

SENDGRID INTEGRATION USING PYTHON

DATE	19 November 2022
TEAM ID	PNT2022TMID10775
PROJECT NAME	CUSTOMER CARE REGISTRY

CODE :

```
# using SendGrid's Python Library
# https://github.com/sendgrid/sendgrid-python
import os
from sendgrid import SendGridAPIClient
from sendgrid.helpers.mail import Mail
```

```
message = Mail(
    from_email='from_email@example.com',
    to_emails='to@example.com',
    subject='Sending with Twilio SendGrid is Fun',
    html_content='<strong>and easy to do anywhere, even with
Python</strong>')
```

try:

```
sg = SendGridAPIClient(os.environ.get('SENDGRID_API_KEY'))
```

```
response = sg.send(message)
print(response.status_code)
print(response.body)
print(response.headers)

except Exception as e:
    print(e.message)
```

OUTPUT :

```
1 from sendgrid import SendGridAPIClient
2
3 from sendgrid.helpers.mail import Mail
4
5
6 message = Mail(from_email='me@brentschooley.com',
7               to_emails='brentfromtwilio@gmail.com',
8               subject='Sending with Twilio SendGrid is Fun',
9               plain_text_content='SendGrid is the best email delivery system ever with Python!'
10              )
11
12 sg = SendGridAPIClient(api_key=os.environ.get('SENDGRID_API_KEY'))
13 response = sg.send(message)
14
15 b''
16
17 Server: nginx
18 Date: Mon, 06 May 2019 23:21:09 GMT
19 Content-Length: 0
20 Connection: close
21 X-Message-Id: Q8WRmK0xRAiDoMIIdZtmGQ
22 Access-Control-Allow-Origin: https://sendgrid.api-docs.io
23 Access-Control-Allow-Methods: POST
24 Access-Control-Allow-Headers: Authorization, Content-Type, On-behalf-of, x-sg-elas-acl
25 Access-Control-Max-Age: 600
26 X-No-CORS-Reason: https://sendgrid.com/docs/Classroom/Basics/API/cors.html
```