

# Web Application

Bỏ tầm 10 năm code kiếc giờ quay lại quấy

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# Web UI

Mọi thứ về Web Ui và làm sao để mình tạo ra web ui một cách thành thạo về một UI. Ở đây, vì mình học nodejs, nextjs nên mình chọn một ui đơn giản nhất để bắt đầu học và làm. Đó là Chakra UI.

# Lỗi và Giải Pháp

# DISPLAY và DNS puppeteer trên vagrant virtualbox

Lỗi thường gặp:

- **Missing X server or \$DISPLAY**
- **Unable to open X display**
- **Could not find Chrome (ver.....)**

```
npm install puppeteer
```

```
sudo apt-get install libnss3-dev
```

```
sudo apt-get install -y gconf-service libasound2 libatk1.0-0 libc6 libcairo2 libcups2 libdbus-1-3 libexpat1  
libfontconfig1 libgcc1 libgconf-2-4 libgdk-pixbuf2.0-0 libgl1.0-0 libgtk-3-0 libnspr4 libpango-1.0-0 libpangocairo-  
1.0-0 libstdc++6 libx11-6 libx11-xcb1 libxcb1 libxcomposite1 libxcursor1 libxdamage1 libxext6 libxfixes3 libxi6  
libxrandr2 libxrender1 libxss1 libxtst6 ca-certificates fonts-liberation libappindicator1 libnss3 lsb-release xdg-  
utils wget libgbm-dev
```

```
sudo apt-get install -y xvfb
```

```
sudo apt-get -y install xorg xvfb gtk2-engines-pixbuf
```

```
sudo apt-get -y install dbus-x11 xfonts-base xfonts-100dpi xfonts-75dpi xfonts-cyrillic xfonts-scalable
```

```
sudo apt-get -y install imagemagick x11-apps
```

```
Xvfb -ac :99 -screen 0 1280x1024x16 &  
export DISPLAY=:99
```

## Lỗi DNS error:

- **ERR! code EAI\_AGAIN**
- **ERR! request to <https://registry.npmjs.org/puppeteer> failed, reason: getaddrinfo EAI\_AGAIN registry.npmjs.org**

```
npm config rm proxy  
npm config rm https-proxy --tried removing npm proxy  
sudo vi /etc/resolv.conf
```

Thêm dns name resolver vào, bên dưới nameserver đầu tiên:

```
nameserver 127.0.0.53  
nameserver 192.168.1.11  
  
options edns0 trust-ad
```

Ref:

<https://stackoverflow.com/questions/60304251/unable-to-open-x-display-when-trying-to-run-google-chrome-on-centos-rhel-7-5>

# Yarn Command vs NPM Command

Use the following command :

```
yarn add [package_name]
```

## Comparing npm and Yarn Commands

### Install dependencies

```
npm install => yarn
```

### Install a package

```
npm install [package_name] => yarn add [package_name]
```

### Install a package globally

```
npm install -g [package_name] => yarn global add [package_name]
```

### Install a package as a development dependency

```
npm install --save-dev [package_name] => yarn add --dev [package_name]
```

### Uninstall a package

```
npm uninstall [package_name] => yarn remove [package_name]
```

### Uninstall a package globally

```
npm uninstall -g [package_name] => yarn global remove [package_name]
```

### **Uninstall a development dependency package**

```
npm uninstall --save-dev [package_name] => yarn remove [package_name]
```

### **Update the dependencies**

```
npm update => yarn upgrade
```

### **Update a package**

```
npm update [package_name] => yarn upgrade [package_name]
```

### **Create a new package**

```
npm init => yarn init
```

### **Run a script defined in the package.json**

```
npm run => yarn run
```

### **Test a package**

```
npm test => yarn test
```

### **Publish a package**

```
npm publish => yarn publish
```

### **Remove all data from the cache**

```
npm cache clean => yarn cache clean
```

# Error while loading shared libraries: libnss3.so

Lỗi này thường xuất hiện khi bạn cài puppeteer trên ubuntu mới.

Thử command sau đây

```
sudo apt-get install libasound2
```

Không được thì thử cái này:

```
sudo apt install libgconf-2-4 libatk1.0-0 libatk-bridge2.0-0 libgdk-pixbuf2.0-0 libgtk-3-0 libgbm-dev libnss3-dev libx
```



# Setting Up Multiple Sites within Nginx

Setting Up PHP Nginx MariaDB

Tutorial: <https://gist.github.com/nd3w/8017f2e0b8afb44188e733d2ec487deb>

Setting up Multiple Sites:

<https://www.youtube.com/watch?v=gsSGDEexBl8&t=866s>

Basically you will need to create new conf file rules for nginx to load in sites-enabled or conf.d folder

/etc/nginx/conf.d/example.conf

root /var/www/example1; <<< example site folder path

server\_name example1.kyluat.lan example1.com; << example domain name with local dns pi hole setted up that point to the server ip address.

```
server {
    listen 80;
    listen [::]:80;

    # SSL configuration
    #
    # listen 443 ssl default_server;
    # listen [::]:443 ssl default_server;
    #
    # Note: You should disable gzip for SSL traffic.
    # See: https://bugs.debian.org/773332
    #
    # Read up on ssl_ciphers to ensure a secure configuration.
    # See: https://bugs.debian.org/765782
    #
    # Self signed certs generated by the ssl-cert package
    # Don't use them in a production server!
```

```

#
# include snippets/snakeoil.conf;

root /var/www/example1;

# Add index.php to the list if you are using PHP
index index.html;

server_name example1.kyluat.lan example1.com;

location / {
    # First attempt to serve request as file, then
    # as directory, then fall back to displaying a 404.
    try_files $uri $uri/ =404;
}

# pass PHP scripts to FastCGI server
#

location ~ \.php$ {
    include snippets/fastcgi-php.conf;
    fastcgi_pass unix:/var/run/php/php7.4-fpm.sock;
}

#location ~ \.php$ {
#    include snippets/fastcgi-php.conf;
#
#    # With php-fpm (or other unix sockets):
#    fastcgi_pass unix:/run/php/php7.4-fpm.sock;
#    # With php-cgi (or other tcp sockets):
#    fastcgi_pass 127.0.0.1:9000;
#}

# deny access to .htaccess files, if Apache's document root
# concurs with nginx's one
#
#location ~ /\.ht {
#    deny all;
#}
}

```



# Re-Invent dead sites' Content

What i am about to do is to earn some money to support my life:

1. Choosing the niche that is easy to extract database and rank on google
2. Extract data and put them into structured database
3. Use AI to re-write the content
4. Create a unique website using nextjs and nestjs as API
5. let the miracle grow.