Core Modules & Global Object in Node

Node JS Tutorial in Hindi #6 Core Modules & Global Object in Node

What Are Modules and Their Types?

Core Modules

Core modules are already available in Node.js.

You do not need to install them.

```
const fs = require("fs");
const os = require("os"); // import os module


fs.writeFileSync("dummy.txt", "trying with modules");
// Create a file with name and write content in it


console.log(os.platform()); // Print the platform of the OS
console.log(os.hostname()); // Print the hostname of the OS
```

```
console.log(os.cpus()); // Print the CPU information of the OS
```

Third-party Modules

You can install them from third party.

Custom Modules

You create them by yourself.

What Are Core Modules?

Core modules are modules that are already included in Node.js.

No need to install them separately. Just use `require()` to import them.

What Are Global Objects?

Global object is an object that is available in all modules by default.

You do not need to import or require it to use it.

You can import `console` forcefully:

```
const { log } = require("console"); // import console module

log("custom log");
```

Difference Between `console.log` in JS and Node.js

The difference is:

In **JavaScript** → `console.log` prints on the browser console.

In **Node.js** → `console.log` prints on the terminal.

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