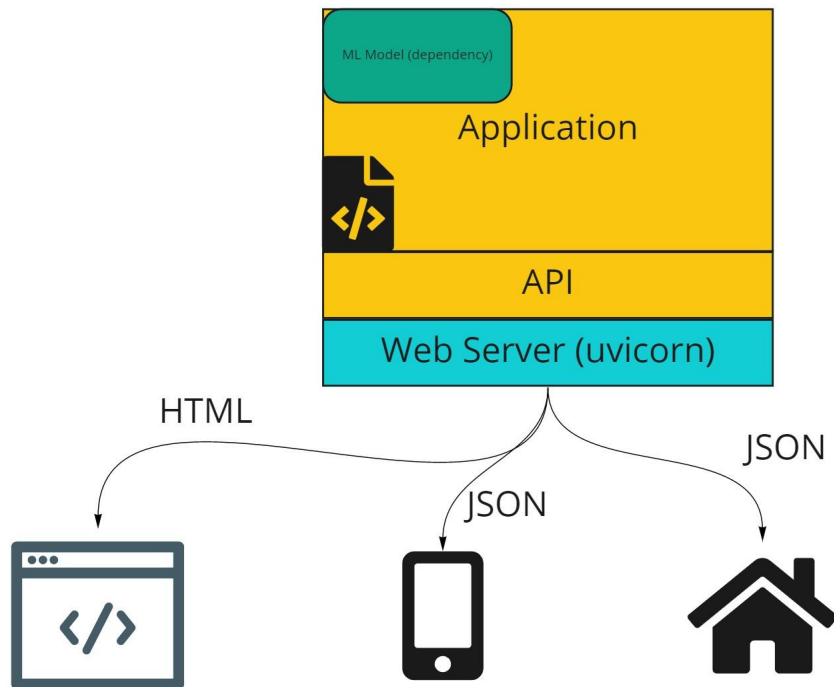


Uvicorn ASGI Web Server

Production Components: Web Server

- - For a production deployment, we require a web server
- - Although we tend to use the terms interchangeably, technically the server deals with handling incoming requests and outgoing responses
- - A server implements a "server gateway interface"



WSGI & ASGI

- **Historically, Python web frameworks have used the Web Server Gateway Interface (WSGI) introduced in PEP 333 (and revised in PEP 3333)**
- **With the introduction of Python's asyncio library it was possible to go beyond the constraints of WSGI (which could not be upgraded without being backwards incompatible). Hence the Asynchronous Server Gateway Interface (ASGI) was born.**
- **Uvicorn is an implementation of this interface.**