Module Type in package.json Explained

Node JS Tutorial in Hindi #26 | Module Type in package.json Explained

Why ES Modules?

By default, Node.js uses **CommonJS** syntax (`require`, `module.exports`).

If you try:

```
import express from 'express';
```

You'll get an error, because Node doesn't recognize `import/export` without proper setup.

Enable ES Module Support

In your `package.json`, add this line:

```
"type": "module"
```

This tells Node.js to interpret your files using **ES module syntax**.

Before (CommonJS Syntax)

```
const express = require("express")();
```

After (ES Module Syntax)

```
import express from 'express';
const app = express();
```

Create Pages Using Export/Import

Create `home.js`

pages/home.js

```
export default function home() {
  return `<h1>Home Page with ES export way</h1>`;
}
```

Create `about.js`

File: `pages/about.js`

```
export default function about() {
  return `<h1>About Page</h1>`;
```

```
}
```

Create `contact.js`

pages/contact.js

```
export default function contact() {
    return `<h1>Contact Page</h1>`;
}
```

Import and Use in Your Main File

File: `index.js`

```
import express from 'express';
import home from './pages/home.js';
import about from './pages/about.js';
import contact from './pages/contact.js';

const app = express();

app.get("/", (req, res) => {
    res.send(home());
});

app.get("/about", (req, res) => {
    res.send(about());
});

app.get("/contact", (req, res) => {
    res.send(contact());
});

app.listen(3200);
```

Home   About   Contact