

Menu and Endpoints

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

30 May 2016



Learning Objectives

In this tutorial, we will learn



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In this tutorial, we will learn

- ▶ **Set up URL patterns**



Learning Objectives

In this tutorial, we will learn

- ▶ Set up URL patterns
- ▶ **Menu management**



System Requirement

For this tutorial, I am using



System Requirement

For this tutorial, I am using

► **Ubuntu OS**



System Requirement

For this tutorial, I am using

- ▶ **Ubuntu OS**
- ▶ **Drupal 8**



System Requirement

For this tutorial, I am using

- ▶ Ubuntu OS
- ▶ Drupal 8
- ▶ Firefox web browser



Endpoints and Aliases



Endpoints and Aliases

- ▶ Endpoints are **URL paths** which display a particular content



Endpoints and Aliases

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- ▶ The endpoint of a node is **node/[node:id]**



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- ▶ The endpoint of a node is **node/[node:id]**
- ▶ Sending this to a server will display the contents of the node



Endpoints and Aliases

- ▶ Endpoints are **URL paths** which display a particular content
- ▶ The endpoint of a node is **node/[node:id]**
- ▶ Sending this to a server will display the contents of the node
- ▶ **A number in the ID is not human**

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Endpoints and Aliases Example

- ▶ We cannot easily associate a particular content with say **node/278162**



Endpoints and Aliases Example

- ▶ We cannot easily associate a particular content with say **node/278162**
- ▶ A human readable endpoint is available by creating an **alias**



Endpoints and Aliases Example

- ▶ We cannot easily associate a particular content with say **node/278162**
- ▶ A human readable endpoint is available by creating an **alias**
- ▶ **Alias** is an alternate **URL path** for the same content



Endpoints and Aliases Example

- ▶ We cannot easily associate a particular content with say **node/278162**
- ▶ A human readable endpoint is available by creating an **alias**
- ▶ **Alias** is an alternate **URL path** for the same content
- ▶ We can use the original or any one of

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Example

- ▶ **Example:** `node/278162` and `content/drupal-camp-mumbai-2015`



Example

- ▶ **Example:** `node/278162` and `content/drupal-camp-mumbai-2015`
- ▶ **Both return the same content**



Example

- ▶ Example: **node/278162** and **content/drupal-camp-mumbai-2015**
- ▶ Both return the same content
- ▶ The second one is easy to remember



Tokens

- ▶ Template variables are called as **tokens**



Tokens

- ▶ Template variables are called as **tokens**
- ▶ They are dynamically generated for each entity



Tokens

- ▶ Template variables are called as **tokens**
- ▶ They are dynamically generated for each entity
- ▶ **Token module** provides these variables



Thumb rules for URL patterns



Thumb rules for URL patterns

- ▶ Use lower case words



Thumb rules for URL patterns

- ▶ **Use lower case words**
- ▶ **Do not give space between words**



Thumb rules for URL patterns

- ▶ Use lower case words
- ▶ Do not give space between words
- ▶ Separate words by **hyphen** and not **underscore**



Thumb rules for URL patterns

- ▶ Use lower case words
- ▶ Do not give space between words
- ▶ Separate words by **hyphen** and not **underscore**
- ▶ Use meaningful, human readable words in the URL for **SEO**



Thumb rules for URL patterns

- ▶ Use lower case words
- ▶ Do not give space between words
- ▶ Separate words by **hyphen** and not **underscore**
- ▶ Use meaningful, human readable words in the URL for **SEO**
- ▶ Use **date tokens** for contents classified **by time**

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URL paths requires three modules



URL paths requires three modules

- ▶ **Pathauto**

www.drupal.org/project/pathauto



URL paths requires three modules

- ▶ **Pathauto**

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- ▶ **Token**

www.drupal.org/project/token



URL paths requires three modules

- ▶ **Pathauto**
www.drupal.org/project/pathauto
- ▶ **Token**
www.drupal.org/project/token
- ▶ **CTools**
www.drupal.org/project/ctools



URL paths requires three modules

- ▶ **Pathauto**
www.drupal.org/project/pathauto
 - ▶ **Token**
www.drupal.org/project/token
 - ▶ **CTools**
www.drupal.org/project/ctools
 - ▶ **Make sure you are getting the Drupal 8**
versions
- 
- 

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Summary

- ▶ **Setting up URL patterns**
- ▶ **Menu management**



Do this Assignment

- ▶ Create a basic page
 - ▶ With a title “Overview of Drupal”
 - ▶ Save the page
 - ▶ Find out if Drupal has created an alias </content/overview-of-drupal>



Do this Assignment

- ▶ Move the “Upcoming Events” to a submenu of the “Events” menu
 - ▶ Change the theme to Zircon
 - ▶ Check if the menu appears in the “Events” submenu
 - ▶ Again change the theme to Bartik



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
- ▶ 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



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