

# Overview of Drupal

**Spoken Tutorial Project**

<http://spoken-tutorial.org>

**National Mission on Education through ICT**

<http://sakshat.ac.in>

**Video adapted from: Acquia and OSTraining**

**By: Spoken Tutorial Project, IIT Bombay**

**13 July 2016**

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# Learning Objectives

**In this tutorial, we will learn**

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In this tutorial, we will learn

- ▶ **Content Management System**



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- ▶ **Drupal**
- ▶ **Salient features of Drupal**



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- ▶ **Content Management System**
- ▶ **Drupal**
- ▶ **Salient features of Drupal**
- ▶ **Overview of this series**



# What is Drupal?

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# What is Drupal?

- ▶ **Drupal is a free and open source Content Management System (CMS)**



# CMS in the old days

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# CMS in the old days

- ▶ **It is not like the old days where we have several html files uploaded on a server**



# CMS in the old days

- ▶ It is not like the old days where we have several html files uploaded on a server
- ▶ Each page has its own file



# What is CMS now?

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# What is CMS now?

Each page is constructed using various components

The screenshot shows a Facebook homepage with a clear modular layout. At the top is a navigation bar with the Facebook logo, a search bar, and links for Home, Profile, and Account. Below this is a left-hand navigation menu with sections like 'Gregg [Profile]', 'News Feed', 'Messages (10)', 'Events', 'Photos', 'Friends (3)', 'Applications', 'Games', 'Groups (28)', 'Marketplace', and 'Friends Online'. The main content area is divided into several sections: a browser upgrade notification, a 'News Feed' with a search bar and a post from 'Angelle [Profile]', a 'Sponsored' section for 'Go Electric' featuring an advertisement for electric cars, and a 'Requests' section with 3 friend requests, 28 group invitations, 12 page suggestions, and 11 other requests. The page is rendered in Internet Explorer, as indicated by the browser's address bar and status bar at the bottom.



# What is CMS now?

- ▶ **Each of the component can come from different places**



# What is CMS now?

- ▶ Each of the component can come from different places
- ▶ These components are assembled on the fly using programming logic



# What is CMS now?

- ▶ Each of the component can come from different places
- ▶ These components are assembled on the fly using programming logic
- ▶ Depending on where you are viewing, it could be different



# What is CMS now?

Changing depending on who is viewing it  
from where



# What is CMS now?

Changing depending on who is viewing it  
from where



The image shows a screenshot of the Google India homepage. At the top center is the Google logo with the word "India" in blue text below it. Below the logo is a large, empty search input box with a blue border and a microphone icon on the right side. Underneath the search box are two buttons: "Google Search" and "I'm Feeling Lucky". At the bottom of the page, there is a line of text in Hindi: "Google.co.in offered in: हिन्दी বাংলা తెలుగు मराठी தமிழ் ગુજરાતી ಕನ್ನಡ മലയാളം ਪੰਜਾਬੀ". In the bottom right corner of the screenshot, there is a circular logo with orange and black segments.

Google.co.in offered in: हिन्दी বাংলা తెలుగు मराठी தமிழ் ગુજરાતી ಕನ್ನಡ ಮಲಯಾಳಂ ਪੰਜਾਬੀ



# What is CMS now?

A large, empty search input field with a thin blue border. On the right side of the field, there is a small microphone icon, indicating voice search functionality.

Google Search

I'm Feeling Lucky

Google.com.sg offered in: [中文\(简体\)](#) [Bahasa Melayu](#) [தமிழ்](#)

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# What is CMS?

- ▶ **CMS is the program behind this presentation logic**



# What is CMS?

- ▶ **CMS is the program behind this presentation logic**
- ▶ **It uses PHP, Ajax, Javascript, etc**



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- ▶ **CMS is the program behind this presentation logic**
- ▶ **It uses PHP, Ajax, Javascript, etc**
- ▶ **All CMS use a database to store content without any formatting**



# What is CMS?

- ▶ CMS is the program behind this presentation logic
- ▶ It uses PHP, Ajax, Javascript, etc
- ▶ All CMS use a database to store content without any formatting
- ▶ The formatting of content is done separately

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# What is CMS?

