

# WORDPRESS - INTRODUCTION

**Definition:** WordPress is an open source **Content Management System (CMS)**, which allows the users to build dynamic websites and blogs. WordPress is the most popular blogging system on the web and allows updating, customizing and managing the website from its back-end CMS and components.

## What is Content Management System (CMS)?

The **Content Management System (CMS)** is a software which stores all the data such as text, photos, music, documents, etc. and is made available on your website. It helps in editing, publishing and modifying the content of the website.

WordPress was initially released on 27th May, 2003 by Matt Mullenweg and Mike Little. WordPress was announced as open source in October 2009.

# Features

- ❖ **User Management:** It allows managing the user information such as changing the role of the users to (subscriber, contributor, author, editor or administrator), create or delete the user, change the password and user information. The main role of the user manager is **Authentication**.
- ❖ **Media Management:** It is the tool for managing the media files and folder, in which you can easily upload, organize and manage the media files on your website.
- ❖ **Theme System:** It allows modifying the site view and functionality. It includes images, stylesheet, template files and custom pages.

- ❖ **Extend with Plugins:** Several plugins are available which provides custom functions and features according to the users need.
- ❖ **Search Engine Optimization:** It provides several search engine optimization (SEO) tools which makes on-site SEO simple.

## **Advantages**

- ❖ Media files can be uploaded easily and quickly.
- ❖ It offers several SEO tools which makes on-site SEO simple.
- ❖ Customization is easy according to the user's needs.

## Disadvantages

- ❖ Using several plugins can make the website heavy to load and run.
- ❖ Sometimes software needs to be updated to keep the WordPress up-to-date with the current browsers and mobile devices. Updating WordPress version leads to loss of data, so it a backup copy of the website is required.
- ❖ Modifying and formatting the graphic images and tables is difficult.

# WORDPRESS - INSTALLATION

## System Requirements for WordPress

- ❖ **Database:** MySQL 7.3+
- ❖ **Web Server:** XAMPP (Windows)
- ❖ **Operating System:** Cross-platform
- ❖ **Browser Support:** IE (Internet Explorer 8+), Firefox, Google chrome, Safari, Opera
- ❖ **PHP Compatibility:** PHP 7.3+

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## Download WordPress:

When you open the link <https://wordpress.org/download/>, you will get to see a screen as the following snapshot below:

**Stable Download**

The latest stable release of WordPress (Version 4.3) is available in two formats from the links to your right. If you have no idea what to do with this download, we recommend signing up with one of our [web hosting partners](#) that offers a one-click install of WordPress or [getting a free account on WordPress.com](#).

**What's Next?**

With our famous 5-minute installation, setting up WordPress for the first time is simple. We've created a [handy guide](#) to see you through the installation process. If you're upgrading your existing installation, we've got a [guide for that](#), too. And should you run into any trouble along the way, our [support forums](#) are a great resource, where seasoned WordPress experts volunteer their time to help you get the most out of your blog.

**Download WordPress 4.3**  
zip — 5.6 MB  
Download tar.gz — 5.2 MB

**Release Notification**  
We've got a handy mailing list that we send a friendly message to whenever there's a new stable release for you to enjoy.

[Join](#)

Download the WordPress zip file from the official site.

## Create Store Database

WordPress requires MySQL database. So create a new empty database with user/password (for example, user as "root" and password as "root" or else you can set as per your convenience).

**Set Up Wizard** : It's very easy to set up WordPress into your system. The following steps describe how to set up WordPress locally on your system.

**Step (1):** Extract the downloaded WordPress folder and upload it into your web server or localhost.

**Step (2):** Open your browser and navigate to your WordPress file path, then you will get the first screen of the WordPress installer as shown in the following screen. In our case, the path is `localhost/< Your_WordPress_folder >`.



English (United States)  
العربية  
Azərbaycan dili  
Български  
Bosanski  
Català  
Cymraeg  
Dansk  
Deutsch (Schweiz)  
Deutsch

Wordpress Installation

Choose Language and Continue



Welcome to WordPress. Before getting started, we need some information on the database. You will need to know the following items before proceeding.

