```python
import sendgrid

import os

from sendgrid.helpers.mail import Mail, Email, To, Content


sg = sendgrid.SendGridAPIClient(api_key=os.environ.get('
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'))

from_email = Email("test@example.com")  # Change to your verified sender

to_email = To("test@example.com")  # Change to your recipient

subject = "Sending with SendGrid is Fun"

content = Content("text/plain", "and easy to do anywhere, even with Python")

mail = Mail(from_email, to_email, subject, content)


# Get a JSON-ready representation of the Mail object

mail_json = mail.get()


# Send an HTTP POST request to /mail/send

response = sg.client.mail.send.post(request_body=mail_json)

print(response.status_code)

print(response.headers)
```

Account in sendgrid

Integrate using our Web API or SMTP Relay

Overview

Integrate

Verify

| All languages

How to send email using Python

1 Make sure you have the prerequisites

Our library requires Python 2.6, 2.7, 3.4 or 3.5.

2 Create an API key

This allows your application to authenticate to our API and send mail. You can enable or disable additional permissions on the API keys page.

✓ "nutriapp" was successfully created and added to the next step.

```
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
```

3 Create an environment variable

Update your development environment with your SENDGRID_API_KEY. Run the following in your shell.

```
1  echo "export SENDGRID_API_KEY='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'" > sendgrid.env
2  echo "sendgrid.env" >> .gitignore
3  source ./sendgrid.env
```

4 Install the package

Install sendgrid-python and its dependencies using pip

```
1  pip install sendgrid
```