check https://travis-ci.org/phalt/python-hall/pull_requests and make sure that the tests pass for all supported Python versions.

4.4 Tips

To run a subset of tests:

```
$ python -m unittest tests.test_python-hall
```

CHAPTER 5

Credits

5.1 Development Lead

- Paul Hallett <hello@phalt.co>

5.2 Contributors

None yet. Why not be the first?

CHAPTER 6

History

6.1 0.1.1 (2014-01-17)

- Bump docs changes

6.2 0.1.0 (2014-01-17)

- First release on PyPI.

CHAPTER 7

Indices and tables

- *genindex*
- *modindex*
- *search*