GitStats

January 28, 2023

```
[5]: !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
```

```
Found existing installation: gitstats 1.1.0
Uninstalling gitstats-1.1.0:
  Successfully uninstalled gitstats-1.1.0
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: tzdata in /opt/conda/lib/python3.10/site-packages
(from gitstats==1.1.0) (2022.7)
Requirement already satisfied: PyGithub in /opt/conda/lib/python3.10/site-
packages (from gitstats==1.1.0) (1.57)
Requirement already satisfied: pandas in /opt/conda/lib/python3.10/site-packages
(from gitstats==1.1.0) (1.5.2)
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) (2022.7)
Requirement already satisfied: numpy>=1.21.0 in /opt/conda/lib/python3.10/site-
packages (from pandas->gitstats==1.1.0) (1.23.5)
Requirement already satisfied: pyjwt>=2.4.0 in /opt/conda/lib/python3.10/site-
packages (from PyGithub->gitstats==1.1.0) (2.6.0)
Requirement already satisfied: deprecated in /opt/conda/lib/python3.10/site-
packages (from PyGithub->gitstats==1.1.0) (1.2.13)
Requirement already satisfied: requests>=2.14.0 in
/opt/conda/lib/python3.10/site-packages (from PyGithub->gitstats==1.1.0)
(2.28.1)
Requirement already satisfied: pynacl>=1.4.0 in /opt/conda/lib/python3.10/site-
packages (from PyGithub->gitstats==1.1.0) (1.5.0)
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: idna<4,>=2.5 in /opt/conda/lib/python3.10/site-
packages (from requests>=2.14.0->PyGithub->gitstats==1.1.0) (3.4)
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) (2022.12.7)
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) (1.26.13)
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: gitstats
Successfully installed gitstats-1.1.0
```

```python
[6]: import gitstats
     print(gitstats.__version__)
```

```
1.1.0
```

```python
[7]: 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('2023-01-21T00:01')
     end = datetime.fromisoformat('2023-01-27T23:58')

     stats = gitstats.report(access_token,
                             group_name,
                             repository,
                             start=start,
                             end=end,
                             excluded_users=excluded_users)
     print(stats)
```

```
Group Name: Speaking Project C
Period: 2023-01-21 08:01:00 to 2023-01-28 07:58:00
```

```
========================
Individual Contributions
========================
        user  commits changes  comments  contributed
0    Colin P        6     238         5            5
1  Harshal609        3     483         7            7
2      jtyrmn        5     833         3            5
3       ortap        7     864         4            7


================
Individual Effort
================
        user  commits  changes  comments  contributed  effort
0    Colin P   112.50   104.75    106.25       106.25  108.03
1  Harshal609    75.00   125.00    118.75       118.75  105.42
2      jtyrmn   106.25   125.00     75.00       106.25  105.83
3       ortap   118.75   125.00    100.00       118.75  117.50


============
Issues Closed
============
   label  completed
0  chore          4
1   task          6


=============================================
Issues Ignored Because of Improper Labelling
=============================================
None


Team Score: 1


======
Scores
======
        user   score
0    Colin P  108.03
1  Harshal609  105.42
2      jtyrmn  105.83
3       ortap  117.50
```

[ ]:

[ ]: