

Developing Cloud Applications with Node.js and React
Module 1 Glossary: Introduction to Server Side JavaScript

| Term | Definition |
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| Anonymous Function | A function that is not named. An anonymous function is often passed into another function as a parameter. |
| Asynchronous | A process runs independently of other processes. |
| Callback Function | A function passed into another function as a parameter, which is then invoked inside the outer function to complete an action. Instead of blocking on asynchronous I/O operations, callback functions are used to handle results when the operations complete. |
| Event-Driven | Where the flow of a program is determined by particular events such as user input. |
| Express.js | A highly configurable framework for building applications on Node.js. |
| Multi-Threaded | Where multiple commands are processed simultaneously. |
| Node.js | The server-side component of JavaScript. |
| Non-Blocking | Failure of a given thread does not cause failure in another. |
| Package.json | Contains metadata information about the project including dependencies and scripts. |
| Payload | The data transmitted between client and server. |
| Server.js | A file which contains the main application code. |
| Single-Threaded | Where only one command is processed at a given point of time. |