# What is Flask?

Answer: Flask is a web development framework created in Python language. This Framework is based on the robust foundation of Jinja2 templates engine and Werkzeug comprehensive WSGI web application library.

Flask is created by Armin Ronacher and is developed as a part of the Pallets Projects, which is a collection of Python web development libraries such as Flask, Click, ItsDangerous, Jinja, MarkupSafe, and Werkzeug.

# How to get the development version of the Flask framework?

Answer: The development version of the Flask framework can be obtained using the below-mentioned commands.

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| --- |
| *git clone https://github.com/pallets/flask*  *cd flask && python3 setup.py develop* |

# How to add the mailing feature in the Flask Application?

Answer: To send emails, we need to install the Flask-Mail flask extension using the below-given command.

*pip install Flask-Mail*

Once installed, then we need to use Flask Config API to configure MAIL-SERVER, MAIL\_PORT, MAIL\_USERNAME, MAIL\_PASSWORD, etc. Then we need to import Message Class, instantiate it and form a message object before sending the email by using the mail.send() method.

An example is shown below.

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| --- |
| *from flask\_mail import Mail, Message*  *from flask import Flask*  *app = Flask(\_\_name\_\_)*  *mail = Mail(app)*  *@app.route(“/mail”)*  *def email():*  *msg = Message( “Hello Message”, sender=”admin@test.com”, recipients=[“to@test.com”])*  *mail.send(msg)* |

# What is WSGI?

Answer: WSGI stands for the Web Server Gateway Interface. It is a Python standard defined in PEP 3333. WSGI is pronounced as “Whiskey.” It is a specification that describes how a web server communicates with a web application.

# Why do we use Flask?

Answer: Flask is used to create Web applications using Python programming language. Flask is a microframework that is also used for quick prototyping web and networking based applications.

# How to install Flask on Linux?

Answer: On Linux, Flask can be installed using Python’s package manager, pip.

Use the below command to install Flask.

*pip install Flask*