

GitStats

September 30, 2022

```
[1]: !pip uninstall -y gitstats
!pip install --no-cache-dir https://github.com/brandongk-ubco/gitstats/releases/
↳download/v1.1.0/gitstats-1.1.0-py3-none-any.whl
```

WARNING: Skipping gitstats as it is not installed.

Collecting gitstats==1.1.0

Downloading https://github.com/brandongk-ubco/gitstats/releases/download/v1.1.0/gitstats-1.1.0-py3-none-any.whl (25 kB)
Requirement already satisfied: pandas in /opt/conda/lib/python3.10/site-packages (from gitstats==1.1.0) (1.4.4)

Collecting PyGithub

Downloading PyGithub-1.55-py3-none-any.whl (291 kB)
291.7/291.7 kB

22.9 MB/s eta 0:00:00

Collecting tzdata

Downloading tzdata-2022.4-py2.py3-none-any.whl (336 kB)
336.7/336.7 kB

57.0 MB/s eta 0:00:00

Requirement already satisfied: Jinja2 in /opt/conda/lib/python3.10/site-packages (from gitstats==1.1.0) (3.1.2)

Requirement already satisfied: MarkupSafe>=2.0 in /opt/conda/lib/python3.10/site-packages (from Jinja2->gitstats==1.1.0) (2.1.1)

Requirement already satisfied: python-dateutil>=2.8.1 in /opt/conda/lib/python3.10/site-packages (from pandas->gitstats==1.1.0) (2.8.2)

Requirement already satisfied: pytz>=2020.1 in /opt/conda/lib/python3.10/site-packages (from pandas->gitstats==1.1.0) (2022.2.1)

Requirement already satisfied: numpy>=1.21.0 in /opt/conda/lib/python3.10/site-packages (from pandas->gitstats==1.1.0) (1.22.4)

Requirement already satisfied: requests>=2.14.0 in /opt/conda/lib/python3.10/site-packages (from PyGithub->gitstats==1.1.0) (2.28.1)

Collecting deprecated

Downloading Deprecated-1.2.13-py2.py3-none-any.whl (9.6 kB)

Collecting pynacl>=1.4.0

Downloading PyNaCl-1.5.0-cp36-abi3-manylinux_2_17_x86_64.manylinux2014_x86_64.manylinux_2_24_x86_64.whl (856 kB)
856.7/856.7 kB

53.6 MB/s eta 0:00:00

Requirement already satisfied: pyjwt>=2.0 in
/opt/conda/lib/python3.10/site-packages (from PyGithub->gitstats==1.1.0) (2.4.0)
Requirement already satisfied: cffi>=1.4.1 in /opt/conda/lib/python3.10/site-
packages (from pynacl>=1.4.0->PyGithub->gitstats==1.1.0) (1.15.1)
Requirement already satisfied: six>=1.5 in /opt/conda/lib/python3.10/site-
packages (from python-dateutil>=2.8.1->pandas->gitstats==1.1.0) (1.16.0)
Requirement already satisfied: charset-normalizer<3,>=2 in
/opt/conda/lib/python3.10/site-packages (from
requests>=2.14.0->PyGithub->gitstats==1.1.0) (2.1.1)
Requirement already satisfied: urllib3<1.27,>=1.21.1 in
/opt/conda/lib/python3.10/site-packages (from
requests>=2.14.0->PyGithub->gitstats==1.1.0) (1.26.11)
Requirement already satisfied: idna<4,>=2.5 in /opt/conda/lib/python3.10/site-
packages (from requests>=2.14.0->PyGithub->gitstats==1.1.0) (3.3)
Requirement already satisfied: certifi>=2017.4.17 in
/opt/conda/lib/python3.10/site-packages (from
requests>=2.14.0->PyGithub->gitstats==1.1.0) (2022.6.15)
Requirement already satisfied: wrapt<2,>=1.10 in /opt/conda/lib/python3.10/site-
packages (from deprecated->PyGithub->gitstats==1.1.0) (1.14.1)
Requirement already satisfied: pycparser in /opt/conda/lib/python3.10/site-
packages (from cffi>=1.4.1->pynacl>=1.4.0->PyGithub->gitstats==1.1.0) (2.21)
Installing collected packages: tzdata, deprecated, pynacl, PyGithub, gitstats
Successfully installed PyGithub-1.55 deprecated-1.2.13 gitstats-1.1.0
pynacl-1.5.0 tzdata-2022.4

```
[2]: import gitstats
      print(gitstats.__version__)
```

1.1.0

```
[3]: import gitstats
      from datetime import datetime
      import warnings
      warnings.filterwarnings('ignore')

      access_token = "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"
      repository = "499CSpeaking/SpeakingPortal"
      group_name = "Speaking Project C"

      excluded_users = [""]

      start = datetime.fromisoformat('2022-09-26T10:30')
      end = datetime.fromisoformat('2022-10-01T10:30')

      stats = gitstats.report(access_token,
                              group_name,
```

```

        repository,
        start=start,
        end=end,
        excluded_users=excluded_users)

print(stats)

```

Group Name: Speaking Project C
Period: 2022-09-26 17:30:00 to 2022-10-01 17:30:00

=====
Individual Contributions
=====

	user	commits	changes	comments	contributed
0	Colin P	1	35	0	1
1	Harshal609	1	2	6	4
2	jtyrmn	1	4	1	1
3	ortap	1	79	0	1

=====
Individual Effort
=====

	user	commits	changes	comments	contributed	effort
0	Colin P	25.0	17.5	0.0	25.0	20.17
1	Harshal609	25.0	1.0	112.5	100.0	56.87
2	jtyrmn	25.0	2.0	25.0	25.0	20.40
3	ortap	25.0	39.5	0.0	25.0	24.57

=====
Issues Closed
=====

	label	completed
0	chore	5
1	task	2

=====
Issues Ignored Because of Improper Labelling
=====

None

Team Score: 0.875

=====
Scores
=====

	user	score
0	Colin P	17.65
1	Harshal609	49.76

2	jtyrmn	17.85
3	ortap	21.50

[]: