



TRƯỜNG ĐẠI HỌC BÁCH KHOA HÀ NỘI
HANOI UNIVERSITY OF SCIENCE AND TECHNOLOGY

TÌM HIỂU, CÀI ĐẶT, THỬ NGHIỆM CÁC MỞ RỘNG CƠ BẢN CỦA WORDPRESS

Nhóm 17

Nguyễn Đình Quang

- TỔNG QUAN
- CÀI ĐẶT MÔI TRƯỜNG
- LÀM QUEN VỚI WORDPRESS
- KẾT LUẬN
- THẢO LUẬN

1. Wordpress là gì?

- WordPress là một hệ thống quản trị nội dung (CMS) được dùng chủ yếu để xuất bản blog
- WordPress có mã nguồn mở, viết bằng ngôn ngữ lập trình PHP và sử dụng hệ quản trị cơ sở dữ liệu MySQL

2. Công dụng của wordpress.

- Viết blog, ngoài ra còn có thể Tạo các site tin tức, bán hàng, khảo sát ý kiến...


3. Bản quyền.

- Wordpress được phát hành dưới dạng Giấy phép Tài liệu Tự do GNU.
- Giấy phép Tài liệu Tự do GNU cung cấp cho người đọc quyền sao chép, tái phân phối và chỉnh sửa một tác phẩm và đòi hỏi tất cả các bản sao và tác phẩm phái sinh phải có thể được sử dụng với cùng giấy phép.
- Những bản sao có thể được bán thương mại, nhưng nếu được sản xuất với số lượng lớn (hơn 100), thì người nhận tác phẩm phải được phép truy xuất tài liệu gốc hoặc mã nguồn.

CÀI ĐẶT MÔI TRƯỜNG

- Bước 1: Cài đặt LAMP
 - Cài đặt apache2 với câu lệnh: `sudo apt-get install apache2`
 - Cài đặt PHP: `sudo apt-get install php7 libapache2-mod-php7`
 - Cài đặt MySQL: `sudo apt-get install mysql-server`
 - Cài đặt phpMyAdmin: `sudo apt-get install libapache2-mod-auth-mysql php5-mysql phpMyAdmin`
- Bước 2: Cài đặt Wordpress
 - Download wordpress và giải nén vào thư mục `var/www/html/`
 - Tạo Database Schema
 - Cấu hình file `wp-config.php` với user, password, url đến database
 - Mở trình duyệt lên truy cập vào: `http://localhost/wordpress` để tiến hành cài đặt .

LÀM QUEN VỚI WORDPRESS

 Linux vs PMNM 3 0 + New

Howdy, quangnd

I can tell, Dolly

Screen Options

Help

Dashboard

Home

Updates 3

Posts

Media

Pages

Comments

Everest Forms

Appearance

Plugins 2

Users

Tools

Settings

Collapse menu

Dashboard

A new, modern publishing experience is coming soon.

Take your words, media, and layout in new directions with Gutenberg, the WordPress editor we're currently building.

Test the new editor today.

You can take Gutenberg for a spin (and share your feedback, if you'd like) before we officially release it, by installing it as a plugin. You can help by [testing](#), [filing bugs](#), or contributing on the [GitHub repository](#).

[Learn more about Gutenberg](#)

Not quite ready?

The new editor will be enabled by default in the next major release of WordPress. If you're not sure how compatible your current themes and plugins are, we've got you covered. Install the [Classic Editor plugin](#) to keep using the current editor until you're ready to make the switch.

Welcome to WordPress!

We've assembled some links to get you started:

Get Started

Next Steps

More Actions

5

×

Published

You are customizing

Linux vs PMMNM

Active theme

Akarsh Blog

Change

Typography

>

Site Identity

>

Colors

>

Header Image

>

Menus

>

Widgets

>

Homepage Settings

>

Blog Page

>

Category Page

>

Hide Controls

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HANOI UNIVERSITY OF SCIENCE AND TECHNOLOGY

Linux vs PMMNM

Just another WordPress site

Home

Linux

PHP

Java

Tester

WordPress

About Us

Search ...