- ▶ **CMS makes even non-technical users to manage a website easily**



# What is CMS?

- ▶ **CMS makes even non-technical users to manage a website easily**
- ▶ **Drupal is one such CMS that is open source, meaning the code is freely available**



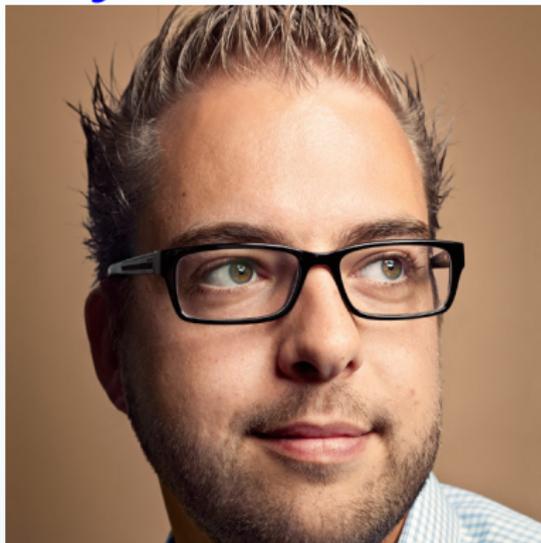
# What is CMS?

- ▶ **CMS makes even non-technical users to manage a website easily**
- ▶ **Drupal is one such CMS that is open source, meaning the code is freely available**
- ▶ **Anybody can download and change it**



# Founder

Drupal was founded in 2000 by **Dries Buytaert** when he was a student



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# Drupal Community

To make it open source thousands of people have helped in modifying the code



# Drupal Community

- ▶ They then give it back to the community



# Drupal Community

- ▶ They then give it back to the community
- ▶ **Drupal community is one of the largest open source community**



# Drupal Community

- ▶ They then give it back to the community
- ▶ Drupal community is one of the largest open source community
- ▶ This community has developers, site-builders, volunteers



# Drupal Community

- ▶ They then give it back to the community
- ▶ Drupal community is one of the largest open source community
- ▶ This community has developers, site-builders, volunteers
- ▶ **“Come for the code, stay for the community”**

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# Overview of this series

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# Overview of this series

- ▶ **How to install Drupal**



# Overview of this series

- ▶ How to **install** Drupal
- ▶ The **content workflow**



# Overview of this series

- ▶ How to **install** Drupal
- ▶ The **content** workflow
- ▶ How to **extend** Drupal



# Overview of this series

- ▶ How to **install** Drupal
- ▶ The **content** workflow
- ▶ How to **extend** Drupal
- ▶ **How to layout the site**



# Overview of this series

- ▶ How to **install** Drupal
- ▶ The **content** workflow
- ▶ How to **extend** Drupal
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- ▶ How to **manage people**



# Overview of this series

- ▶ How to **install** Drupal
- ▶ The **content** workflow
- ▶ How to **extend** Drupal
- ▶ How to **layout** the site
- ▶ How to manage **people**
- ▶ How to **manage the site**

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# Summary

- ▶ **Introduction**
- ▶ **Features**
- ▶ **Overview**



# Acknowledgement

- ▶ Video adapted from: **Acquia** and **OStaining**
- ▶ Revised by: **Spoken Tutorial Project**, IIT Bombay



# About the Spoken Tutorial Project

- ▶ Watch the video available at [http://spoken-tutorial.org/What\\_is\\_a\\_Spoken\\_Tutorial](http://spoken-tutorial.org/What_is_a_Spoken_Tutorial)
- ▶ It summarises the Spoken Tutorial project
- ▶ If you do not have good bandwidth, you can download and watch it

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# Spoken Tutorial Workshops

## The Spoken Tutorial Project Team

- ▶ Conducts workshops using spoken tutorials
- ▶ Gives certificates to those who pass an online test
- ▶ For more details, please write to [contact@spoken-tutorial.org](mailto:contact@spoken-tutorial.org)

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