1. Database name
2. Database username
3. Database password
4. Database host
5. Table prefix (if you want to run more than one WordPress in a single database)

We're going to use this information to create a `wp-config.php` file. If for any reason this automatic file creation doesn't work, don't worry. All this does is fill in the database information to a configuration file. You may also simply open `wp-config-sample.php` in a text editor, fill in your information, and save it as `wp-config.php`. Need more help? [We got it.](#)

In all likelihood, these items were supplied to you by your Web Host. If you do not have this information, then you will need to contact them before you can continue. If you're all ready...

Let's go!

Click on **Let's go!**

Here, you have to enter the information about the MySQL database as described in the following screen.

Below you should enter your database connection details. If you're not sure about these, contact your host.

Database Name

The name of the database you want to run WP in.

User Name

Your MySQL username

Password

...and your MySQL password.

Database Host

You should be able to get this info from your web host, if `localhost` does not work.

Table Prefix

If you want to run multiple WordPress installations in a single database, change this.

Submit

**Database Name:** Enter the database name which you have created in MySQL database for WordPress.

**Username:** Enter the user name of your MySQL database.

**Password:** Enter the password which you had set for MySQL database.

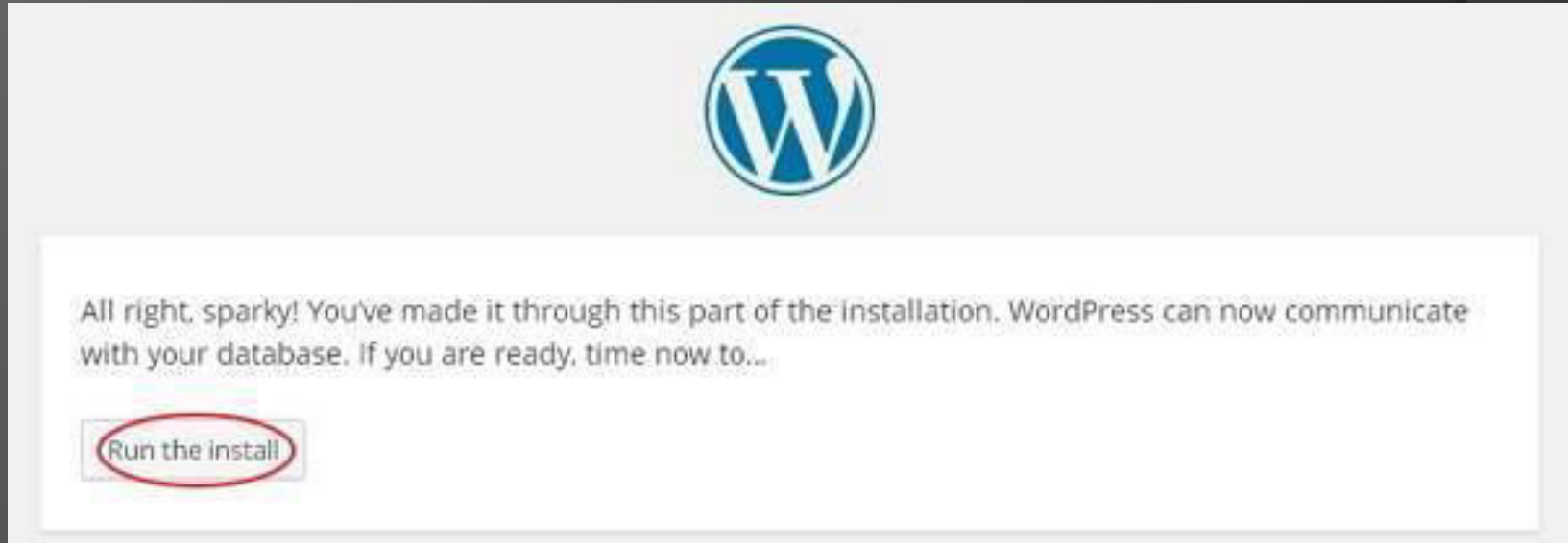
**Database Host:** Write the host name, by default it will be localhost.

**Table Prefix:** It is used to add prefix in the database tables which helps to run multiple sites on the same database.

It takes the default value.

After filling all information, click on **Submit** button.

WordPress checks the database setting and gives you the confirmation screen as shown in the following snapshot.



Click on **Run the install**

# Enter administrative information.



## Welcome

Welcome to the famous five-minute WordPress installation process! Just fill in the information below and you'll be on your way to using the most extendable and powerful personal publishing platform in the world.

