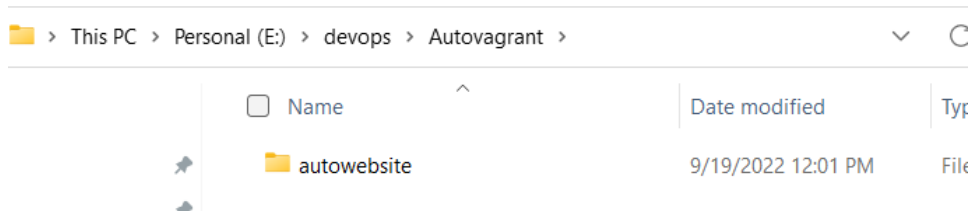


Automated website hosting with Vagrant

1. Install Vagrant.
2. Create a directory for vagrant and the project in any drive.



3. In shell do ***vagrant init geerlingguy/centos7***.
4. Open and edit the vagrant file present in the directory, i.e., enable the below lines,

```
config.vm.network "private_network", ip: "192.168.33.18"
config.vm.network "public_network"
config.vm.provision "shell", inline: <<-SHELL
yum install httpd wget unzip -y
systemctl start httpd
systemctl enable httpd
cd /tmp/
wget https://www.tooplate.com/zip-templates/2119\_gymso\_fitness.zip
unzip -o 2119_gymso_fitness.zip
cp -r 2119_gymso_fitness/* /var/www/html
systemctl restart httpd
SHELL
```

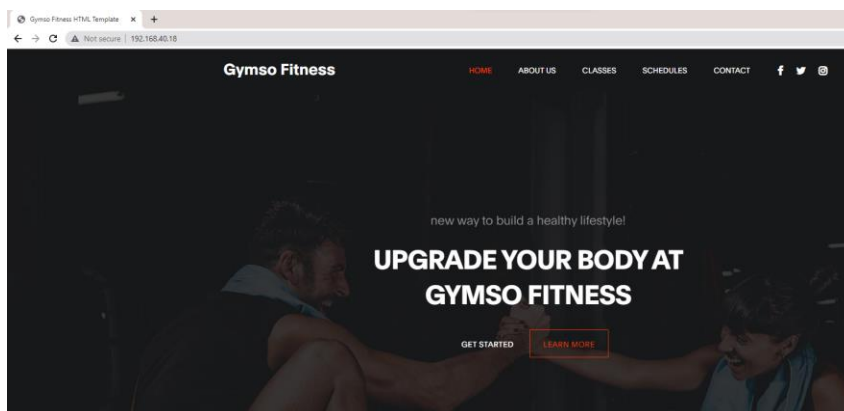
5. Go to the project directory in shell and run **Vagrant up**.

```
vagrant@10:~$  
default: cp: cannot stat '2119_gymso_fitness/*': No such file or directory  
  
satzw@LAPTOP-C4RG1671 MINGW64 /e/devops/Autovagrant/autowebsite  
$ vagrant destroy  
default: Are you sure you want to destroy the 'default' VM? [y/N] y  
default: Are you sure you want to destroy the 'default' VM? [y/N] y  
==> default: Forcing shutdown of VM...  
==> default: Destroying VM and associated drives...  
  
satzw@LAPTOP-C4RG1671 MINGW64 /e/devops/Autovagrant/autowebsite  
$ vagrant up  
Bringing machine 'default' up with 'virtualbox' provider...  
==> default: Importing base box 'geerlingguy/centos7'...  
==> default: Matching MAC address for NAT networking...  
==> default: Checking if box 'geerlingguy/centos7' version '1.2.26' is up to date...  
e...
```

6. **vagrant ssh** to get into the VM and **vagrant destroy** to destroy the machine.

```
vagrant@10:/tmp$  
satzw@LAPTOP-C4RG1671 MINGW64 /e/devops/Autovagrant/autowebsite  
$ vagrant ssh  
Last login: Mon Sep 19 12:47:42 2022 from 10.0.2.2  
[vagrant@10 ~]$ cd /tmp  
[vagrant@10 tmp]$ ls  
2119_gymso_fitness  
2119_gymso_fitness.zip  
ks-script-H768ys  
ks-script-z_Dbe  
packer-provisioner-ansible-local  
ssh-wly42gRBRz  
systemd-private-a8c8fec4bbe14b8eb523b2e172a3f2a8-chronyd.service-wly7R2  
systemd-private-a8c8fec4bbe14b8eb523b2e172a3f2a8-httpd.service-wD9s1U  
vagrant-shell  
vboxguest-Module.symvers  
yum.log  
[vagrant@10 tmp]$
```

7. Ip addr show in VM will give IP, then launch ip in browser.



To perform this in manually, follow the below steps:

1. Download a template from tooplate
2. create a directory and in shell do `vagrant init geerlingguy/centos7`
3. Edit the vagrant file, enable private and public network, configure vm memory
4. do `vagrant up`
5. `vagrant ssh ; sudo -i`
6. `yum install httpd wget unzip -y`
7. `systemctl start httpd`
8. `systemctl enable httpd`
9. `ip addr show`
- 10 place your index.html in `cd /var/www/html` or
Go to `cd /tmp/` and do `wget https://www.tooplate.com/zip-templates/2129_crispy_kitchen.zip`
11. unzip the file: `unzip 2129_crispy_kitchen.zip`
12. Go to 2129 directory
13. Copy the content to www.. `cp -r * /var/www/html`
14. restart httpd

For WordPress site, follow the below link:

<https://ubuntu.com/tutorials/install-and-configure-wordpress#6-configure-wordpress-to-connect-to-the-database>