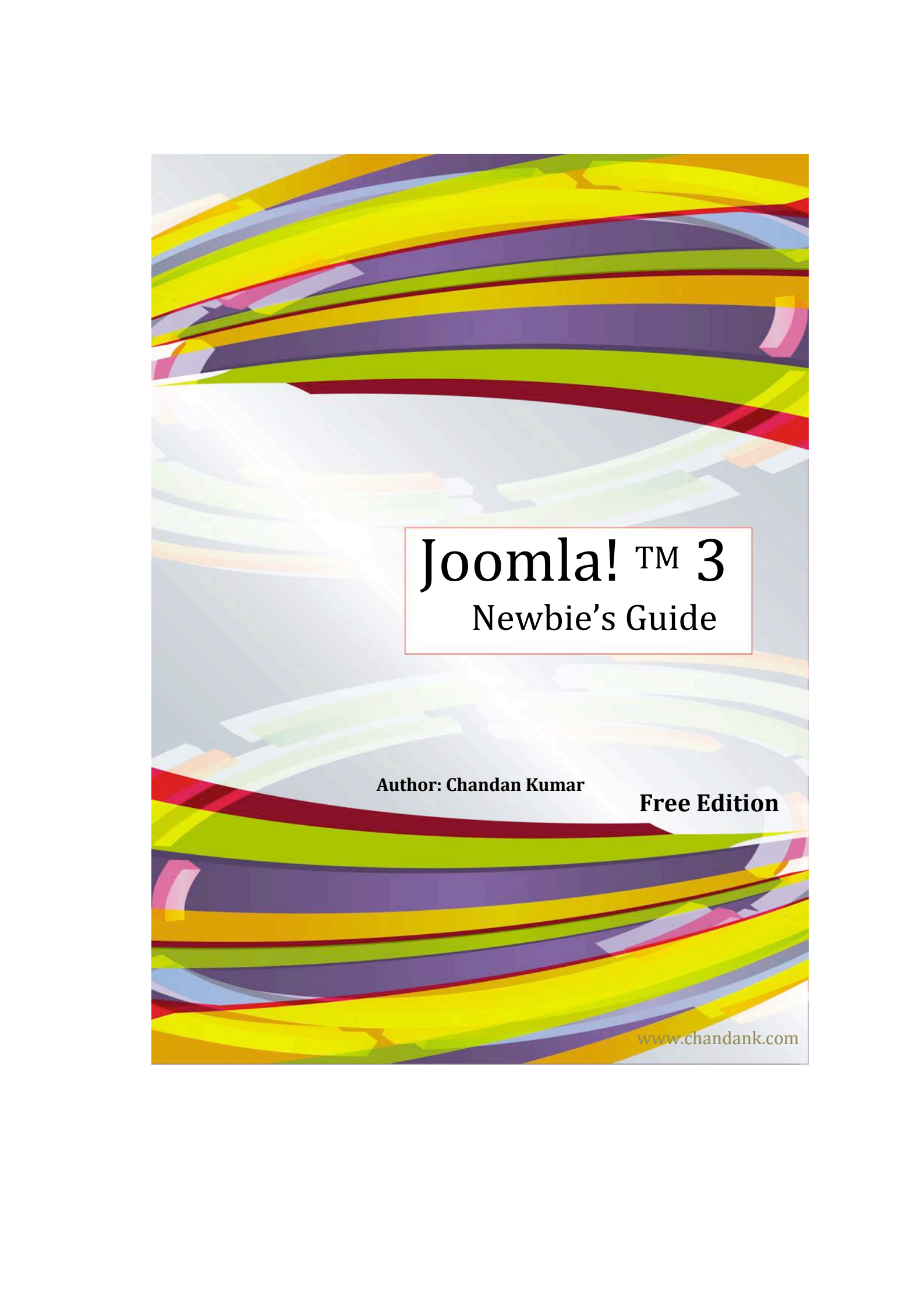




Joomla!™ 3

Newbie's Guide

Author: Chandan Kumar

Free Edition

www.chandank.com

Contents

Preface	5
Acknowledgments.....	5
About me	5
Comments welcome	5
Introduction.....	6
What is Joomla? ¹	6
Who uses Joomla?	7
<i>MTV Networks Quizilla –</i>	<i>8</i>
<i>IHOP (Restaurant chain).....</i>	<i>9</i>
<i>Harvard University</i>	<i>10</i>
What's new in Joomla 3?	11
<i>Mobile Ready</i> ²	<i>11</i>
<i>User Friendly.....</i>	<i>13</i>
<i>Developer Tools.....</i>	<i>13</i>
<i>A whole Lot More!</i> ³	<i>13</i>
Download & Installation	14
Pre-requisite	14
Download	14
Installation Technique.....	15
Installation using cPanel.....	15
Installation using Joomla Web Installer	19
Joomla Administrator	24
System.....	26
Control Panel	26
Global Configuration.....	27
<i>Site.....</i>	<i>27</i>
<i>System</i>	<i>28</i>
<i>Server</i>	<i>29</i>
<i>Permission</i>	<i>31</i>
<i>Text Filters.....</i>	<i>31</i>
Global Check-In.....	32
System Information.....	33
Users	34
User Manager.....	34
Group.....	36
Mass Mail Users	36
Menus	37
Menu Manager	37
Content	38
<i>Article Manager.....</i>	<i>38</i>
Category Manager	42

Joomla! 3 Newbie's Guide

Featured Articles.....	44
Media Manager	44
Components.....	44
Banners	45
Contacts	45
Joomla Update	48
Messaging	49
News Feed.....	49
Redirect.....	49
Search.....	49
Smart Search	49
Web Links.....	49
Extensions.....	50
Extension Manager	50
<i>Install</i>	51
<i>Update</i>	53
<i>Manage</i>	54
<i>Discover</i>	54
<i>Database</i>	55
<i>Warnings</i>	55
<i>Install languages</i>	56
Module Manager.....	56
Plug-in Manager.....	58
Template Manager.....	58
Language Manager.....	59
How to?	59
How to install template?.....	59
How to change default template?	60
How to change module position on front-end Website?	60
How to publish/unpublish Module?.....	62
How to create Custom HTML Module?.....	62
How to secure Joomla! ?.....	64
Resource	65



Preface

This **Joomla 3! Newbie's Guide** provides website designer and administrator with the knowledge to install, configure, implement, troubleshoot & perform maintenance Joomla 3 Content Management System.

