

INTEGRATING SENDGRID SERVICE

SENDGRID INTEGRATION WITH PYTHON CODE

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Project ID	PNT2022TMID35589
Project Name	Containment Zone Alerting Application

Sendgrid is a cloud-based SMTP provider that allows you to send email without having to maintain email servers.

```
Example: import sendgrid SENDGRID_API_KEY =  
'SG.xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx xxx' sg =  
sendgrid.SendGridAPIClient(apikey=SENDGRID_API_KEY) from_email =  
'test@example.com' to_email = 'test@example.com' subject = 'Sending with SendGrid  
is Fun' content = 'and easy to do anywhere, even with Python' mail = Mail(from_email,  
subject, to_email, content) response =  
sg.client.mail.send.post(request_body=mail.get()) print(response.status_code)  
print(response.body) print(response.headers)
```

```
1 # using SendGrid's Python Library
2 # https://github.com/sendgrid/sendgrid-python
3 import os
4 from sendgrid import SendGridAPIClient
5 from sendgrid.helpers.mail import Mail
6
7 message = Mail(
8     from_email='from_email@example.com',
9     to_emails='to@example.com',
10    subject='Sending with Twilio SendGrid',
11    html_content='<strong>and easy to do &
12 try:
13     sg = SendGridAPIClient(os.environ.get('SENDGRID_API_KEY'))
14     response = sg.send(message)
15     print(response.status_code)
16     print(response.body)
17     print(response.headers)
18 except Exception as e:
19     print(e.message)
```