SENDGRID INTEGRATION WITH PYTHON CODE

PNT2022TMID32216

File Edit Selection View Go Run Terminal Help

config.inl ● sendmail.py ● Extension: Code Runner

SENDGRID > config.inl

```ini
[SETTINGS]
APIKEY=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
FROM = 732119106020@smartinternz.com
TO = manisabari93437@gmail.com
```

> Assignment 3
> flask
> Impement the web ap...
> Implementing the we...
> INTEGRATING SENDG...
> PROJECT PLANNING ...
∨ SENDGRID
    config.inl
    sendmail.py
> setting up web applic...
~$cker CLI Installatio...
Docker CLI Installatio...
Project Planning.docx
PYTHON SENDGRID
sendgrid.docx

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   JUPYTER

```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

Warning: PowerShell detected that you might be using a screen reader and has disabled PSReadLine for compatibility purposes. If you want to r
e-enable it, run 'Import-Module PSReadLine'.

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```

powershell
powershell
powershell

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```python
import configparser
import ssl
ssl._create_default_https_context = ssl._create_unverified_context
from sendgrid import SendGridAPIClient
from sendgrid.helpers.mail import Mail

config = configparser.ConfigParser()
config.read("config.ini")

def sendMailUsingSendGrid(API,from_email,to_emails,subject,html_content):
    if API!=None and from_email!=None and len(to_emails)>0:
        message = Mail(from_email,to_emails,subject,html_content)
        try:
            sg = SendGridAPIClient(API)
            response = sg.send(message)
            print(response.status_code)
            print(response.body)
            print(response.headers)
        except Exception as e:
            print(e.message)



try:
    settings = config["SETTINGS"]
except:
    settings = {}

API = settings.get("APIKEY",None)
from_email = settings.get("FROM",None)
to_emails = settings.get("TO","")
```

sendmail.py - PYTHON-SENDGRID - Visual Studio Code

File   Edit   Selection   View   Go   Run   Terminal   Help

≡ config.ini   🐍 sendmail.py ✕

🐍 sendmail.py > ...

```python
1    import configparser
2    import ssl
3    ssl._create_default_https_context = ssl._create_unverified_context
4    from sendgrid import SendGridAPIClient
5    from sendgrid.helpers.mail import Mail
6
7    config = configparser.ConfigParser()
8    config.read("config.ini")
9
10   def sendMailUsingSendGrid(API,from_email,to_emails,subject,html_content):
11       if API!=None and from_email!=None and len(to_emails)>0:
12           message = Mail(from_email,to_emails,subject,html_content)
13           try:
14               sg = SendGridAPIClient(API)
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   JUPYTER

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS D:\PYTHON-SENDGRID> python -u "d:\PYTHON-SENDGRID\sendmail.py"
202
b''
Server: nginx
Date: Tue, 15 Nov 2022 06:39:33 GMT
Content-Length: 0
Connection: close
X-Message-Id: N7rE1ChDR7e0DNcoiu0ImA
Access-Control-Allow-Origin: https://sendgrid.api-docs.io
Access-Control-Allow-Methods: POST
Access-Control-Allow-Headers: Authorization, Content-Type, On-behalf-of, x-sg-elas-acl
Access-Control-Max-Age: 600
X-No-CORS-Reason: https://sendgrid.com/docs/Classroom/Basics/API/cors.html
Strict-Transport-Security: max-age=600; includeSubDomains

PS D:\PYTHON-SENDGRID>

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