Acknowledgments

I want to thank my mentor and friends for their advice and encouragement. I hope everyone who uses this book enjoys working on Joomla as I do.

Above all I want to thank my wife, Rity and the rest of my family and friends, who supported and encouraged me in spite of all the time it took me away from them.

About me

My name is Chandan Kumar, and I live in Singapore. Accomplished and energetic technical and business professional experience in leading complex projects and managing cross-border Human Capital to optimize enterprise technology and processes. I believe in Learn, Share & Inspire philosophy so this book is outcome of that. My attempt to help people and business.

I received my bachelor degree in Arts from Magadh University and International MBA from Arcadia University.

Comments welcome

Your feedback is important to me!

I want my book to be as helpful as possible. Please send me your comments about this book

- Online contact

<http://www.chandank.com/contact-chandan>

- Email to

talk@chandank.com

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<http://www.chandank.com>

Introduction

What is Joomla? ¹

Joomla is a content management system, which enables you to build powerful Web sites and applications. Ease-of-use and extensibility have made Joomla the most popular Web site software available. Joomla is an open source solution that is freely available to everyone. You can build a powerful Website in just few minutes with Joomla!

Joomla is used all over the world to power Web sites of all sizes. For example:

- Corporate Web sites or portals
- Online magazines, newspapers and publications
- E-commerce and online reservations
- Government applications
- Small business Web sites
- Non-profit and organizational Web sites
- Community-based portals
- School, church, personal or family Web sites

Joomla past and forecasted version with released date and official product support.

