

Relationship between Packages and Modules

This lesson covers relationship between packages and modules in Node.js.

Let's recap what you learned so far:

- A module is anything that can be loaded with `require()`.
- A package is a Node application described by a `package.json` file.

A package used in another Node application is loaded with `require()`, making it a module. To be loaded as a module, a package must contain an `index.js` file or a `main` field in `package.json` defining a specific entry point.

Some packages only contain an executable command and thus cannot be loaded as modules. On the other hand, a single JavaScript file loaded with `require()` is a module but not a package, since it doesn't have a `package.json` file.

Check out the [npm documentation](#) for more details on this aspect.