

TOWiOS

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WORDPRESS (6.2.2) INSTALLATION - UBUNTU 23.04 LTS

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Note:

The following websites have been used for reference:

- <https://www.digitalocean.com/community/tutorials/install-wordpress-on-ubuntu>
- <https://www.youtube.com/watch?v=EmhsaJOoWkM>

The following instructions are to install Wordpress locally on Ubuntu.

If you use these instructions you do so at your own risk. They are not considered 'perfect', and are purely for testing purposes.

1> INSTALL SOFTWARE

Install packages for apache, mysql and php:

```
sudo apt install unzip php php-common libapache2-mod-php php-cli php-fpm php-mysql php-json  
php-opcache php-gmp php-curl php-intl php-mbstring php-xmlrpc php-gd php-xml php-zip mysql-client  
mysql-server
```

It will suggest additional packages and you will be asked to continue:

Do you want to continue? [Y/n] (Enter)

Note: At the time of writing, version 8.1 of php was installed. (Yours may be newer - make a note of the version.)

2> DOWNLOAD WORDPRESS

Download the latest .zip WordPress file:

<https://en-gb.wordpress.org/download/#download-install>

Extract the downloaded directory:

```
sudo unzip /home/username/Downloads/wordpress-6.2.2-en_GB.zip -d /var/www/html/
```

Note: Download the english gb version (en-gb).

Note: Enter the relevant username, and WordPress version (at the time of writing, it was 6.2.2).

3> WEB SERVER FILE PERMISSIONS

Set permissions for the web server:

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

4> PHP.INI CONFIG AND WEB SERVER START

Amend the php.ini file:

```
sudo nano /etc/php/8.1/apache2/php.ini
```

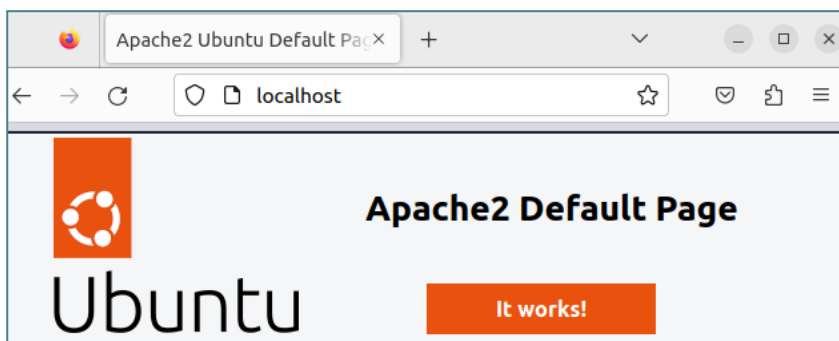
- Remove the comment (semi-colon ;) by line: **max_input_vars**
- Increase the size of **max_input_vars** to at least **5000**
- Locate **upload_max_filesize** and change value to = **40M**
- Locate **max_file_uploads** and change value to = **50**

Start the web server:

```
sudo service apache2 start
```

Check the webserver is running:

Load firefox and go to <http://localhost>



5> MYSQL SETUP

Start mysql:

```
sudo service mysql start
```

Log into mysql:

```
sudo mysql -u root -p
Enter password (enter)
```

Create database:

```
CREATE DATABASE wordpress_db;
```

Check database was created:

```
show databases;
```

Create database user:

```
CREATE USER 'wpuser'@'localhost' IDENTIFIED BY 'Password123!*';
```

Assign database permissions:

```
GRANT ALL PRIVILEGES ON wordpress_db.* TO 'wpuser'@'localhost';
```

Clear cache:

```
FLUSH PRIVILEGES;
```

Leave mysql:

```
quit;
```

Note: Anything underlined can be changed to suit your needs - but remember them for 'Step 6'. Highlighted details must match.

6> INSTALL WORDPRESS

Firefox, go to: <http://localhost/wordpress/>

1. You will need:

- Database name
- Database username
- Database password
- Database host
- Table prefix (if you want to run more than one WordPress in a single database)

(Let's Go!>)

2. Database Connection Details: (These will link back to step 5)

- Database Name*: `wordpress_db`
- Username*: `wpuser`
- Password*: `Password123!*`
- Database Host*: `localhost`
- Table Prefix: (Leave as default)

(Submit >)

(Run the installation >)

3. WordPress Installation process:

- a. **Site Title*:** *MySite*
- b. **Username*:** *superuser*
- c. **Set a password*:** *23PasswordComplex!*
- d. **Your email*:** *enter_your_email_address*
- e. **Search engine visibility:** *(Leave unchecked)*

(Install WordPress >)

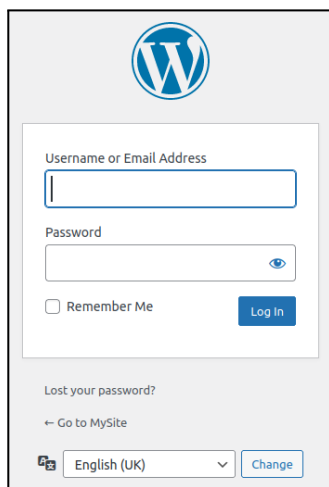
4. Success!

