mailtrap-python

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mailtrap	Add User-Agent header	last year
tests	Add User-Agent header	last year
.gitignore	Initial commit	last year
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CHANGELOG.md	Release version 2.0.1	last year
CODE_OF_CONDUCT.md	Initial commit	last year
LICENSE.txt	Initial commit	last year
README.md	Add badge links	2 months ago
pyproject.toml	Release version 2.0.1	last year
requirements.test.txt	Initial commit	last year
requirements.txt	Initial commit	last year
tox.ini	Initial commit	last year

README Code of conduct MIT license

Tests and checks passing pypi v2.0.1 downloads 20k/month

Official Mailtrap Python client

This Python package offers integration with the official API for Mailtrap.

Quickly add email sending functionality to your Python application with Mailtrap.

Compatibility with previous releases

Versions of this package up to 1.0.1 were a different, unrelated project, that is now maintained as Sendria. To continue using it, see instructions.

Installation

Prerequisites

- Python version 3.6+

Install package

```
pip install mailtrap
```

Usage

Minimal

```
import mailtrap as mt

# create mail object
mail = mt.Mail(
    sender=mt.Address(email="mailtrap@example.com", name="Mailtrap Test"),
    to=[mt.Address(email="your@email.com")],
    subject="You are awesome!",
    text="Congrats for sending test email with Mailtrap!",
)

# create client and send
client = mt.MailtrapClient(token="your-api-key")
client.send(mail)
```

Full

```
import base64
from pathlib import Path

import mailtrap as mt

welcome_image = Path(__file__).parent.joinpath("welcome.png").read_bytes()

mail = mt.Mail(
    sender=mt.Address(email="mailtrap@example.com", name="Mailtrap Test"),
    to=[mt.Address(email="your@email.com", name="Your name")],
    cc=[mt.Address(email="cc@email.com", name="Copy to")],
    bcc=[mt.Address(email="bcc@email.com", name="Hidden Recipient")],
    subject="You are awesome!",
    text="Congrats for sending test email with Mailtrap!",
    html="""
    <!doctype html>
    <html>
      <head>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
      </head>
      <body style="font-family: sans-serif;">
        <div style="display: block; margin: auto; max-width: 600px;" class="main">
          <h1 style="font-size: 18px; font-weight: bold; margin-top: 20px">
            Congrats for sending test email with Mailtrap!
          </h1>
          <p>Inspect it using the tabs you see above and learn how this email can be improve
          <img alt="Inspect with Tabs" src="cid:welcome.png" style="width: 100%;">
          <p>Now send your email using our fake SMTP server and integration of your choice!<
          <p>Good luck! Hope it works.</p>
        </div>
        <!-- Example of invalid for email html/css, will be detected by Mailtrap: -->
        <style>
          .main { background-color: white; }
          a:hover { border-left-width: 1em; min-height: 2em; }
        </style>
      </body>
    </html>
    """,
    category="Test",
    attachments=[
        mt.Attachment(
            content=base64.b64encode(welcome_image),
            filename="welcome.png",
            disposition=mt.Disposition.INLINE,
            mimetype="image/png",
            content_id="welcome.png",
        )
    ],
    headers={"X-MT-Header": "Custom header"},
    custom_variables={"year": 2023},
)

client = mt.MailtrapClient(token="your-api-key")
client.send(mail)
```

Using email template

```
import mailtrap as mt

# create mail object
mail = mt.MailFromTemplate(
    sender=mt.Address(email="mailtrap@example.com", name="Mailtrap Test"),
    to=[mt.Address(email="your@email.com")],
    template_uuid="2f45b0aa-bbed-432f-95e4-e145e1965ba2",
    template_variables={"user_name": "John Doe"},
)

# create client and send
client = mt.MailtrapClient(token="your-api-key")
client.send(mail)
```

Contributing

Bug reports and pull requests are welcome on GitHub. This project is intended to be a safe, welcoming space for collaboration, and contributors are expected to adhere to the code of conduct.

Development Environment

Clone the repo

```
https://github.com/railsware/mailtrap-python.git
cd mailtrap-python
```

Install tox

`tox` is an environment orchestrator. We use it to setup local environments, run tests and execute linters.

```
python -m pip install --user tox
python -m tox --help
```

To setup virtual environments, run tests and linters use:

```
tox
```

It will create virtual environments with all installed dependencies for each available python interpreter (starting from `python3.6`) on your machine. By default, they will be available in `{project}/.tox/` directory. So, for instance, to activate `python3.11` environment, run the following:

```
source .tox/py311/bin/activate
```

Information for version 1 users

If you are a version 1 user, it is advised that you upgrade to Sendria, which is the same package, but under a new name, and with new features. However, you can also continue using the last v1 release by locking the version in pip:

```
# To use the FORMER version of the mailtrap package, now known as Sendria:
pip install --force-reinstall -v "mailtrap==1.0.1"
```

License

The project is available as open source under the terms of the MIT License.

Code of Conduct

Everyone interacting in the Mailtrap project's codebases, issue trackers, chat rooms and mailing lists is expected to follow the code of conduct

About

Official mailtrap.io Python client

mailtrap.io

Readme
MIT license
Code of conduct
Activity
Custom properties
31 stars
17 watching
1 fork
Report repository

Releases 1

Release 2.0.1 Latest
on May 18, 2023

Packages

No packages published

Contributors 3

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Languages

Python 100.0%