givecookiebot-slack Documentation

Release 0.2.1

Austin Developer Community

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API REFERENCE

givecookiebot-slack is a Slack bot that adds a cookie emoji (☺) to a user's status for 3 hours when that user is 'given' a cookie in chat.

Something like:

@User Thanks for helping out today! ☺

The user's status will then be updated to include the cookie emoji.

After 3 hours have passed, the cookie emoji is removed from the user's status.

INSTALLATION

givecookiebot-slack is a Python script that requires a few dependencies specified in requirements.txt.

```
pip install -r requirements.txt
```

With the Python requirements installed, we can move on to Slack API's requirements.

1.1 Slack API Tokens

First, the Slack client tokens must be added to the environment variables in ~/.bashrc:

```
export SLACK_CLIENT_ID="first_long_complicated_string_here"
export SLACK_CLIENT_SECRET="second_long_complicated_string_here"
export SLACK_BOT_SCOPE="third_long_complicated_string_here"
```

Next, run tokens.py to get the user and bot tokens that will be used to access the Slack API.

1.1.1 givecookiebotslack

givecookiebotslack package

Submodules

givecookiebotslack.bot module

givecookiebot-slack

Defines Event API events that the bot will respond to.

givecookiebotslack.tokens module

Get User and Bot tokens.

Uses Slack's OAuth 2.0 to fetch the User and Bot tokens for interfacing with Slack's API.

givecookiebotslack.tokens.post_install()
    Gets tokens from auth completion page.

givecookiebotslack.tokens.pre_install()
> Directs user to Slack's OAuth acceptance page.

Module contents

1.1.2 Contributing Guidelines

Thanks for helping out! There are plenty of typos to fix and features to add. Getting started is easy!

Installation

General installation is covered in the README. Installing into a venv is recommended.

Development

Install additional requirements from requirements-dev.txt:

```
pip install -r requirements-dev.txt
```

Ensure any additional contributions follow pylint guidelines.

Building Documentation

Building documentation is not needed unless contributing to the documentation.

HTML Docs

Install requirements specified in requirements-docs.txt. Move to docs directory and build the HTML files:

```
$ make html
```

HTML files will be located in ../../givecookiebot-slack-docs/html/.

LaTeX PDF

Building the PDF has more requirements that vary based on the operating system. For Ubuntu 18.04:

```
$ sudo apt-get install texlive-latex-recommended texlive-latex-extra texlive-fonts-recommended texlive-xetex
```

XeLaTeX, texlive-xetex, is needed for Unicode emojis to be inserted into the PDF. Build the PDF from within the docs directory:

```
$ make latexpdf
```

The PDF is saved to ../givecookiebot-slack.pdf. It may have to be built multiple times to build without errors because the indexer sometimes fails.

Code of Conduct

Whether submitting Issues or Pull Requests, be sure to follow the Code of Conduct.

Submit Bug/Issue/Enhancement

Open an issue in the GitHub Issue tracker following the Issue template. Be as detailed as you can to help identify the bug.

Submit Pull Request

Whether adding a feature or fixing a bug, open a pull request in GitHub following the Pull request template.

Contact

Our Facebook group has a link to the Slack workspace where questions can be asked in the #general channel or concerns can be raised by Direct Messaging the project team.

INDICES AND TABLES

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PYTHON MODULE INDEX

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