(Login in >)

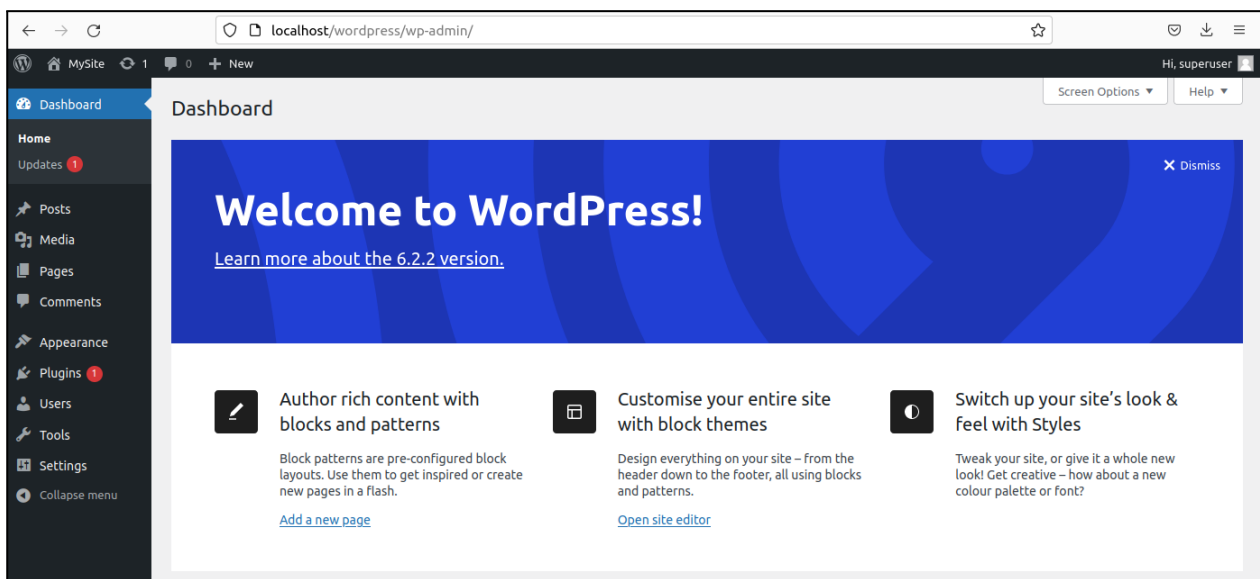
5. Installation complete:**a. Login to site:**

Username = superuser

Password = 23PasswordComplex!



The image shows the WordPress login form. At the top is the WordPress logo. Below it is a form with two input fields: 'Username or Email Address' and 'Password'. The 'Password' field has an eye icon to toggle visibility. Below the fields is a checkbox for 'Remember Me' and a 'Log In' button. At the bottom, there is a link for 'Lost your password?', a link to 'Go to MySite', and a language selector set to 'English (UK)' with a 'Change' button.

b. Welcome to WordPress: Dashboard


The image is a screenshot of the WordPress dashboard. The browser address bar shows 'localhost/wordpress/wp-admin/'. The top navigation bar includes 'Screen Options' and 'Help'. The left sidebar contains a menu with 'Dashboard' (active), 'Home', 'Updates' (1), 'Posts', 'Media', 'Pages', 'Comments', 'Appearance', 'Plugins' (1), 'Users', 'Tools', 'Settings', and 'Collapse menu'. The main content area has a large blue banner that says 'Welcome to WordPress!' with a link to 'Learn more about the 6.2.2 version.' Below the banner are three cards: 'Author rich content with blocks and patterns' (with a link to 'Add a new page'), 'Customise your entire site with block themes' (with a link to 'Open site editor'), and 'Switch up your site's look & feel with Styles'.

c. To view the webpage: Click on 'MySite' (top left corner) (Or whatever you named it at step 3a.)

localhost/wordpress/

MySite Edit site 1 0 + New Hi, superuser

MySite

Sample Page

Mindblown: a blog about philosophy.

Hello world!

Welcome to WordPress. This is your first post.
Edit or delete it, then start writing!

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Got any book recommendations?

Get In Touch

MySite

Proudly powered by [WordPress](#)

Note:

- To view the website: <http://localhost/wordpress/>
- To administer: <http://localhost/wordpress/wp-admin/>