



# MIDDLEWARE

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This code requires body-parser if not already installed -

`NPM INSTALL BODY-PARSER --SAVE`

Create index.html in the same directory as Index.js then

Hit the URLs

`LOCALHOST:8081/HELLO`

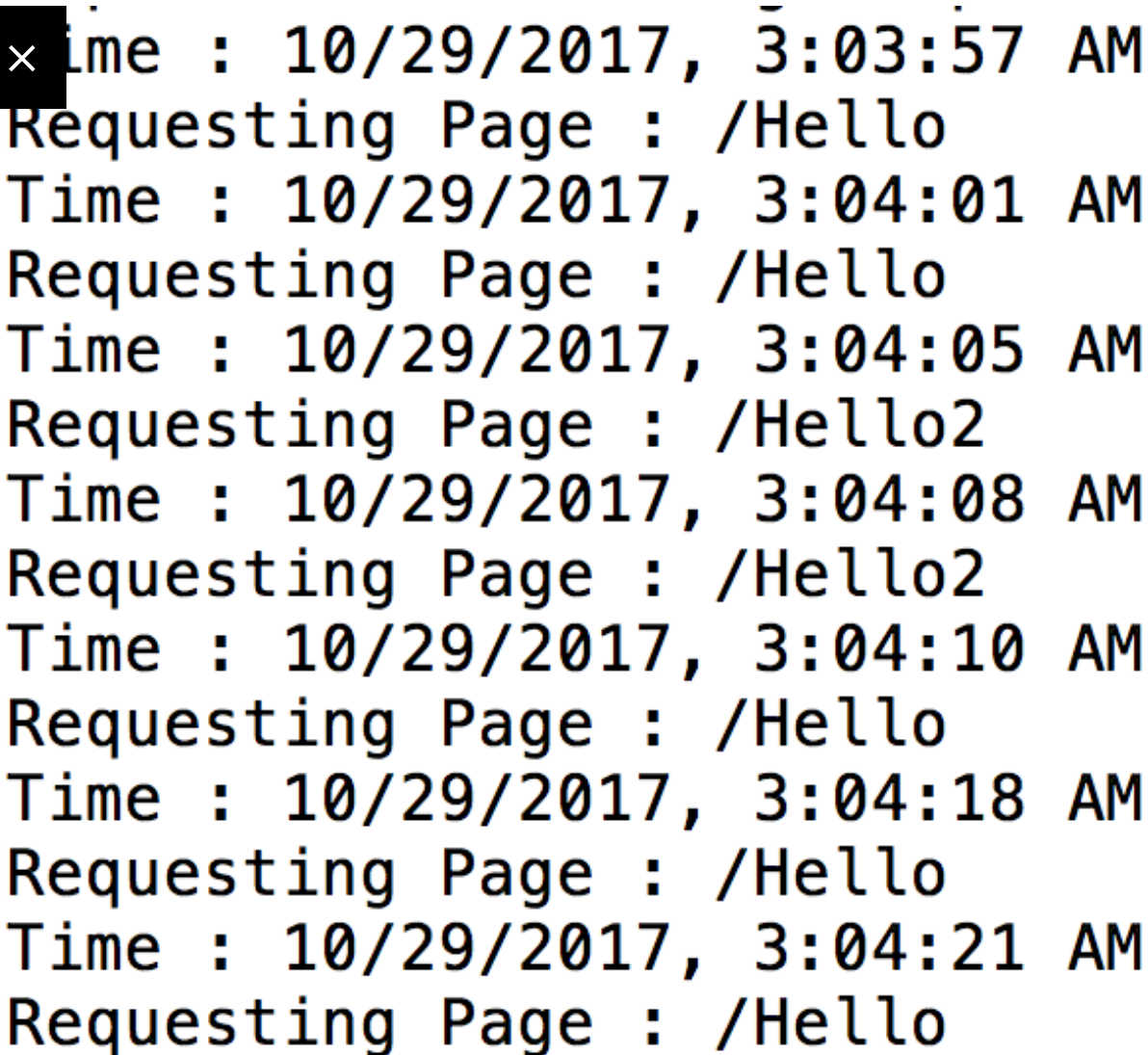
`LOCALHOST:8081/HELLO2`

OBSERVATION

The custom middleware is executed everytime any path is hit and it logs it on the console

CONSOLE OUTPUT





```
Time : 10/29/2017, 3:03:57 AM
Requesting Page : /Hello
Time : 10/29/2017, 3:04:01 AM
Requesting Page : /Hello
Time : 10/29/2017, 3:04:05 AM
Requesting Page : /Hello2
Time : 10/29/2017, 3:04:08 AM
Requesting Page : /Hello2
Time : 10/29/2017, 3:04:10 AM
Requesting Page : /Hello
Time : 10/29/2017, 3:04:18 AM
Requesting Page : /Hello
Time : 10/29/2017, 3:04:21 AM
Requesting Page : /Hello
```

## INDEX.JS

```
var express = require('express');
var bodyParser = require('body-parser');
var app = express();

var Logger = function (req, res, next) {
  console.log(`Time : ${new Date().toLocaleString()}\nRequesting
Page : ${req.path}`)
  next()
}

app.use(Logger)

app.use(bodyParser.urlencoded({ extended: true }));

app.route('/Hello').get(function (req, res) {
```



```
res.sendFile(__dirname + "/index.html")
})


.post(function (req, res) {
    var times = req.body.times;
    var message = req.body.msg;
    if(times === undefined){
        times = 10;
    }
    else
    {
        times = parseInt(times);
    }
    if(message === undefined){
        message = "Hello World";
    }
    var data = "";
    for(var i = 0 ; i < times ; i++){
        data += "<h1>" + message + "
</h1>";
    }
    res.send(data);
});


app.get("/Hello2",function(req,res){
    res.send("<h1>Hello2</h2>")
})

app.listen(8081, function () {
    console.log('ExpressJS is running on port 8081');
});
```

# INDEX.HTML



```
 <form action="/Hello" method="post">  
<label>Message: </label>  
<input type="text" name="msg">  
<br>  
<br>  
<label>Times: </label>  
<input type="number" name="times">  
<br>  
<br>  
<input type="submit" value="Submit">  
</form>
```



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