

1) What is Server (Backend)

= A Server is a Computer or System that provides resources, data, services or Programs to other Computers, known as clients, over a network. It handles requests from clients, processes them and sends back the appropriate response.

* The Live Server which we are used to create a local http server is using NodeJS. For check go to the github Repo of the live server. It created using JS and TypeScript. And the live server is running in the VS code not in the browser. So which code not runs in the browser is obviously runs in Node JS.

2) What is client (Frontend)

= A client is a Computer or Software that requests services, resources or data from a Server over a network. It interacts with the server by sending requests and receiving responses, typically through a web browser, application or other interface.

* ytdlp is a 'command line application' it is used to download full playlist.

1) CLI →

- A text based application or interface where users type commands to perform tasks.
- You interact with the system by typing specific commands into a terminal or a console.
- Command Prompt of Windows.
- Terminal in macOS or Linux.

2) GUI →

- A visual interface where users interact with the system through graphical elements like windows, icons, menu, buttons.
- Users perform tasks by clicking, dragging and dropping using a mouse or touchpad.
- Windows OS, macOS, Ubuntu Desktop.

* Node JS is a CLI Application

What is Node JS ?

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Node JS is a C++ application (CLI) which can understand and run JavaScript Code outside of the Browser. It provides a runtime environment built on Chrome's V8 JavaScript engine, enabling developers to execute JavaScript on the Server Side.

What is Node.js used for

- WebServers and APIs
- Command line Tools (npm, typescript, webpack, ESLint, Babel, yarn, create React, vue CLI, Angular CLI and more).
- Internet of Things. (IoT)