

Sendgrid integration with python code

using SendGrid's Python Library

<https://github.com/sendgrid/sendgrid-python>

Import os

From sendgrid import SendGridAPIClient

From sendgrid.helpers.mail import Mail

from_address we pass to our Mail object, edit with your name

FROM_EMAIL = 'Your_Name@SendGridTest.com' Def

SendEmail(to_email):

""" Send an email to the provided email addresses

:param to_email = email to be sent to

:returns API response code

:raises Exception e: raises an exception """

Message = Mail(

From_email=FROM_EMAIL,

To_emails=to_email,

Subject='A Test from SendGrid!'

Html_content='Hello there from SendGrid your URL is: ' +

'right here!')

Try:

Sg = SendGridAPIClient(os.environ.get('SENDGRID_API_KEY'))

Response = sg.send(message)

Code, body, headers = response.status_code, response.body,
response.headers

```
Print(f"Response Code: {code} ")
```

```
Print(f"Response Body: {body} ")
```

```
Print(f"Response Headers: {headers} ")
```

```
Print("Message Sent!")
```

```
Except Exception as e:
```

```
Print("Error: {0}".format(e))
```

```
Return str(response.status_code)
```

```
If __name__ == "__main__":
```

```
SendEmail(to_email=input("Email address to send to? "))
```