Recent Posts

Tester

November 29, 2018

quangnd

2 Comments

Java

November 29, 2018

quangnd

Leave a Comment

Software Testing | Basics


Software testing can be stated as the process of verifying and validating that a software or application is bug free, meets the technical requirements as guided by it's design and development and meets the user requirements effectively and efficiently with [...]


[Continue reading →](#)


Memento Design Pattern in Java


Memento design pattern is one of the behavioral design pattern. Memento design pattern is used when we want to save the state of an object so that we can restore later on. Memento pattern is used to implement this in such a [...]

(TIẾP THEO)

 Linux vs PMNM

 3

 0

 New

Dashboard

Posts

Media

Pages

Comments

Everest Forms

Appearance

Themes

Customize

Widgets

Menus

Header

Background

Demo Importer

About ColorMag

Install Plugins

Editor

Plugins 2

Howdy, quangnd

I feel the room swayin'

Help

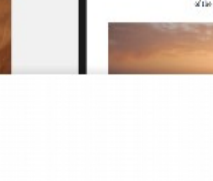


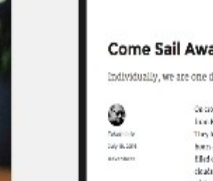


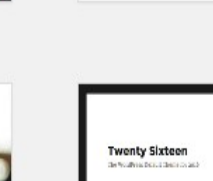
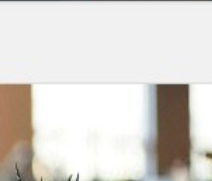
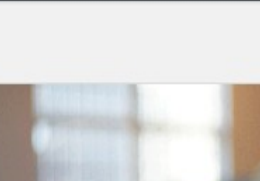


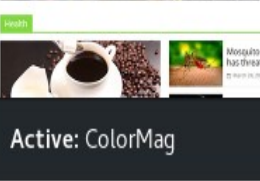



Themes 5

Add New

Search installed themes...




New version available. [Update now](#)

SPORTS POLITICS TECHNOLOGY HEALTH REGION



Destruction in Montana

Health



Mosquito-borne diseases has threaten world

Active: ColorMag

Customize

Parole 2015

Twenty Fifteen

Twenty Sixteen

2015

12 Answering Phones is Your Top Concern, Don't Worry

15 of the Most Expensive Cars in the World Right Now

16 Movie Review: The 12 Black History Month Party

17 The Most Tips That Absolutely Everyone Should Know About

18 17

19 Best Love Quotes that make you Cry

20 Google: Why Did Google News that use Hierarchy

21 The Revolutionary Smart Space 3D can make the Space out of Space

22 Why Making the Most of a Day is the Best

23 Ode to the Most Beautiful Birthday with the Greatest Light Show

24 The Most Beautiful Birthday with the Greatest Light Show

25 The Most Beautiful Birthday with the Greatest Light Show

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100 The Most Beautiful Birthday with the Greatest Light Show





Twenty Fifteen


The Myth of the Pier

Twenty Sixteen

Come Sail Away with Me

9

 Linux vs PMNM  3  0  New

Howdy, quangnd 

Have a little faith in me, fellas

Screen Options ▾

Help ▾

Dashboard

Posts

All Posts

Add New

Categories

Tags

Media

Pages

Comments

Everest Forms

Appearance

Plugins 2

Users

Tools

Settings

Collapse menu

Posts [Add New](#)

All (1) | [Published \(1\)](#)

Bulk Actions ▾




Apply

All dates ▾

All Categories ▾

Filter

1 item

<input type="checkbox"/> Title	Author	Categories	Tags		Date
<input type="checkbox"/> Hello world!	quangnd	Uncategorized	—	 2	Published 2018/10/15
<input type="checkbox"/> Title	Author	Categories	Tags		Date

Bulk Actions ▾

Apply

1 item

Thank you for creating with [WordPress](#).

