



Tutorials ▼

Exercises ▼

Services ▼



Sign Up

Log in



CSS

JAVASCRIPT

SQL

PYTHON

JAVA

PHP

HOW TO

W3.CSS

C

# Node.js Modules

[< Previous](#)[Next >](#)

## What is a Module in Node.js?

Consider modules to be the same as JavaScript libraries.

A set of functions you want to include in your application.

## Built-in Modules

Node.js has a set of built-in modules which you can use without any further installation.

Look at our [Built-in Modules Reference](#) for a complete list of modules.

## Include Modules

To include a module, use the `require()` function with the name of the module:

```
var http = require('http');
```

Now your application has access to the HTTP module, and is able to create a server:

[Tutorials](#) ▾[Exercises](#) ▾[Services](#) ▾[Sign Up](#)[Log in](#)[CSS](#)[JAVASCRIPT](#)[SQL](#)[PYTHON](#)[JAVA](#)[PHP](#)[HOW TO](#)[W3.CSS](#)[C](#)

```
res.end('HELLO WORLD!');  
}).listen(8080);
```

## Create Your Own Modules

You can create your own modules, and easily include them in your applications.

The following example creates a module that returns a date and time object:

### Example

[Get your own Node.js Server](#)

Create a module that returns the current date and time:

```
exports.myDateTime = function () {  
  return Date();  
};
```

Use the `exports` keyword to make properties and methods available outside the module file.

Save the code above in a file called "myfirstmodule.js"

## Include Your Own Module

Now you can include and use the module in any of your Node.js files.

### Example

Use the module "myfirstmodule" in a Node.js file:

```
var http = require('http');  
var dt = require('./myfirstmodule');
```

[Tutorials ▾](#)[Exercises ▾](#)[Services ▾](#)[Sign Up](#)[Log in](#)[CSS](#)[JAVASCRIPT](#)[SQL](#)[PYTHON](#)[JAVA](#)[PHP](#)[HOW TO](#)[W3.CSS](#)[C](#)

```
res.end();  
}).listen(8080);
```

[Run example »](#)

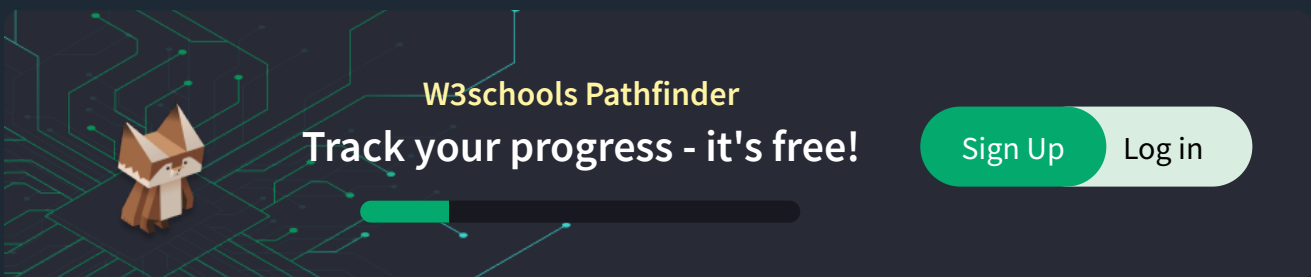
Notice that we use `./` to locate the module, that means that the module is located in the same folder as the Node.js file.

Save the code above in a file called "demo\_module.js", and initiate the file:

Initiate demo\_module.js:

```
C:\Users\Your Name>node demo_module.js
```

If you have followed the same steps on your computer, you will see the same result as the example: <http://localhost:8080>

[◀ Previous](#)[Next ▶](#)

**W3schools Pathfinder**  
**Track your progress - it's free!**

[Sign Up](#) [Log in](#)