PM2

PM2 is a productions process manager for Node.js application with built-in load balancer.

* Allow to keep applications alive forever, to reload them without downtime and to facilitate common system admin tasks.

Install pm2 using npm

* Npm install pm2 –g

Command line of pm2

* Pm2 start app.js

Several parameters starting app

* --name <app\_name> specify applications name
* --watch restart your applications automatically when a file changes
* --max-memory—restart <100MB> -a memory limit that trigger an automatic restart when reached
* --log <log\_file> specify a file logs
* --arg1 arg2 –pass extra argument to the script
* --restart-delay <2000ms> delay between automatic restart in millisecond
* --time prefix log with time
* --no-autorestart turn off automatic application restart
* --cron a corn job pattern for automatic applications restarts
* --no-de=daemon do not run applications in a daemon process

Manage applications

* Pm2 restart app
* Pm2 reload app
* Pm2 stop app
* Pm2 delete app
* Pm2 list list all applications
* Pm2 logs display app log
* Pm2 logs –lines 200 specify the line amount with the –lines parameter

Monitor the resource usage

* Pm2 monit

Set up web-based dashboard

* Pm2 plus

Configure pm2 to start on server Boot

* Generate a startup script and configure pm2 to start on server boot
* Pm2 startup
* Pm2 unstartup system if you want to stop pm2 on server boot

Configure aplications to start on server boot

* Pm2 save
* Pm2 resurrect

Check for update

* Npm outdated –g if the list contain new version pf pm2 package

Update pm2

* Npm install pm2@latest –g
* Pm2 update

Prevent downtime with cluster mode

* Pm2 stop app

Start app in cluster mode specify the number of instance with –I parameter

* Pm2 start app.js –I 3

Scale an application

* Pm2 scale app 4

Follow the link <https://pm2.keymetrics.io/docs/usage/quick-start/>