

Node.js Modules

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What is Node.js Modules ?

Node.js Modules is a set of functions which you can include in your application. Node.js Modules is same as JavaScript libraries.

Node.js provides many built-in modules like http, express fs, path, events, string, moments, events, os, url etc.

We can include all Node.js module in our application using **require()** function.

How to access Node.js module?

You can access module using **require()** function as below.

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

const port = 5555;

const server = http.createServer(function (req, res) {
  res.writeHead(200, {'Content-Type': 'text/html'});
  res.end('Welcome to aryatechno tutorials!');
}).listen(8080);

server.listen(port, function() {
  console.log(`Server running at port ${port}: http://127.0.0.1:${port}`)
})
```

How to create our own modules?

We can create our own modules using **exports** keyword as below.

```
exports.moduleName = async function (req, res, next) {

  return data;

}
```

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