Joomla versions		
Version	Release date	Supported until
1.0	2005-09-22	2009-07-22
1.5 (LTS)	2008-01-22	2012-12-01
1.6	2011-01-10	2011-08-19
1.7	2011-07-19	2012-02-24
2.5 (LTS)	2012-01-24	2014-03
3.0	2012-09-27	2013-04
3.1	2013-03	2013-10
3.2	2013-09	
3.5 (LTS)	2014-03	
4.0	2014-09	
4.1	2015-03	
4.2	2015-09	
4.5 (LTS)	2016-03	

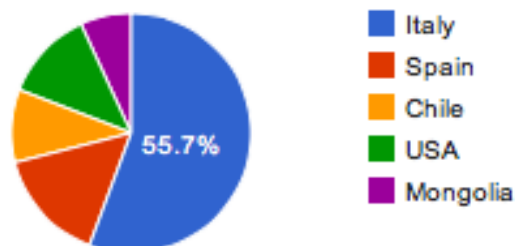
Release no longer supported
 Release still supported
 Future release

Screenshot: Joomla Versions

Who uses Joomla?

3220+ Government Web sites (per Jan 2013) are hosted on Joomla worldwide.
Below top five countries government Web sites based on Joomla.

Top Five Countries



Italy - 767 | Spain - 212 | USA - 169 | Chile - 135 | Mongolia - 95

Joomla! 3 Newbie's Guide

Screenshot: Joomla Government Info site (<http://joomlagov.info>)

Joomlagov.info is real time example how Joomla is flexible in creating Web sites for community, collaboration, etc.

Few examples of Web sites that use Joomla:

MTV Networks Quizilla –
<http://quizilla.teennick.com>



Imagine it. Create it. Share it.

SEARCH

QUIZZES STORIES POLLS POEMS LYRICS GAMES MYSTUFF HELP

QUIZ OF THE DAY

How long will your friendship last?

This is just a fun little quiz that came to mind. :) Take it and see how long your friendship will last! Maybe you should ditch them or maybe you two are besties for life! This is preferably for girls, just giving ya'll a heads up. :) ~ Vixen ♡Xxx♡

FIND OUT NOW!

Quiz created by [AngelwithBlackHalo1997](#)

LOG IN

[Forgot Password?](#)

or [Register](#)

☐ Remember Me

**Decorate your prom!**

GOT AN IDEA? GET STARTED!

NEW TO QUIZILLA?

Feel like taking a personality quiz or testing your knowledge? Check out the [Ultimate List](#).

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THE ULTIMATE LIST **TOP RATED** **MOST POPULAR** **NEWEST**

The best quizzes and tests as chosen by our moderators. Updated daily!

Type	Title	Author	Published	Viewed	Rating
	How long will your friendship last?	AngelwithBlackHalo1997	01/28/2013	3,290	☆☆☆☆☆
	What Sea Creature Are You?	Ezzelina	01/25/2013	10,241	☆☆☆☆☆
	Which Instinctual Variant Personality Type Are You?	TheRealRealWorld	01/13/2013	10,537	☆☆☆☆☆
	What to get your crush for valentine's day?(girls only duh)	lipglosslover76766	09/30/2012	8,161	☆☆☆☆☆
	How random can your life get?	redpeacock1211	01/14/2013	14,668	☆☆☆☆☆
	Could you be a poet?	Aquapearl123	01/14/2013	12,516	☆☆☆☆☆
	What is your inner artist?(now with pics!)	LokiFanGirl	01/14/2013	20,821	☆☆☆☆☆
	Are you running away from the truth?	Jeneann	01/14/2013	17,661	☆☆☆☆☆
	What Type of Unicorn are You?	Silverpony	01/10/2013	23,548	☆☆☆☆☆
	What force of nature are you?	Aquapearl123	01/09/2013	26,077	☆☆☆☆☆
	What style of clothes are you?	ShiningpawMedCat	01/08/2013	25,088	☆☆☆☆☆
	What is your lucky season and weather?	StarrySkies81998	01/07/2013	20,871	☆☆☆☆☆
	What is your makeup style?And is it appealing?	Cherrypop908	01/03/2013	28,617	☆☆☆☆☆
	Would You Survive in the Wilderness?	teenwolftottie2	01/01/2013	27,072	☆☆☆☆☆
	How Old Do you Act?	skilove7299	12/28/2012	59,649	☆☆☆☆☆

See entire list! (what is this?)

POLL OF THE DAY

What is your religion?

