

Backend

jueves, 4 de noviembre de 2021 09:28 a. m.

```
> node ./src/server.js --MODE CLUSTER
Master PID 26908
🔥 Conectado a la base de datos
🔥 Server started on port http://localhost:8081 - PID 26920
🔥 Conectado a la base de datos
🔥 Server started on port http://localhost:8081 - PID 26923
🔥 Conectado a la base de datos
```

```
> node ./src/server.js --PORT 8080 --MODE FORK
🔥 Server started on port http://localhost:8080 - PID 26951
🔥 Conectado a la base de datos
```

```
> node ./src/server.js
🔥 Server started on port http://localhost:8081 - PID 26980
🔥 Conectado a la base de datos
```

```
{"ArgumentosEntrada":{},
["--MODE","FORK"],
"SistOperativo":"linux",
"NodeVersion":"v16.13.0",
"MemoriaRSS":72040448,
"ProcesoID":26980,
"CarpetaProyecto":"/home/joo/entrega15",
"NumeroDeProcesadores":2,
"PID":26980}
```

```

> sudo forever start ./src/server.js --PORT 8085
warn: --minUptime not set. Defaulting to: 1000ms
warn: --spinSleepTime not set. Your script will exit if it does not stay up for at least 1000ms
info: Forever processing file: ./src/server.js
(node:27141) Warning: Accessing non-existent property 'padLevels' of module exports inside circular dependency
(Use `node --trace-warnings ...` to show where the warning was created)
(node:27141) Warning: Accessing non-existent property 'padLevels' of module exports inside circular dependency
> sudo forever list
(node:27174) Warning: Accessing non-existent property 'padLevels' of module exports inside circular dependency
(Use `node --trace-warnings ...` to show where the warning was created)
(node:27174) Warning: Accessing non-existent property 'padLevels' of module exports inside circular dependency
info: Forever processes running
data:   uid  command      script           forever pid  id logfile          uptime
data: [0] Smml /usr/bin/node src/server.js --PORT 8085 27152  27159  /root/.forever/Smml.log 0:0:0:12.871

```

```

> sudo pm2 start ./src/server.js --name="FORK" --watch -- 8082
[PM2] Starting /home/joo/entrega15_pm2/src/server.js in fork_mode (1 instance)
[PM2] Done.

```

id	name	namespace	version	mode	pid	uptime	σ	status	cpu	mem	user	watching
0	FORK	default	1.0.0	fork	27211	0s	0	online	0%	35.5mb	root	enabled

```

> sudo pm2 start ./src/server.js --name="cluster" --watch -i max -- 8082
[PM2] Starting /home/joo/entrega15_pm2/src/server.js in cluster_mode (0 instance)
[PM2] Done.

```

id	name	namespace	version	mode	pid	uptime	σ	status	cpu	mem	user	watching
0	FORK	default	1.0.0	fork	27211	54s	0	online	0%	70.5mb	root	enabled
1	cluster	default	1.0.0	cluster	27242	0s	0	online	0%	40.3mb	root	enabled
2	cluster	default	1.0.0	cluster	27249	0s	0	online	0%	32.7mb	root	enabled

sudo pm2 list													
id	name	namespace	version	mode	pid	uptime	σ	status	cpu	mem	user	watching	
1	cluster	default	1.0.0	cluster	27367	88s	0	online	0%	69.7mb	root	enabled	
2	cluster	default	1.0.0	cluster	27374	88s	0	online	0%	70.5mb	root	enabled	
0	fork	default	1.0.0	fork	27337	97s	0	online	0%	73.3mb	root	enabled	

sudo kill 27367

sudo pm2 list													
id	name	namespace	version	mode	pid	uptime	σ	status	cpu	mem	user	watching	
1	cluster	default	1.0.0	cluster	27471	6s	1	online	0%	86.1mb	root	enabled	
2	cluster	default	1.0.0	cluster	27374	2m	0	online	0%	69.4mb	root	enabled	
0	fork	default	1.0.0	fork	27337	2m	0	online	0%	72.0mb	root	enabled	

```
+ node ./src/server.js --MODE CLUSTER
Master PID 27578
● Conectado a la base de datos
● Server started on port http://localhost:8080 - PID 27598
● Server started on port http://localhost:8081 - PID 27599
● Conectado a la base de datos
● Conectado a la base de datos
```

```
+ node ./src/server.js --PORT 8080 --MODE FORK
● Server started on port http://localhost:8080 - PID 27621
● Conectado a la base de datos
No esta registrado
```

```
GNU nano 4.8                                myserver
#The Nginx server instance
server {
    listen 8088 default_server;
    listen [::]:8088 default_server;
    proxy_set_header Host $host;
    proxy_set_header X-Real-IP $remote_addr;
    proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;
    location / {
        proxy_pass http://localhost:8080;
    }
    location /api {
        proxy_pass http://localhost:8081/api;
    }
}
```

pm2 list												
id	name	namespace	version	mode	pid	uptime	σ	status	cpu	mem	user	watching
0	FRONT	default	1.0.0	fork	30123	30m	0	online	0%	74.0mb	joo	enabled
1	SERVER1	default	1.0.0	fork	30202	27m	0	online	0%	73.5mb	joo	enabled
2	SERVER2	default	1.0.0	fork	30227	27m	0	online	0%	74.8mb	joo	enabled
3	SERVER3	default	1.0.0	fork	30252	27m	0	online	0%	74.1mb	joo	enabled
4	SERVER34	default	1.0.0	fork	30277	27m	0	online	0%	73.4mb	joo	enabled

```
#The Nginx server instance
upstream default_server{
    server 127.0.0.1:8082;
    server 127.0.0.1:8083;
    server 127.0.0.1:8084;
    server 127.0.0.1:8085;
}

server {
    listen 80 default_server;
    listen [::]:80 default_server;
    proxy_set_header Host $host;
    proxy_set_header X-Real-IP $remote_addr;
    proxy_set_header X-Forwarded-For $proxy_add_x_forwarded_for;

    location / {
        proxy_pass http://localhost:8080;
    }

    location /api {
        proxy_pass http://default_server;
    }
}
```

```
sudo pm2 start ./src/server.js --name="FRONT" --watch -- 8080
```

```
sudo pm2 start ./src/server.js --name="server1" --watch -- 8082
```

```
sudo pm2 start ./src/server.js --name="server2" --watch -- 8083
```

```
sudo pm2 start ./src/server.js --name="server3" --watch -- 8084
```

```
sudo pm2 start ./src/server.js --name="server4" --watch -- 8085
```



LOGIN

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localhost/api/info

```
{"SistOperativo": "linux", "NodeVersion": "v16.13.0", "MemoriaRSS": 77500416, "ProcesoID": 30277, "CarpetaProyecto": "/home/joo/entrega15_pm2", "NumeroDeProcesadores": 2, "PID": 30277}
```

localhost/api/randoms?cant=30

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```
1 // 20211105124802
2 // http://localhost/api/randoms?cant=30
3
4 {
5     "40": 1,
6     "46": 1,
7     "61": 1,
8     "107": 1,
9     "108": 1,
10    "126": 1,
11    "223": 1,
12    "254": 1,
13    "321": 1,
14    "326": 1,
15    "365": 1,
16    "407": 1,
17    "419": 1,
18    "421": 1,
19    "434": 1,
20    "545": 1,
21    "548": 1,
22    "635": 1,
23    "657": 1,
24    "682": 1,
25    "723": 1,
26    "724": 1,
27    "752": 1,
28    "808": 1,
29    "815": 1,
30    "827": 1,
31    "857": 1,
32    "963": 1,
33    "972": 1,
34    "998": 1
```