

## 1. CLUSTER, FORK Y DEFAULT

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL

PS D:\CoderHouse\Backend\proyecto-Backend> node server.js -p 8091 -m CLUSTER
Número de procesadores: 4
PID MASTER 10280
Servidor http escuchando en el puerto 8091 - PID: 4476
Servidor http escuchando en el puerto 8091 - PID: 10128
Servidor http escuchando en el puerto 8091 - PID: 6668
Servidor http escuchando en el puerto 8091 - PID: 6108
PS D:\CoderHouse\Backend\proyecto-Backend> node server.js -p 8091 -m FORK
Servidor http escuchando en el puerto 8091 - PID: 8232
PS D:\CoderHouse\Backend\proyecto-Backend> node server.js -p 8091
Servidor http escuchando en el puerto 8091 - PID: 8052
PS D:\CoderHouse\Backend\proyecto-Backend> █
```

## 2. FOREVER

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL

PS D:\CoderHouse\Backend\proyecto-Backend> forever start server.js -p 8091 -m CLUSTER
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: server.js
(node:8044) Warning: Accessing non-existent property 'padLevels' of module exports inside circular dependency
(Use `node --trace-warnings ...` to show where the warning was created)
(node:8044) Warning: Accessing non-existent property 'padLevels' of module exports inside circular dependency
PS D:\CoderHouse\Backend\proyecto-Backend> █
```

## 3. FOREVER LIST

```
PS D:\CoderHouse\Backend\proyecto-Backend> forever list
(node:10700) Warning: Accessing non-existent property 'padLevels' of module exports inside circular dependency
(Use `node --trace-warnings ...` to show where the warning was created)
(node:10700) 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] RcEM "C:\Program Files\nodejs\node.exe" D:\CoderHouse\Backend\proyecto-Backend\server.js -p 8091
      -m CLUSTER 10964 3552 C:\Users\Heber\.forever\RcEM.log 0:0:1:27.891999999999996
PS D:\CoderHouse\Backend\proyecto-Backend> █
```

## 4. FOREVER STOPALL

```
PS D:\CoderHouse\Backend\proyecto-Backend> forever stopall
(node:10060) Warning: Accessing non-existent property 'padLevels' of module exports inside circular dependency
(Use `node --trace-warnings ...` to show where the warning was created)
(node:10060) Warning: Accessing non-existent property 'padLevels' of module exports inside circular dependency
info: Forever stopped processes:
data:      uid command script
      forever pid id logfile uptime
data:  [0] RcEM "C:\Program Files\nodejs\node.exe" D:\CoderHouse\Backend\proyecto-Backend\server.js -p 8091
      -m CLUSTER 10964 3552 C:\Users\Heber\.forever\RcEM.log 0:0:4:2.9259999999999987
PS D:\CoderHouse\Backend\proyecto-Backend> █
```

## 5. PM2 FORK

```
PS D:\CoderHouse\Backend\projecto-Backend> pm2 start pm2.config.cjs --only Backend-fork
[PM2] Spawning PM2 daemon with pm2_home=C:\Users\Heber\.pm2
[PM2] PM2 Successfully daemonized
[PM2][WARN] Applications Backend-fork not running, starting...
[PM2] App [Backend-fork] launched (1 instances)
```

id	name	namespace	version	mode	pid	uptime	🔄	status	cpu	mem	user	watching
0	Backend-fork	default	1.0.0	fork	7180	1s	0	online	10.9%	27.3mb	Heber	enabled

```
PS D:\CoderHouse\Backend\projecto-Backend>
```

## 6. PM2 FORK DELETE

```
PS D:\CoderHouse\Backend\projecto-Backend> pm2 delete 0
[PM2] Applying action deleteProcessId on app [0](ids: [ '0' ])
[PM2] [Backend-fork](0) ✓
```

id	name	namespace	version	mode	pid	uptime	🔄	status	cpu	mem	user	watching
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```
PS D:\CoderHouse\Backend\projecto-Backend>
```

## 7. PM2 CLUSTER

```
PS D:\CoderHouse\Backend\projecto-Backend> pm2 start pm2.config.cjs --only Backend-cluster
[PM2] Spawning PM2 daemon with pm2_home=C:\Users\Heber\.pm2
[PM2] PM2 Successfully daemonized
[PM2][WARN] Applications Backend-cluster not running, starting...
[PM2] App [Backend-cluster] launched (4 instances)
```

id	name	namespace	version	mode	pid	uptime	🔄	status	cpu	mem	user	watching
0	Backend-cluster	default	1.0.0	cluster	10008	3s	0	online	0%	32.4mb	Heber	enabled
1	Backend-cluster	default	1.0.0	cluster	12044	3s	0	online	0%	32.9mb	Heber	enabled
2	Backend-cluster	default	1.0.0	cluster	6156	3s	0	online	0%	32.3mb	Heber	enabled
3	Backend-cluster	default	1.0.0	cluster	7564	2s	0	online	0%	32.3mb	Heber	enabled

```
PS D:\CoderHouse\Backend\projecto-Backend>
```

## 8. PM2 CLUSTER KILL

```
PS D:\CoderHouse\Backend\projecto-Backend> pm2 kill
[PM2] Applying action deleteProcessId on app [all](ids: [ 0, 1, 2, 3 ])
[PM2] [Backend-cluster](0) ✓
[PM2] [Backend-cluster](2) ✓
[PM2] [Backend-cluster](3) ✓
[PM2] [Backend-cluster](1) ✓
[PM2] [v] All Applications Stopped
[PM2] [v] PM2 Daemon Stopped
PS D:\CoderHouse\Backend\projecto-Backend>
```