

# Native Modules

Native modules refers to the modules that are written outside of JavaScript, modules that are written in C++ (C++ addons) for example and embedded into JavaScript using things like N-API (Node-API).

In node, most modules are written in javascript. Some modules, like the fs module are written in C/C++, as you can't edit files from plain javascript. IIRC, these modules are called 'native' because the code for these modules is slightly different depending on the OS node runs on.

We can Easily find Node JS Native Modules in it's Documentation.

<https://nodejs.org/docs/latest-v20.x/api/>

**File System** : To handle file operations like creating, reading, deleting, etc., Node.js provides an inbuilt module called FS (File System). Node.js gives the functionality of file I/O by providing wrappers around the standard POSIX functions. All file system operations can have synchronous and asynchronous forms depending upon user requirements. To use this File System module, use the require() method:

```
var fs = require("fs");
```

Common use for File System module:

- Read Files - <https://nodejs.org/docs/latest-v20.x/api/fs.html#fsreadfilepath-options-callback>
- Write Files - <https://nodejs.org/docs/latest-v20.x/api/fs.html#fswritefilefile-data-options-callback>
- Append Files
- Close Files
- Delete Files