

Tool Selection

Discord bot:

1. JavaScript
 - a. Node.js foundation
 - i. Allows for usage of JS outside of web browsers
 - ii. Extends JS functionality
 - b. Discord.js
 - i. API wrapper library for Discord, built on top of Node.js
 - c. TypeScript
 - i. A strict syntactical superset of JavaScript that adds optional static typing
 - ii. Transcompiles to plain JS
 - iii. Aids with the development of applications that heavily utilize classes
 1. Improved tooling
 2. Discord.js uses many different classes