PM2 Node process manager

CONCEPTS

PM2 runs a background daemon that owns your apps: closing the terminal does not stop them.

pm2 CLI your commands
↓ talks to
PM2 daemon keeps apps alive
↓ spawns
Your apps fork or cluster
↓ write to
Log files ~/.pm2/logs

The process list lives in the daemon's memory; pm2 save plus pm2 startup make it survive a reboot.

START AND RUN

`pm2 start <file>`
Start an app as a daemonized process

`pm2 start <file> --name <name>`
Start under a custom name

`pm2 start <file> -- <args>`
Pass arguments to the script

`pm2 start <file> --watch`
Restart when files change

`pm2 start <file> --watch --ignore-watch "node_modules"`
Watch but skip a path

`pm2 start <file> --max-memory-restart <size>`
Restart above a memory limit

INSPECT AND LOGS

`pm2 list`
Table of all processes

`pm2 logs`
Stream logs of all apps

`pm2 logs <name>`
Stream logs of one app

`pm2 monit`
Live CPU, memory and logs

`pm2 logs --lines <n>`
Show the last n lines first

`pm2 logs --err`
Only error output

INSPECT AND LOGS (cont.)

`pm2 logs --nostream`
Print recent logs and exit

`pm2 describe <name>`
All details of one process

`pm2 flush`
Empty all log files

CONTROL

`pm2 restart <name>`
Kill and start again

`pm2 stop <name>`
Stop but keep in the list

`pm2 delete <name>`
Stop and remove from the list

`pm2 reload <name>`
Zero-downtime restart

`pm2 restart all`
Restart every app

`pm2 restart <name> --update-env`
Restart with the current shell env

CLUSTER MODE

`pm2 start <file> -i max`
One instance per CPU core

`pm2 start <file> -i <n>`
Run n load-balanced instances

`pm2 scale <name> <n>`
Set the instance count

ECOSYSTEM FILE

`pm2 ecosystem`
Generate ecosystem.config.js

`pm2 start ecosystem.config.js`
Start all apps in the file

`pm2 start ecosystem.config.js --env <name>`
Use the env_<name> block

BOOT AND UPKEEP

`pm2 startup`
Print the boot-hook command to run

`pm2 save`
Save the list for resurrect

`pm2 install pm2-logrotate`
Rotate log files