## Information needed

Please provide the following information. Don't worry, you can always change these settings later.

Site Title

Username

usernames can have only alphanumeric characters, spaces, underscores, hyphens, periods, and the @ symbol.

Password, twice

A password will be automatically generated for you if you leave this blank.

**Strong**

Hint: The password should be at least seven characters long. To make it stronger, use upper and lower case letters, numbers, and symbols like ! " \$ % ' & ;

Your E-mail

Double-check your email address before continuing.

Privacy  Allow search engines to index this site.

It contains the following fields:

- ❖ **Site Title:** Enter the name of the site which you are going to create in WordPress.
- ❖ **Username:** Enter the username as per your choice while logging in the WordPress.
- ❖ **Password twice:** Enter password two times to protect your site.
- ❖ **Your E-mail:** Enter your e-mail address which helps to recover the password or any update.

❖ **Privacy:** It allows the search engine to index this site after checking the checkbox.

After filling all the information, click on the **Install WordPress** button.

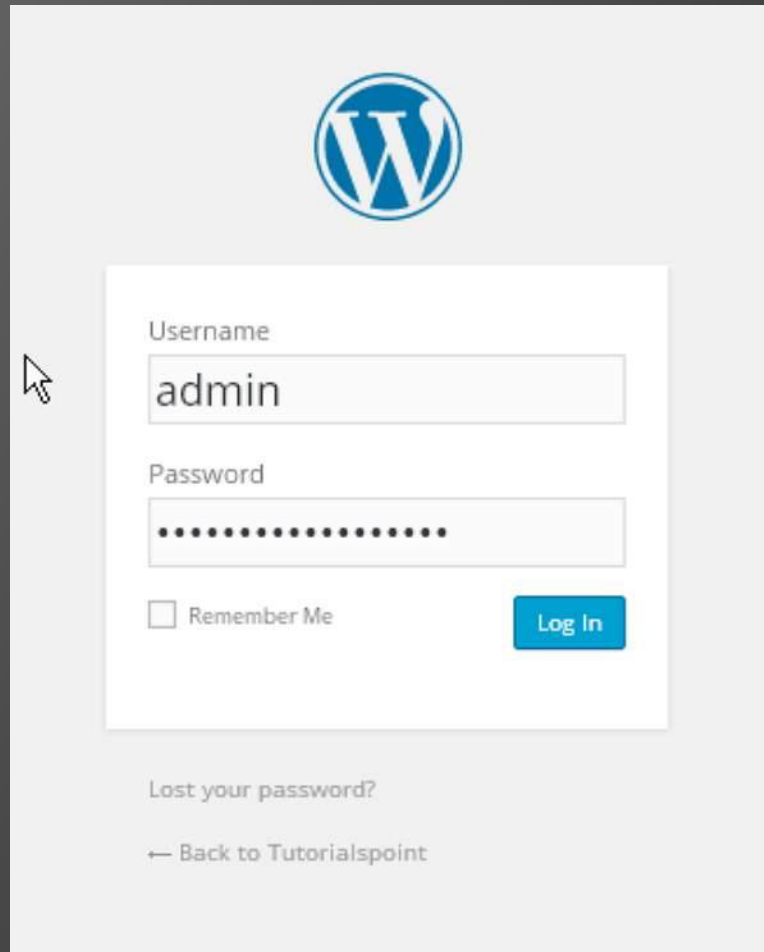
After installation being successful, you will get a screen of the stating success as seen in the following screen.



You can view your username and password detail added in WordPress.

Click on **Log In** button.

After clicking on login, you will get a WordPress Admin Panel as depicted in the following screen.



The screenshot shows the WordPress login interface. At the top center is the WordPress logo. Below it is a white login form with the following elements:

- Username:** A text input field containing the text "admin".
- Password:** A text input field with masked characters represented by dots.
- Remember Me:** A checkbox followed by the text "Remember Me".
- Log In:** A blue button with the text "Log In".

