

# Building an HTTP server with Node.js

src/node/httpserver.js

```
import { http } from 'http'
const PORT = 3000

function handler(req, res) {
  console.log("Method:", req.method)
  console.log("Url:", req.url)
  console.log("Headers:", req.headers)
  res.end('hello world!')
};

createServer(handler).listen(PORT, function (err) {
  if (err) console.log(err)
  else console.log("HTTP server on http://localhost:%s", PORT)
});
```

# Routing HTTP requests

Process HTTP requests and execute different actions based on

- the request method
  - the url path
  - whether the user is authenticated
  - ect ...
- ⦿ A router can be written from scratch (but it is tedious)
  - ⦿ Use the backend framework **Express.js**