Version 4.9.8

The screenshot shows the WordPress 'Edit Post' interface. At the top, there's a navigation bar with 'Linux vs PMMNM', '2' comments, and a 'New View Post' button. The user 'Howdy, quangnd' is logged in. The left sidebar contains a menu with 'Dashboard', 'Posts' (active), 'All Posts', 'Add New', 'Categories', 'Tags', 'Media', 'Pages', 'Comments', 'Forums', 'Topics', 'Replies', 'Appearance', 'Plugins' (1), 'Users', 'Tools', and 'Settings'. The main content area is titled 'Edit Post' with an 'Add New' button. The post title is 'Software Testing | Basics'. Below the title is the permalink: <http://linuxvspmmnm.com/2018/11/29/software-testing-basics/> with an 'Edit' button. There's an 'Add Media' button and tabs for 'Visual' and 'Text' editors. A rich text editor toolbar is visible with options for Paragraph, Bold, Italic, Quote, List, Link, Unlink, Undo, Redo, Bulleted List, Numbered List, Table, Table of Contents, Link, Unlink, and Code. The post content consists of two paragraphs: 'Software testing can be stated as the process of verifying and validating that a software or application is bug free, meets the technical requirements as guided by it's design and development and meets the user requirements effectively and efficiently with handling all the exceptional and boundary cases.' and 'The process of software testing aims not only at finding faults in the existing software but also at finding measures to improve the software in terms of efficiency, accuracy and usability. It mainly aims at measuring specification, functionality and performance of a software program or application.' On the right, the 'Publish' panel shows the status as 'Published', visibility as 'Public', and published on 'Nov 29, 2018 @ 17:19'. There are buttons for 'Preview Changes', 'Move to Trash', and 'Update'. Below the 'Publish' panel is the 'Format' panel with options: Standard (selected), Video, Quote, Gallery, and Audio. At the bottom is the 'Categories' panel.

Linux vs PMMNM 2 0 + New View Post Howdy, quangnd

Dashboard Posts All Posts Add New Categories Tags Media Pages Comments Forums Topics Replies Appearance Plugins 1 Users Tools Settings

Edit Post Add New

Software Testing | Basics

Permalink: <http://linuxvspmmnm.com/2018/11/29/software-testing-basics/> Edit

Add Media Visual Text

File Edit View Insert Format Tools Table

Paragraph B I “ ” List Link Unlink Undo Redo Bulleted List Numbered List Table Table of Contents Link Unlink Code

Noto Serif 13pt

Software testing can be stated as the process of verifying and validating that a software or application is bug free, meets the technical requirements as guided by it's design and development and meets the user requirements effectively and efficiently with handling all the exceptional and boundary cases.

The process of software testing aims not only at finding faults in the existing software but also at finding measures to improve the software in terms of efficiency, accuracy and usability. It mainly aims at measuring specification, functionality and performance of a software program or application.

Publish

Preview Changes

Status: Published Edit

Visibility: Public Edit

Published on: Nov 29, 2018 @ 17:19 Edit

Move to Trash Update

Format

Standard Video Quote Gallery Audio

Categories

(TIẾP THEO)

The screenshot shows the WordPress administration interface. At the top, a dark header bar contains the site name 'Linux vs PMMNM', a notification bell with '3' alerts, and a user profile for 'Howdy, quangnd'. Below the header, a left sidebar lists navigation options: Dashboard, Posts, Media, Pages, Comments, Everest Forms, Appearance, Plugins (with a red update indicator), Users, Tools, and Settings (highlighted in blue). The main content area is titled 'General Settings' and features a green success message 'Settings saved.' at the top. The settings are organized into sections: Site Title (set to 'Linux vs PMMNM'), Tagline (set to 'Just another WordPress site'), WordPress Address (URL) and Site Address (URL) (both set to 'http://linuxvspmmnm.com'), Email Address (set to 'quangkhnk59@gmail.com'), Membership (with 'Anyone can register' unchecked), New User Default Role (set to 'Subscriber'), Site Language (set to 'English (United States)'), and Timezone (set to 'UTC+7'). A note about timezones is present. At the bottom, the 'Date Format' section shows four options: 'November 29, 2018' (selected), '2018-11-29', '11/29/2018', and '29/11/2018', each with a corresponding format code.

