

Sendgrid Integration

Team ID	PNT2022TMID47461
Project Name	Personal Expense Tracker Application

Sendgrid account

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Waiting for rs.fullstory.com...

Setup Guide / Integrate / Web API / Python

Integrate using our Web API or SMTP Relay

◀ 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.

My First API Key Name Create Key

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='YOUR_API_KEY'" > sendgrid.env
2 echo "source .env" >> .gitignore
```

Sendgrid Integration

```
import os
from sendgrid import SendGridAPIClient
from sendgrid.helpers.mail import Mail

message = Mail(
    from_email='pexpensetracker@gmail.com',
    to_emails='crosswinkirubakaran@gmail.com',
    subject='Sending with Twilio SendGrid is Fun',
    html_content='<strong>and easy to do anywhere, even with Python</strong>')

try:
    sg = SendGridAPIClient(os.environ.get('SENDGRID_API_KEY'))
    response = sg.send(message)
    print(response.status_code)
    print(response.body)
    print(response.headers)
except Exception as e:
    print(e.message)
```