

Integrating SendGrid Service

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Team ID	PNT2022TMID11718
Project Name	Inventory Managment System For Retailers

Integrating SendGrid Service

```
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(

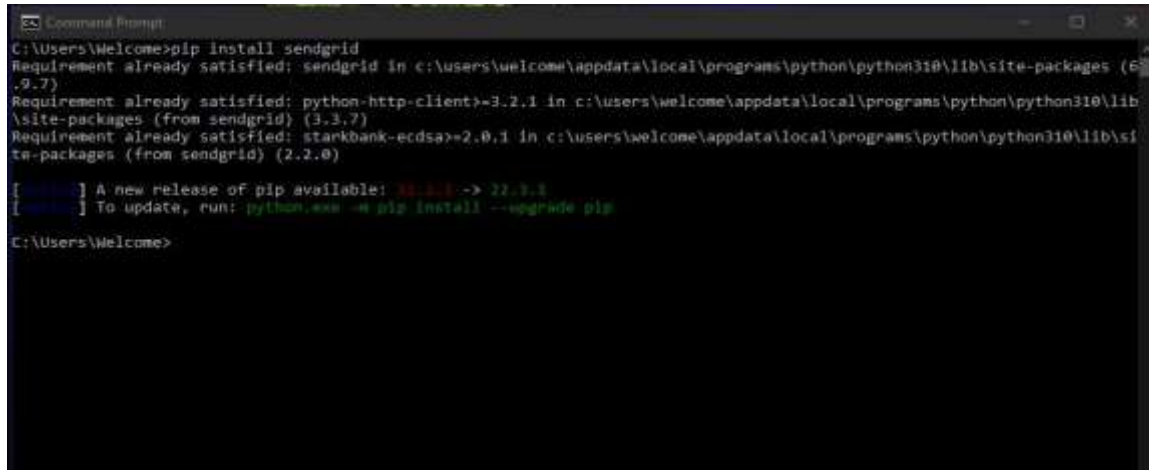
            from_email=FROM_EMAIL,
            to_emails=to_email,
            subject='A Test from SendGrid!',
            html_content='<strong>Hello there from SendGrid your URL is: ' +

                '<a href="https://github.com/cyberjive">right here!</a></strong>')

        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? "))
```



```
Command Prompt
C:\Users\Welcome>pip install sendgrid
Requirement already satisfied: sendgrid in c:\users\welcome\appdata\local\programs\python\python310\lib\site-packages (6.9.7)
Requirement already satisfied: python-http-client>=3.2.1 in c:\users\welcome\appdata\local\programs\python\python310\lib\site-packages (from sendgrid) (3.3.7)
Requirement already satisfied: starkbank-ecdsa>=2.0.1 in c:\users\welcome\appdata\local\programs\python\python310\lib\site-packages (from sendgrid) (2.2.0)

[notice] A new release of pip available: 21.1.1 -> 22.0.1
[notice] To update, run: python.exe -m pip install --upgrade pip
C:\Users\Welcome>
```