Discussion Board 2.1 NPM Packages

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Name of the package:

Express

Purpose:

Its purpose is to provide “minimal and flexible node.js web application framework” (*Express - Node.js Web Application Framework*, n.d.)

Audience Appeal:

There are many reasons why developers choose express considering there are tons of utility that comes with this package. It has a lot of popular frameworks that are based on express. It describes itself as minimal and flexible with tons of features. It allows you to create API’s fairly easy and fast. (*Express - Node.js Web Application Framework*, n.d.)

Usage:

You would use Express to create Application Programming Interfaces, or API’s quickly and easily. (*Express - Node.js Web Application Framework*, n.d.)

Why did you select it:

I selected Express because it is a popular tool for developers to use, It would be very common for developers to use this and we will likely use this in the future.

Name of the package:

TypeScript

Purpose:

The purpose of TypeScript is to add more syntax to JavaScript (*JavaScript With Syntax for Types.*, n.d.).

Audience Appeal:

Its appealing to developers because it can find errors early on in the code editor. Its code will convert to run anywhere JavaScript runs, and it will give “you great tooling without additional code.” (*JavaScript With Syntax for Types.*, n.d.).

Usage:

Developers would use this to provide more error messages while coding.

Why did you select it:

Two reasons I chose this, first it provides a more robust way to find errors in your code. Second it is another popular choice for developers.

Name of the package:

Socket.IO

Purpose:

Socket.IO looks like to create connections to send messages if its unable to connect and reconnect to servers automatically. (*Socket.IO*, n.d.)

Audience Appeal:

The appeal would that it offers developers an easy way to connect to servers and offers a way of automatic reconnection if the connect is interrupted so that you can send messages.

Usage:

It looks like this would be used to send important messages from the server to the client and automatically reconnects if the connection would be interrupted. (*Socket.IO*, n.d.)

Why did you select it:

It seems like a neat tool that’s if you wanted to communicate automated messages from the server to the client that even has a way for reconnections if the message is deemed important enough to send.

References:

*Socket.IO*. (n.d.). https://socket.io/

*Express - Node.js web application framework*. (n.d.). https://expressjs.com/

*JavaScript With Syntax For Types.* (n.d.). https://www.typescriptlang.org/