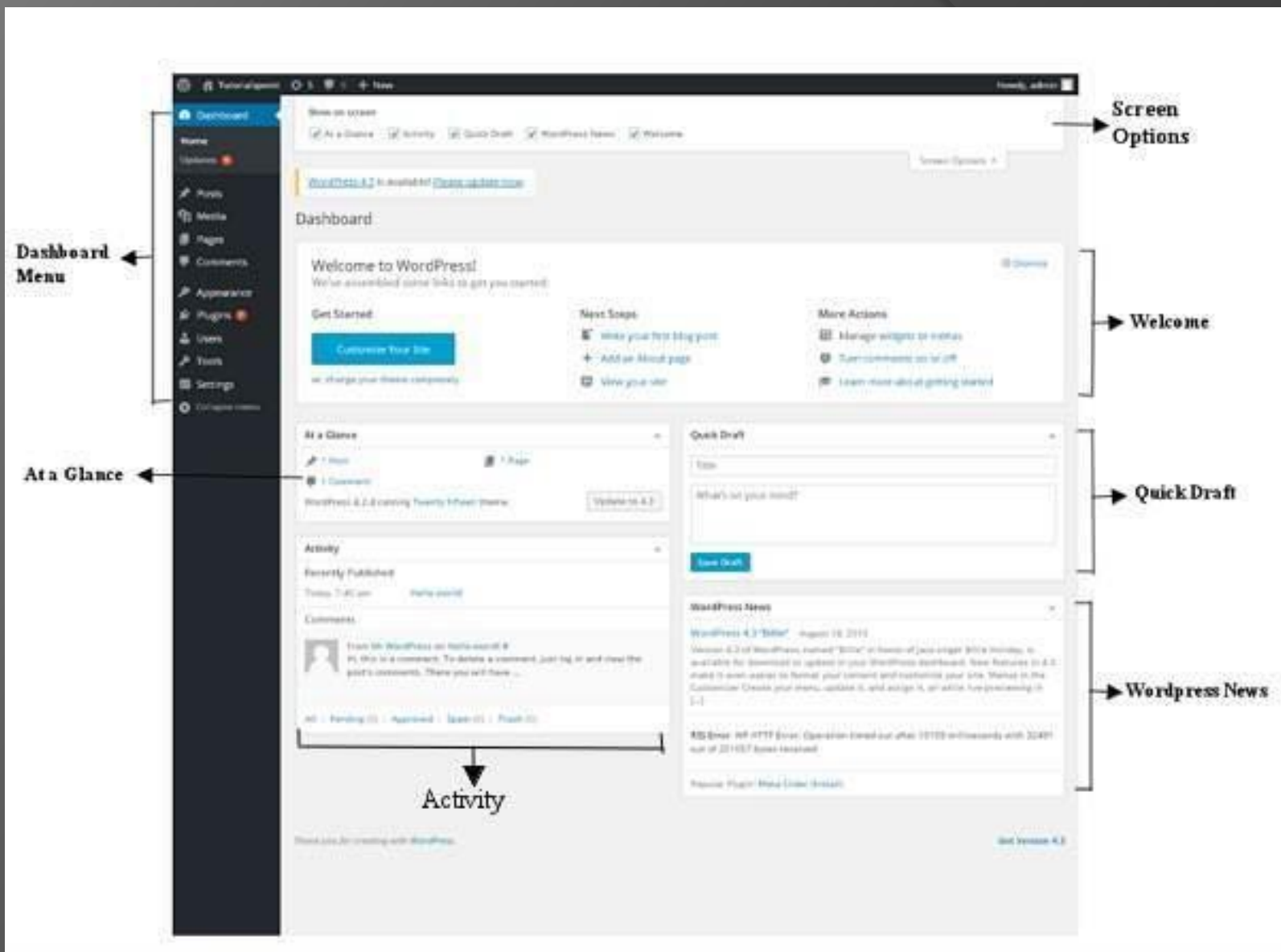
Below the login form, there are two links:

- [Lost your password?](#)
- [← Back to Tutorialspoint](#)

**Enter the username and password which you had mentioned during installation as shown in step 6 and click on the Log In button.**

# WORDPRESS DASHBOARD

The WordPress Dashboard is a first screen which will be seen when you log into the administration area of your blog which will display the overview of the website. It is a collection of gadgets that provide information and provide an overview of what's happening with your blog. You can customize your needs by using some quick links such as writing quick draft, replying to latest comment, etc. Dashboard can be categorized as shown in the following snapshot. Each of these categories are discussed in the following sections:



## Dashboard Menu

The WordPress Dashboard provides navigation menu that contains some menu options such as posts, media library, pages, comments, appearance options, plugins, users, tools and settings on the left side.

**THE END**