

How is modern software written?

Mostly C++ and JavaScript

- Most modern applications (typically websites) are designed to be used within a web browser
- Because of this, there has been a lot of work done on designing frameworks and other tools to improve the experience of building applications for the web
- This in turn has led to a desire for "native" web applications, like Spotify, Discord, and VSCode, that are built using web technology even though they don't necessarily need consistent access to the internet
- Frameworks: Electron, React native, many more

What about native applications?

- Native applications have more variation in the language they use
- Operating systems: typically C, C++
- Web browsers: typically C++, maybe Rust (Firefox)
- Built-in applications, like calculators or similar: could be C# (Windows) or Swift (macOS)
- Common thread: typically compiled languages because speed is prioritized