Linux vs PMMNM 3 New Howdy, quangnd

While the band's playin' Help

General Settings

Settings saved.

Site Title Linux vs PMMNM

Tagline Just another WordPress site
In a few words, explain what this site is about.

WordPress Address (URL) http://linuxvspmmnm.com

Site Address (URL) http://linuxvspmmnm.com
Enter the address here if you [want your site home page to be different from your WordPress installation directory](#).

Email Address quangkhnk59@gmail.com
This address is used for admin purposes. If you change this we will send you an email at your new address to confirm it. The new address will not become active until confirmed.

Membership ☐ Anyone can register


New User Default Role Subscriber ▼

Site Language English (United States) ▼

Timezone UTC+7 ▼
Choose either a city in the same timezone as you or a UTC timezone offset.
Universal time (UTC) is 2018-11-29 06:41:08. Local time is 2018-11-29 13:41:08.

Date Format


- ☒ November 29, 2018 F j, Y
- ☐ 2018-11-29 Y-m-d
- ☐ 11/29/2018 m/d/Y
- ☐ 29/11/2018 d/m/Y

 Linux vs PMNM

3

0

+ New

Howdy, quangnd 

Dashboard

Posts

Media

Pages

Comments

Everest Forms

Appearance

Plugins 2

Installed Plugins

Add New

Editor

Users

Tools

Settings



Collapse menu

All (6) | Active (6) | Update Available (2)

Search installed plugins...

Bulk Actions ▾ Apply

6 items

<input type="checkbox"/>	Plugin	Description
<input type="checkbox"/>	Akismet Anti-Spam Settings Deactivate	Used by millions, Akismet is quite possibly the best way in the world to protect your blog from spam . It keeps your site protected even while you sleep. To get started, just go to your Akismet Settings page to set up your API key. Version 4.0.8 By Automatic View details
<div> There is a new version of Akismet Anti-Spam available. View version 4.1 details or update now.</div>		
<input type="checkbox"/>	Easy Google Fonts Settings Deactivate	A simple and easy way to add google fonts to your WordPress theme. Version 1.4.3 By Titanium Themes View details
<input type="checkbox"/>	Everest Forms Settings Deactivate	Drag and Drop form builder to easily create contact forms and more. Version 1.3.3 By WPEverest View details Docs Free support
<div> There is a new version of Everest Forms available. View version 1.3.4 details or update now.</div>		
<input type="checkbox"/>	Hello Dolly Deactivate	This is not just a plugin, it symbolizes the hope and enthusiasm of an entire generation summed up in two words sung most famously by Louis Armstrong: Hello, Dolly. When activated you will randomly see a lyric from Hello, Dolly in the upper right of your admin screen on every page. Version 1.7 By Matt Mullenweg View details
<input type="checkbox"/>	ThemeGrill Demo Importer Demo Importer Deactivate	Import ThemeGrill official themes demo content, widgets and theme settings with just one click. Version 1.5.5 By ThemeGrill View details Docs Free Support

Linux vs PMMNM 3 0 + New Howdy, quangnd

While the band's playin' Help ▾

Dashboard

Posts

Media

Pages

Comments

Everest Forms

Appearance

Plugins 2

Installed Plugins

Add New

Editor

Users

Tools

Settings


Collapse menu

Add Plugins [Upload Plugin](#)

Featured Popular Recommended Favorites

Keyword ▾ Search plugins...

