

个人作业 3 —— 开源建站工具初试文档

检查环境

本次实验系统环境为 ubuntu22.04

安装 WordPress 需要 PHP, MySQL 和 Apache(或Nginx)环境, 目前环境如下:

```
PHP 8.1.31
apache 2.4.52
MySQL 5.7
```

下载 WordPress 并配置进 MySQL

下载WordPress并解压

```
wget https://wordpress.org/latest.zip
unzip latest.zip
```

由于使用 apache, 需要把文件放进/var/www/html/中, 同时赋予权限

```
sudo mv wordpress /var/www/html/
sudo chown -R www-data:www-data /var/www/html/wordpress
sudo chmod -R 755 /var/www/html/wordpress
```

登录 MySQL, 并创建wordpress对应的数据库

```
mysql -u root -p
```

```
CREATE DATABASE wordpress_db CHARACTER SET utf8mb4 COLLATE utf8mb4_general_ci;
CREATE USER 'wordpress_user'@'localhost' IDENTIFIED BY 'pwd';
GRANT ALL PRIVILEGES ON wordpress_db.* TO 'wordpress_user'@'localhost';
FLUSH PRIVILEGES;
```

配置 WordPress

先将自带的配置文件复制进目前的配置文件

```
sudo cp /var/www/html/wordpress/wp-config-sample.php /var/www/html/wordpress/wp-config.php
```

修改 wp-config.php 的内容, 修改数据库模板配置为刚刚新建的数据库配置

```
define('DB_NAME', 'wordpress_db');
define('DB_USER', 'wordpress_user');
define('DB_PASSWORD', 'pwd');
define('DB_HOST', 'localhost');
define('DB_CHARSET', 'utf8mb4');
define('DB_COLLATE', '');
```

配置 Apache

创建文件 /etc/apache2/sites-available/wordpress.conf

```
<VirtualHost *:80>
    ServerAdmin admin@YOURS.xyz
    DocumentRoot /var/www/html/wordpress
    ServerName http://10.134.14.237/

    <Directory /var/www/html/wordpress>
        Options Indexes FollowSymLinks
        AllowOverride All
        Require all granted
    </Directory>

    ErrorLog ${APACHE_LOG_DIR}/error.log
    CustomLog ${APACHE_LOG_DIR}/access.log combined
</VirtualHost>
```

之后启动 wordpress, 注意默认端口 80 被占用的话需要修改 wordpress 的默认端口(包括 wordpress.conf中的 <VirtualHost *:80>)

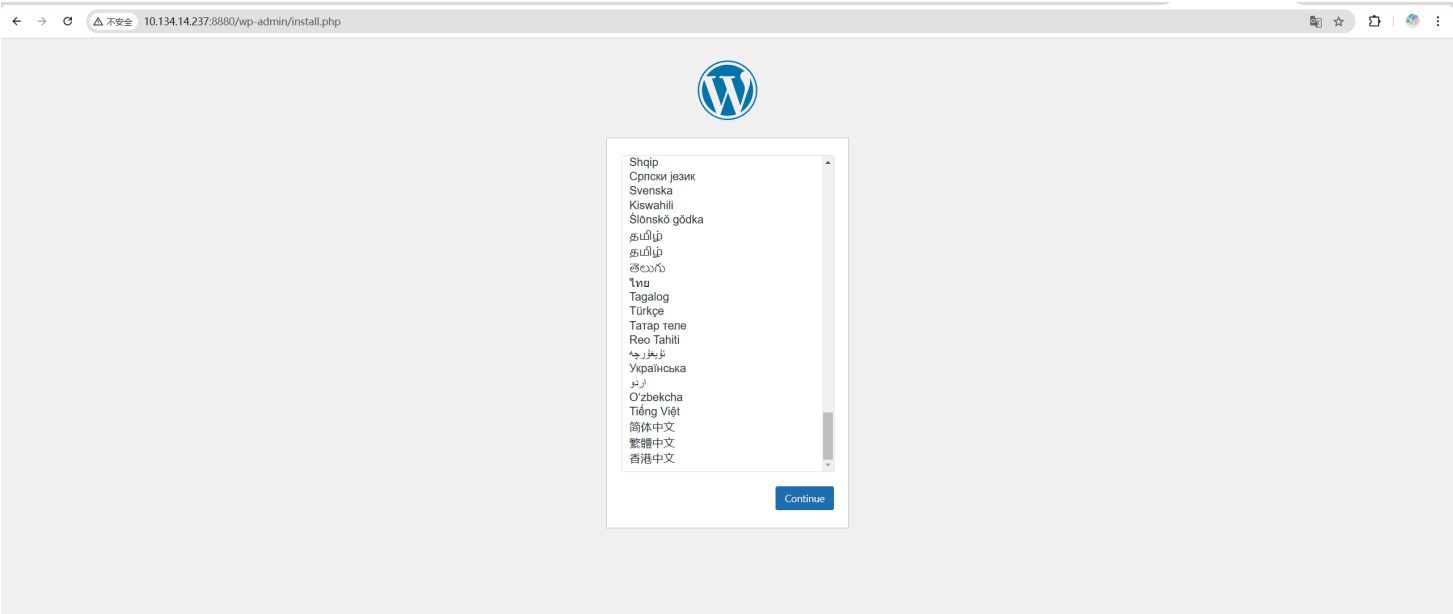
```
sudo a2ensite wordpress.conf
sudo a2enmod rewrite
sudo systemctl restart apache2
```

