

Fullstack Javascript



BOOTCAMP



ExpressJS

Executing Javascript on the server

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ExpressJS



Express.js is a framework to create WebApps, Web APIs or any type of Web Services

ExpressJS Basics



```
//BRING EXPRESS
```

```
//INSTANCE EXPRESS
```

```
//SETTINGS
```

```
//MIDDLEWARES
```

```
//ROUTES
```

```
//PUT THE SERVER TO LISTEN
```



```
//BRING EXPRESS
```

```
const express = require('express')
```

```
//INSTANCE EXPRESS
```

```
const app = express()
```

```
//SETTINGS
```

```
//MIDDLEWARES
```

```
//ROUTES
```

```
//PUT THE SERVER TO LISTEN
```

```
app.listen(8000, () => {  
  console.log(`Puerto iniciado en ${app.get('port')}`)  
})
```

Create a Server

1. Add to project

```
npm i express
```

2. Bring express

```
const express = require('express')
```

3. Instance server (app)

```
const app = express()
```

4. Put the server to listen

```
app.listen(port, () => {  
  //Code when the server starts  
})
```

5. (Make a route)

Ajustes

```
//BRING EXPRESS
const express = require('express')

//INSTANCE EXPRESS
const app = express()

//SETTINGS
app.set('port', 8000)

//MIDDLEWARES

//ROUTES

//PUT THE SERVER TO LISTEN
app.listen(app.get('port'), () => {
  console.log(`Puerto iniciado en ${app.get('port')}`)
})
```

`app.set(nombre, valor)`
`app.get(nombre)`

`app.set('appName',
 'MiPrimeraAplicación')`
`app.set('puerto', 5000)`
`app.set('view engine', 'ejs')`

```
app.get('/user/:id', (req res)
```

```
{
```

```
//Route code
```

```
})
```

Method

Route

Request

Response

Request

Body '/users/:id'
const name = req.body.name

Params '/users/:id'
const id = req.params.id

Query Params '/users/?id'
const id = req.query.id

Response

res.send(Texto) Response with a text

res.json({ Response with a json

clave: valor (Must use middleware middleware)
})

res.render(página) Response with a page

res.status(status) Specify response status

Response

```
● ● ●

//BRING EXPRESS
const express = require('express')

//INSTANCE EXPRESS
const app = express()

//SETTINGS
app.set('port', 8000)

//MIDDLEWARES

//ROUTES
app.get('/', (req, res) => {
  res.send("Ruta inicial")
})

app.get('/user/:id', (req, res) => {
  const id = req.params.id;
  res.send(id);
})

//PUT THE SERVER TO LISTEN
app.listen(app.get('port'), () => {
  console.log(`Puerto iniciado en ${app.get('port')}`)
})
```

Our Project

Basic Actions

CRUD

R
E
A
T
E

E
A
D

P
D
A
T
E

E
L
E
T
E

listPosts
getPost
savePost
updatePost
deletePost

Let's code!



THANKS!

Any questions?