Plugins extend and expand the functionality of WordPress. You may automatically install plugins from the [WordPress Plugin Directory](#) or upload a plugin in .zip format by clicking the button at the top of this page.



Akismet Anti-Spam

Akismet checks your comments and contact form submissions against our global database of spam to protect you and your site from malicious content.


By [Automattic](#)

★★★★★ (793)

1+ Million Active Installations

Update Now

[More Details](#)



Jetpack by WordPress.com

The ideal plugin for stats, related posts, search engine optimization, social sharing, protection, backups, security,...


By [Automattic](#)

★★★★★ (1,342)

1+ Million Active Installations

Install Now

[More Details](#)




Gutenberg

A new editing experience for WordPress is in the works, with the goal of making it easier than ever to make your words, pictures, and layout look just ...

Install Now

[More Details](#)



Classic Editor

Restores the Classic Editor and the old-style Edit Post screen layout (TinyMCE, Meta boxes, etc.)....

By [WordPress Contributors](#)

Install Now

[More Details](#)

Last Updated: 2 weeks ago

✓ Compatible with your version of WordPress

Last Updated: 2 days ago

✓ Compatible with your version of WordPress

12

(TIẾP THEO)

WordPress icon

Linux vs PMMNM

2

0

New

Howdy, quangnd

Dashboard

Posts

Media

Pages

Comments

Forums

Topics

Replies

Appearance

Themes

Customize

Widgets

Menus

Header

Akarsh Blog

Editor

Plugins 1

Edit Themes

Akarsh Blog: Single Post (single.php)

Select theme to edit: Akarsh Blog

Select

Selected file content:

```
1 <?php
2 /**
3  * The template for displaying all single posts and attachments
4  *
5  * @package WordPress
6  * @subpackage Akarsh_Blog
7  * @since Akarsh Blog 1.0
8  */
9
10 get_header(); ?>
11
12 <div id="primary" class="content-area">
13     <main id="main" class="site-main" role="main">
14
15     <?php
16         // Start the loop.
17         while ( have_posts() ) : the_post(); ?>
18
19         <div class="clear">
20             <?php get_template_part( 'template-parts/content', 'media' ); ?>
21             <div class="akarsh-medium-12 akarsh-columns">
```

Theme Files

(footer.php)

Theme Header

(header.php)

Image Attachment Template

(image.php)

Main Index Template

(index.php)

Single Page

(page.php)

Search Results

(search.php)

Sidebar

(sidebar.php)

Single Post

(single.php)

template-parts ▶

readme.txt

Documentation: Function Name... Look Up

Update File



Linux vs PMMNM

Just another WordPress site

Home

Linux

PHP

Java

Tester

WordPress

About Us

Tester

🕒 November 29, 2018

👤 quangnd

💬 2 Comments

Java

🕒 November 29, 2018

👤 quangnd

💬 Leave a Comment

Software Testing | Basics

Software testing can be stated as the process of verifying and validating that a software or application is bug free, meets the technical requirements as guided by it's design and development and meets the user requirements effectively and efficiently with [...]

[Continue reading →](#)

Memento Design Pattern in Java

Memento design pattern is one of the behavioral design pattern. Memento design pattern is used when we want to save the state of an object so that we can restore later on. Memento pattern is used to implement this in such a [...]

- Hệ thống Plugin phong phú và không ngừng cập nhật, ngoài ra người dùng có thể viết Plugin hoặc tích hợp code vào Wordpress ;
- Cập nhật phiên bản liên tục, dễ cập nhật, cộng đồng hỗ trợ lớn .
- Hệ thống theme, plug-in,... đồ sộ, việc tạo trang và quản lý trang wordpress dễ dàng.

Q&A



- [Wordpress] – <https://wordpress.org>.
- [Wikipedia] - <https://wikipedia.org>.
- [Debian] - <https://www.debian.org>.
- [Mysql Server] - <https://dev.mysql.com>.

**Cám ơn thầy và các
bạn đã lắng nghe!**