显示网站正常运行

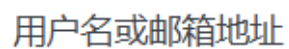
```
aakennes@asd:~/code/webdatabase/wordpress$ sudo systemctl status apache2
● apache2.service - The Apache HTTP Server
   Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset: enabled)
   Active: active (running) since Tue 2024-12-24 19:23:37 CST; 3s ago
     Docs: https://httpd.apache.org/docs/2.4/
  Process: 103937 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUCCESS)
 Main PID: 103941 (apache2)
    Tasks: 6 (limit: 18865)
   Memory: 35.0M
      CPU: 79ms
   CGroup: /system.slice/apache2.service
           └─103941 /usr/sbin/apache2 -k start
```

配置 WordPress

访问对应网址(端口需要设置为正确的端口):



注册后登录:



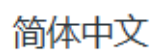
密码

☒ 记住我

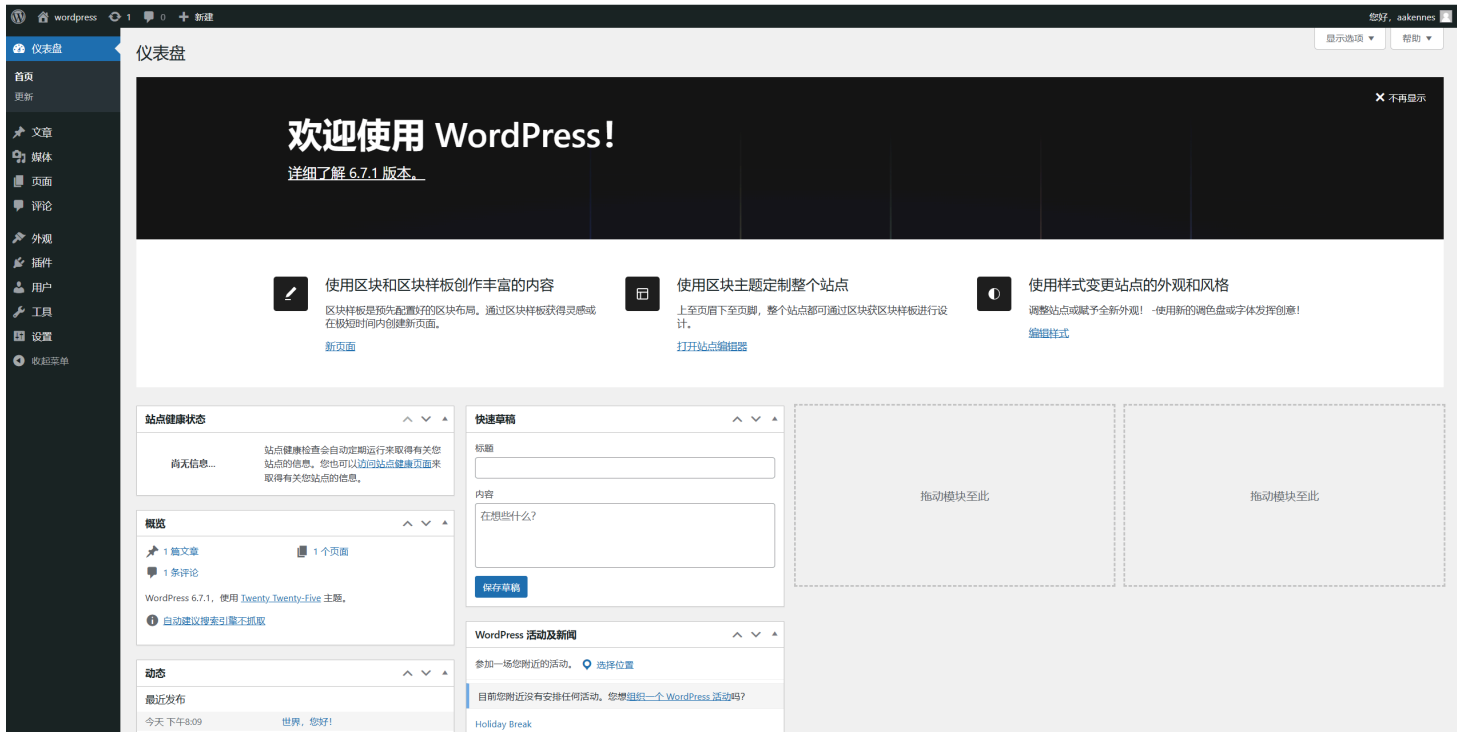
登录

[忘记密码?](#)

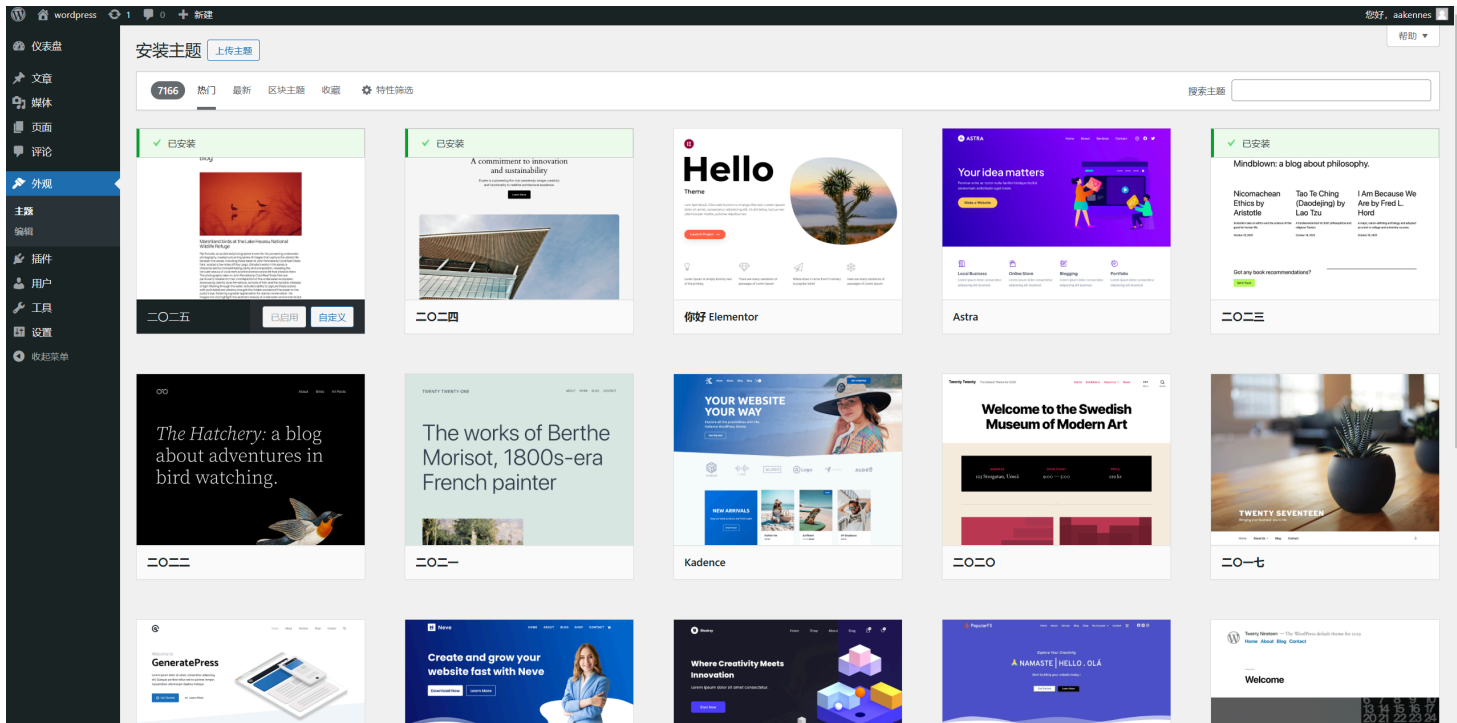
← 返回到 wordpress



更改



挑选主题



最终构建出网址

My'Blogs



Written by [aakennes](#) in [未分类](#)

时间不在于你拥有多少，而在于你怎样使用