QUIZILLA TOP TAGS

View:

IHOP (Restaurant chain)

<http://www.ihop.com>

The screenshot shows the IHOP Restaurant website homepage. The top navigation bar includes links for [OUR MENU](#), [OUR STORY](#), [GIFT CARDS](#), the **IHOP RESTAURANT** logo, [LOCATIONS](#), [CONTACT US](#), and [MY FAVORITES](#) with a heart icon. Below the navigation bar, the main banner features the text "Tell the World Everything you ♥ about breakfast. SM" and "Find out what breakfast lovers love the most." with a "get started" button. The banner is decorated with several speech bubble images containing photos of children, food, and people. Below the banner, there are three promotional tiles: "Free Get a FREE Short Stack February 5th! IHOP NATIONAL PANCAKE DAY", "To Do Have breakfast for lunch with us.", and "Join Now Get free food with Pancake Revolution! IHOP PANCAKE REVOLUTION". The footer section includes "See our latest commercials" with a "WATCH NOW" button, "Give the gift of breakfast" with a "BUY NOW" button, and a Facebook social media widget showing "Like" and "2,543,338 people like this. Be the first of your friends." with a "LIKE OUR PAGE" button. The bottom of the page contains a footer with links: [IHOP at Home](#), [Careers](#), [Franchise Log In](#), [IHOP Connect](#), [Privacy Policy](#), [Site Map](#), [Pancake Revolution](#), [Nutritional Information](#), [Allergen Information](#), [ChooseMyPlate.gov](#), and [HealthyDiningFinder.com](#). Social media icons for Facebook, Twitter, and YouTube are also present, along with the copyright notice "© 2012 IHOP IP, LLC dineEquity".

Harvard University
<http://gsas.harvard.edu>



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Apply by February 8 to take part in this new GSAS Initiative to showcase PhD research.



January 21, 2013
Introduction to Innovation

January 21, 2013
The Rewards of a Well-Crafted Research Presentation

Event Highlights [More ▶](#)

Jan@GSAS: Mining Twitter Data
January 24
Using Twitter for academic work. (No, really.)



Jan@GSAS: An Arts Soiree
January 26
Wine, cheese, and culture, sponsored by the Dudley Arts Fellows.



PROGRAMS OF STUDY

DEAN AND ADMINISTRATION

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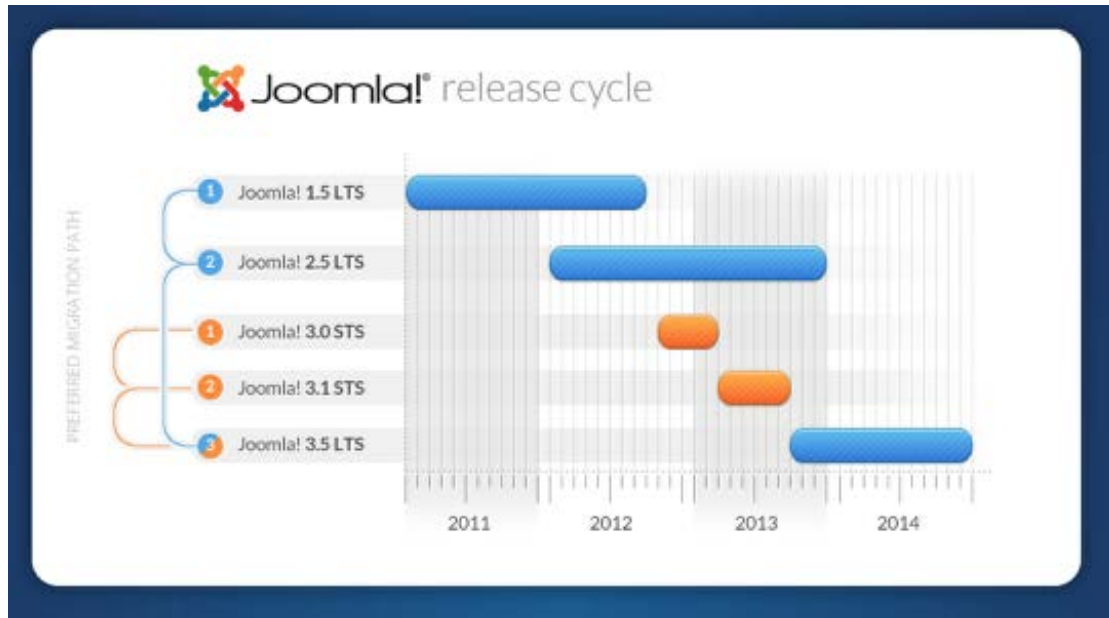
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Showcase is available on <http://community.joomla.org/showcase/>. Showcase gives you confidence what you can do with Joomla.

