

Path Module and Path global constant

Node JS Tutorial in Hindi #23 Path Module and Path global constant



What is Path module?

In Node.js, the **path module** is a built-in core module that provides utilities for working with file and directory paths.

What is Global constant?

In Node.js, a **global constant** is a value that is always available in your code without requiring an import or declaration.

Example of both:

```
const path = require("path");
const file = "text/peter.txt";

console.log(path.extname(file)); // Output: .txt
console.log(path.dirname(file)); // Output: text
console.log(path.basename(file)); // Output: peter.txt
console.log(path.resolve("text", "peter.text")); // Output: absolute
path to text/peter.text
console.log(path.isAbsolute(file)); // Output: false (if the path is
not absolute)
```

This are the global constants in Node.js

```
console.log(__dirname); // Output: current directory path
console.log(__filename); // Output: current file path
```

Why do we need global constants?

This is very helpful when you're working with file systems (like reading HTML or CSS files), especially when your project is running on different machines or environments. It ensures your file paths are always accurate.

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