ASGI vs WSGI

IN PYTHON WEB DEVEVELOPMENT

WSGI and Gunicorn

WSGI, short for web server gateway interface, has created standard interface between web servers and python applications (or frameworks), as its <u>official documentation</u> indicates.

<u>Gunicorn</u> is a Python WSGI HTTP server which is known for running Python applications synchronously by default.

ASGI and Uvicorn

ASGI (Asynchronous Server Gateway Interface) is a spiritual successor to WSGI, intended to provide a standard interface between async-capable Python applications and web server. It also supports HTTP/2 and websocket connection (WSGI can't by default).

Uvicorn is an ASGI web server implementation for Python.