What's new in Joomla 3?

Joomla release cycle at glance



Screenshot: Joomla release cycle

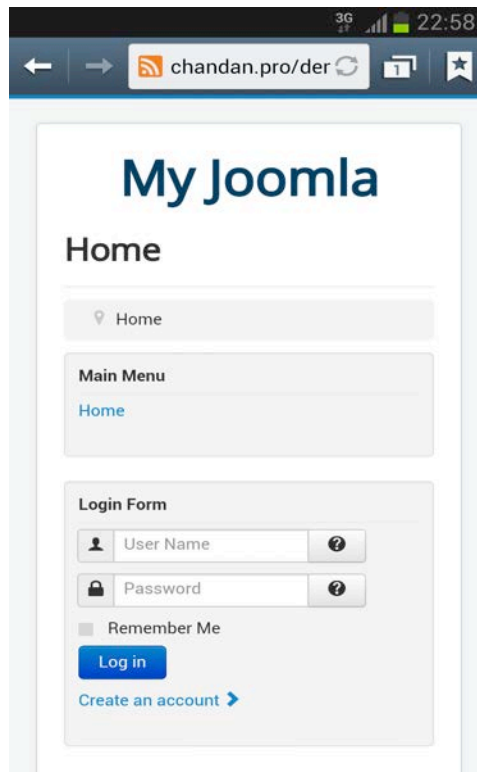
Joomla! 3.0 have many improvements including Mobile Ready, User Friendly, and Developer Tools.

Mobile Ready²

Joomla 3! Takes a big leap into the mobile space with a total overhaul of both its frontend design and administrator interface. With the adoption of the Bootstrap framework, Joomla 3 has become the first major CMS to be mobile ready in both the visitors and administrator areas. Now every website can have mobile friendly content for visitors and mobile friendly tools for administrators.

- Fully Responsive Site Template
- Fully Responsive Admin UI
- Fully Responsive Core Output

Joomla! 3 Newbie's Guide



Screenshot:Joomla! 3 default template site on Mobile



Screenshot:Joomla!3 Administrator Login Page

User Friendly

Joomla administration has a brand new look and feel. Joomla Administration is fully responsive for mobile devices, tablets and normal. The entire backend of Joomla has a brand new look and feel that will improve your workflow with any type of device.

Developer Tools

Joomla User Interface library gives you a standardized backend and frontend interface. It uses Java Script library jQuery.

A whole Lot More! ³

Joomla 3.0 is a whole new exciting world. We took a little from the top, bottom, and side to create a whole brand new look and feel, along with many features under the hood features that bring Joomla to the forefront of the content management system world.

- Extensive work on code style standardization and consistency
- Incorporation of Bootstrap into a jui media package.
- A new responsive administrator template Isis and interface.
- A new frontend template Protostar built using Bootstrap and updated accessible template called Beez3
- PostgreSQL Driver. You will be able to run Joomla 3.0 sites using the PostgreSQL database.
- PHP Memcached Driver
- Use of JFeed for feed management rather than SimplePie
- Installation of language packages directly from the extension manager
- Guest user group present by default
- Saving blank articles allowed
- New administrator statistics module
- Update TinyMCE to version 3.5.6
- Continued clean up of older unused code, files and database fields and tables and improved standardization of tables.
- Improvements to Smart Search
- Unit testing in the CMS
- Updated system tests in the CMS

Download & Installation

There are many ways to install Joomla for your Web sites. Thousands of web hosting companies provide one click Joomla installation. In order to install Joomla, you will need web browser, web server, PHP and Joomla supported database.

Pre-requisite

Below technology stack is required to install Joomla 3.x. Most of Web Hosting companies provide these technology stacks. It's good to confirm before you plan for installation.

