

# ubuntu 18.04 安装 php 和 nginx 运行环境

#安装 php 和 nginx

```
sudo apt-get install nginx
```

```
sudo apt-get install php7.2
```

```
sudo apt-get install php7.2-fpm php7.2-mysql php7.2-curl php7.2-json php7.2-mbstring php7.2-xml php7.2-intl
```

#配置 nginx，使其支持 php

#注意，nginx 的总配置文件是/etc/nginx/nginx.conf，/etc/nginx/sites-available/default 是他的默认子站点配置。

```
sudo vim /etc/nginx/sites-available/default
```

增加 index.php，打开下面的 locate 配置即可（注意 locate 区域下图中没有打开的不要打开，会冲突）。

```
root /var/www/html;

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

server_name _;

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;
    #
    # With php-fpm (or other unix sockets):
    fastcgi_pass unix:/var/run/php/php7.2-fpm.sock;
    # With php-cgi (or other tcp sockets):
    fastcgi_pass 127.0.0.1:9000;
}
```

#防火墙开放 nginx

```
sudo ufw allow 'Nginx Full'
```

#重启 nginx

```
sudo systemctl restart nginx
```

#测试 php

```
cd /var/www
```

```
chmod -R 777 html/
```

```
ln -s /var/www/html/ /home/gavin/dev/php
```

```
cd /home/gavin/dev/php/html/  
vim index.php
```

#浏览器测试

ps.建议先配置下/etc/hosts 文件，设置下 hostname 方便以后测试

```
gavin@ag:~$ cat /etc/hosts  
127.0.0.1    localhost  
127.0.1.1    gdb  
127.0.0.1    ag  
127.0.0.1    djj.com www.djj.com
```

<http://localhost>

