

INTEGRATING SENDGRID SERVICE

SendGrid Integration With Python

Team ID	PNT2022TMID27274
Project	Customer Care Registry

SendGrid Integration With Python :

```
D:\IBM\WalaiaThiran\CustomerCareRegistry\src>pip install sendgrid
Collecting sendgrid
  Downloading sendgrid-6.9.7-py3-none-any.whl (101 kB)
    ----- 101.1/101.1 kB 6.1 MB/s eta 0:00:00
Collecting python-http-client>=3.2.1
  Downloading python_http_client-3.3.7-py3-none-any.whl (8.4 kB)
Collecting starkbank-ecdsa>=2.0.1
  Downloading starkbank-ecdsa-2.2.0.tar.gz (14 kB)
  Preparing metadata (setup.py) ... done
Installing collected packages: starkbank-ecdsa, python-http-client, sendgrid
  DEPRECATION: starkbank-ecdsa is being installed using the legacy 'setup.py install' method, because it does not have a 'pyproject.toml' and the 'wheel' package is not installed. pip 23.1 will enforce this behaviour change. A possible replacement is to enable the '--use-pep517' option. Discussion can be found at https://github.com/pypa/pip/issues/8559
  Running setup.py install for starkbank-ecdsa ... done
Successfully installed python-http-client-3.3.7 sendgrid-6.9.7 starkbank-ecdsa-2.2.0

D:\IBM\WalaiaThiran\CustomerCareRegistry\src>
```

sendmail.py 2 X

src > files > templates > sendmail.py > ...

```
1  import sendgrid
2  import os
3  from sendgrid.helpers.mail import Mail, Email, To, Content
4
5  sg = sendgrid.SendGridAPIClient (api_key=os.environ. get("SENDGRID_API_KEY"))
6  from_email = Email("poovi@example.com")
7  to_email = To("poovizhi@example.com")
8  subject = "Agent is assigned to you Ticket."
9  content = Content("text/plain", "Your ticket is verified and agent is assigned")
10 mail = Mail(from_email, to_email, subject, content)
11
12 mail_json= mail.get()
13
14 response = sg.client.mail.send.post (request_body=mail_json)
15 print(response.status_code)
16 print(response.headers)
```