
tg-logger

Release v3.1

ChernV (otter18)

Dec 31, 2021

CONTENTS:

1	Introduction	3
1.1	Installation & Usage	3
1.2	Screenshot	4
1.3	Examples	4
2	Module description	7
3	FQA	9
3.1	How to create a telegram bot?	9
3.2	How to get token and user_id ?	9
4	License	11
5	Links	13

Demo is available @tg_logger_demo_bot

INTRODUCTION

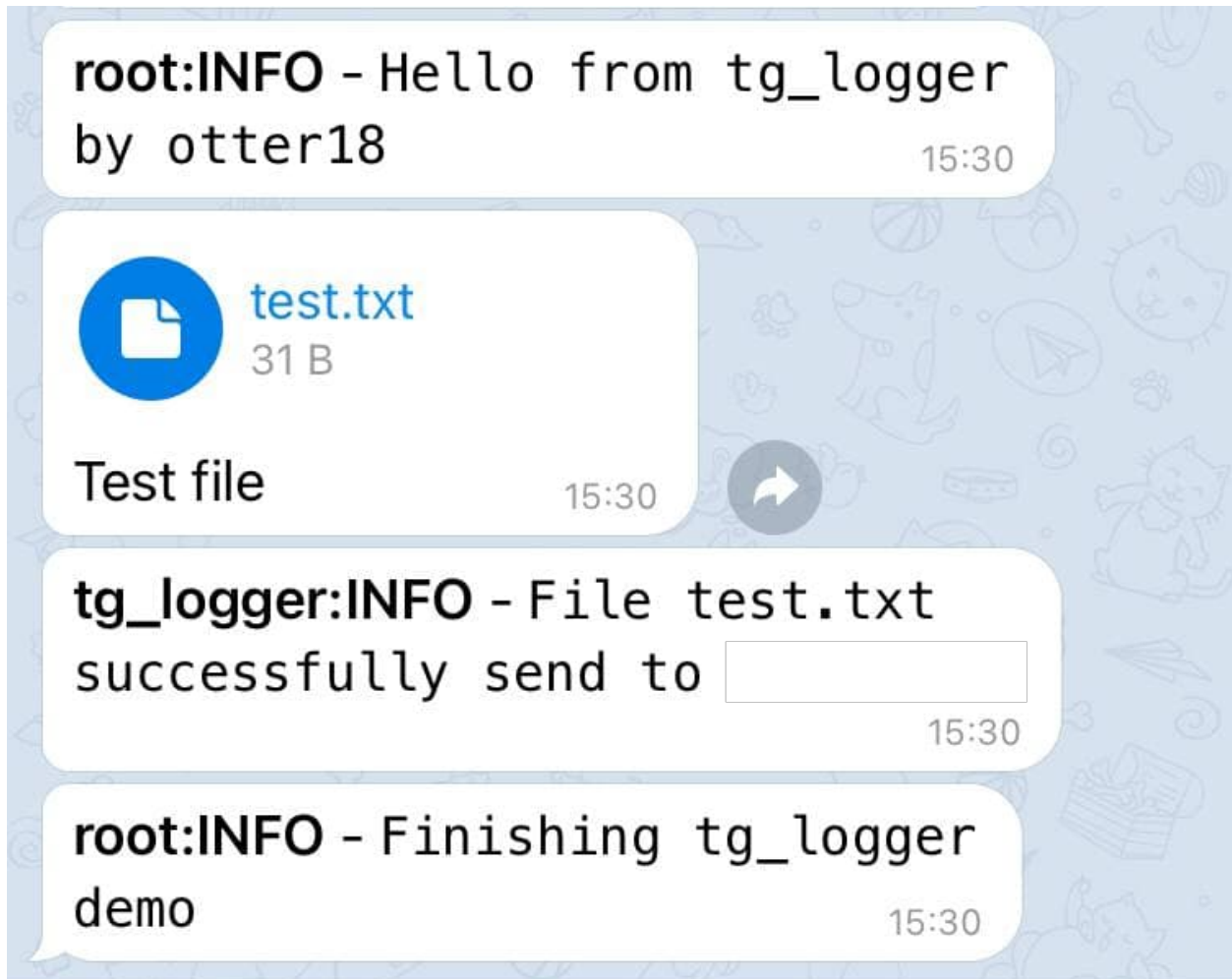
Tg-logger is tool for bridging python logging and files to tg bot

1.1 Installation & Usage

```
pip install tg-logger
```

```
import tg_logger
```

1.2 Screenshot



1.3 Examples

1.3.1 Simple logging

```
import logging
import tg_logger

# Telegram data
token = "1234567890:AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA"
users = [1111111111]

# Base logger
logger = logging.getLogger('foo')
logger.setLevel(logging.INFO)
```

(continues on next page)

(continued from previous page)

```
# Logging bridge setup
tg_logger.setup(logger, token=token, users=users)

# Test
logger.info("Hello from tg_logger by otter18")
```

1.3.2 Flask logging

```
from flask import Flask
import tg_logger

# Telegram data
token = "1234567890:AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA"
users = [1111111111]

# Flask app setup
app = Flask(__name__)

app.logger.setLevel(logging.ERROR) # flask logger
tg_logger.setup(app.logger, token=token, users=users) # bridge setup

@app.route('/')
def hello_world():
    return 'Hello, World!'

if __name__ == '__main__':
    app.run()
```

1.3.3 TgFileLogger example

```
import tg_logger

# Telegram data
token = "1234567890:AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA"
users = [1111111111]

# TgFileLogger example
tg_files_logger = tg_logger.TgFileLogger(
    token=token, # tg bot token
    users=users, # list of user_id
    timeout=10 # 10 seconds by default
)

file_name = "test.txt"
with open(file_name, 'w') as example_file:
    example_file.write("Hello from tg_logger by otter18")
```

(continues on next page)

(continued from previous page)

```
tg_files_logger.send(file_name, "Test file")
```

MODULE DESCRIPTION

3.1 How to create a telegram bot?

To create bot use official [BotFather](#) bot (described [here](#))

3.2 How to get token and user_id?

- Use [@tg_logger_demo_bot](#) with command `/id`
- Bot's **token** is shown after new bot is made
- To get **user_id** use special bots (e.g. [@userinfobot](#), [@JsonDumpBot](#))

LICENSE**MIT License**

Copyright (c) 2021 ChernV

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the “Software”), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED “AS IS”, WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

LINKS

- Github: https://github.com/otter18/tg_logger
- Pypi: <https://pypi.org/project/tg-logger>
- Demo bot: https://t.me/tg_logger_demo_bot