Software	Recommended	Minimum
PHP (Magic Quotes GPC off)	5.3.1 +	5.3.1 +
Supported Databases:		
MySQL (InnoDB support required)	5.1 +	5.1 +
MSSQL	10.50.1600.1 +	10.50.1600.1 +
PostgreSQL	8.3.18+	8.3.18+
Supported Web Servers:		
Apache with mod_mysql, mod_xml, mod_zlib)	2.x +	2.x +
Nginx	1.1	1.0
Microsoft IIS	7	7

Download

Joomla 3.0 is available to download from Joomla.org. You can download directly from below link.

Download link - <http://www.joomla.org/download.html>

Direct Download link - http://joomlancode.org/gf/download/frsrelease/17710/77237/Joomla_3.0.2-Stable-Full_Package.zip

Note: if you are installing Joomla on your Web Hosting then mostly it will be one click installation.

Joomla! 3 Newbie's Guide

Installation Technique

By now you know what you need as technology pre-requisite to install Joomla. Joomla installation will take few minutes.

There are number of packages that will help you to get set up quicker than individual installations.⁴

- LAMP (Linux) - Most Linux distributions come with a pre-configured LAMP server.
- WAMP (Windows) - For more information, visit <http://www.wampserver.com>
- MAMP (Macintosh) - For more information, visit <http://www.mamp.info>
- XAMPP (Multi-platform) - Not for live sites. For more information, visit

Installation using cPanel

Login into your cPanel
Click on Softaculous



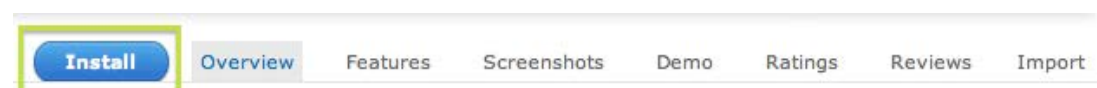
Screenshot: cPanel

Navigate left panel under Portals/CMS and click on Joomla



Screenshot: Softaculous

Click on Install to enter pre-requisite and start installation



Software Setup

Choose the version you want to install

Please select the version to install.

Choose Protocol

If your site has SSL, then please choose the HTTPS protocol.

Choose Domain

Please choose the domain to install the software.

In Directory

The directory is relative to your domain and should not exist. To install at `http://mydomain/dir/` just type `dir`. To install only in `http://mydomain/` leave this empty.

Database Name

Type the name of the database to be created for the installation

Site Settings

Site Name

Your Site Name, which will be displayed in Browser Title

Site Description

Enter Your Site Description

Database Settings

Table Prefix

By default Joomla will have table prefix `jos_` however, it's recommended to have custom table prefix as security enhancement.

Import Sample Data

It's recommended to install Sample data for beginner.

Admin Account

Admin Username

It's recommended to change username as admin is default and guessable.

Admin Password

It's recommended to keep strong password

Real Name

Enter Administrator Name

Admin Email

Joomla! 3 Newbie's Guide

Enter Joomla Administrator Email

Advanced Options

Disable Update Notifications. If checked you will not receive an email notification for updates available for this installation.

Click on Install

Software Setup

Choose the version you want to install
Please select the version to install. 3.0.2

Choose Protocol
If your site has SSL, then please choose the HTTPS protocol. http://

Choose Domain
Please choose the domain to install the software. chandan.pro

In Directory
The directory is relative to your domain and should not exist, e.g. To install at `http://mydomain/dir/` just type `dir`. To install only in `http://mydomain/` leave this empty. demo

Database Name
Type the name of the database to be created for the installation. demo

Site Settings

Site Name Chandan.Pro

Site Description My First Joomla

Database Settings

Table Prefix demo_

Import Sample Data ☒

Admin Account

Admin Username demo

Admin Password demo

Real Name Demo_Admin

Admin Email feedback@chandan.pro

Advanced Options

Disable Update Notifications
If checked you will not receive an email notification for updates available for this installation. ☐

Install

Email installation details to:

Screenshot: Demo Installation

It will take 3-4 minutes to install.

Checking the submitted data (8 %)



NOTE: This may take 3-4 minutes. Please do not leave this page till the progress bar reaches 100%

Congratulations! You have installed Joomla! 3.0

Thank You for previewing this eBook

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