

# CREATING A TEACHER'S BLOG, ASSIGNMENT CALENDARS

DRUPAL PART II  
SPRING 2011

# PRACTICE #1

- ◎ Enable the following modules:
  - > CKeditor
  - > Calendar
  - > Calendar Popup
  - > Date
  - > Date API
  - > Date Popup
  - > Date TimeZone
  - > Search
  - > Upload (Drupal 3 presentation)

# SETTING A WYSIWYG TEXT EDITOR

- ◎ The module can be downloaded from **<http://drupal.org/project/ckeditor>**
- ◎ After enabling the CKeditor module, it needs to be configured by following these main steps:
  1. Assigning Roles to the editor
  2. Editing Visibility Settings in the Global Profile.

# SETTING A WYSIWYG TEXT EDITOR: ASSIGNING ROLES...

- ◎ You need to assign who gets access to the editor, and who gets administration privileges.
  1. Click the Administer -> Site Configuration -> CKeditor link (on the left hand side of the screen).
    - You will see a message that says *“There is currently no role with the access ckeditor permission. Visit Permissions administration section.”*
  2. Click the Permissions link.
  3. Locate the **ckeditor module** section, and assign roles for accessing and administering it.
  4. Click the Save permissions button.
  5. Return to Administer -> Site Configuration -> CKeditor

# PRACTICE #2

- **Access** permission must be granted to **authenticated** user.
- **Administer** permission must be granted to **site admin** user.

# SETTING A WYSIWYG TEXT EDITOR: EDITING THE GLOBAL...

- ◎ These settings determine where the text editor will appear.
  1. Click the **edit** link of the CKeditor Global Profile.
  2. Click the **Visibility settings** link.
  3. Select inclusion or exclusion mode to include or exclude selected fields and/or paths.
  4. In the **Fields to exclude/include** textbox, you may specify fields to include.
  5. In the **Paths to exclude/include** textbox, specify paths to exclude/include.
  6. Click the **Update global profile** button.

# Practice #3

1. Set the inclusion/exclusion mode to **include**.
  2. Remove all the content from **Fields to exclude/include**.
  3. Replace all the content from **Paths to exclude/include** with the following:
    - > **node/add/\***
    - > **node/\*/edit**
    - > **comment/\***
- ⦿ These settings make sure that editor appears on all forms when user is adding or editing content, or replying to a piece of content.

# SETTING THE PROPER INPUT FORMATS

- ◎ Input formats control the HTML tags and other text handling that people can use when creating content on your site.
- ◎ This is essential for running your site securely.
- ◎ Follow these steps:
  1. Click the Administer -> Site Configuration -> Input Formats link.
  2. Click the configure link for **Filtered HTML**. The Filtered HTML page appears.
  3. Click the Configure tab.
  4. In the **Allowed HTML tags** field, specify which HTML tags you want to allow.
  5. Click the Save configuration button.

# PRACTICE #4

1. Leave the following tags in that section, if they are already there. If they are not, you need to add them.
  - > `<a>` `<em>` `<strong>` `<code>` `<ul>` `<ol>` `<li>` `<dl>` `<dt>`  
`<dd>`
2. Remove the tag called `<cite>`
3. Add the following tags:
  - > `<b>` `<blockquote>` `<br>` `<caption>` `<center>` `<col>`  
`<colgroup>` `<del>` `<div>` `<font>` `<h1>` `<h2>` `<h3>`  
`<h4>` `<h5>` `<h6>` `<hr>` `<i>` `<img>` `<p>` `<span>` `<sub>`  
`<sup>` `<table>` `<tbody>` `<td>` `<tfoot>` `<th>` `<thead>`  
`<tr>` `<u>`

# CREATING A BLOG FOR TEACHERS

- ⦿ In order to do this, we need to tell Drupal to create two content types for us.
- ⦿ These content types will be called **Blog Post** and **Assignments**.
- ⦿ Blog post can be used for...
- ⦿ Assignments can be used for...
- ⦿ Use the steps already discussed for creating content types.

# Practice #4

1. Create a content type called **Blog Post** with the following specs:
  - > Identification section
    - Name: **Blog Post**
    - Type: **blog\_post**
    - Description: **Create a blog post**
  - > Submission form settings section
    - Explanation or submission guidelines can be set to: **Create your Blog Post. Enliven your post with relevant details, and describe these details with sumptuous prose.**
  - > Workflow settings
    - Default settings: **Published**, remove any other setting.
  - > Comment settings
    - Default : **Read/Write**
    - Display order: **oldest first**
    - Location of comment submission form: **Display below post or comments.**
    - Preview comment: **optional**

# Practice #5

1. Assign the existing **Keywords** taxonomy to the **Blog Post** content type.
2. Assign to the **teacher** role the following permissions:
  - **create blog\_post content**
  - **delete own blog\_post content**
  - **edit own blog\_post content**

# Practice #6

1. Create a content type called **Assignment** with the following specs:
  - > Identification section
    - Name: **Assignment**
    - Type: **assignment**
    - Description: **Add an assignment**
  - > Submission form settings section
    - Explanation or submission guidelines can be set to: **Create an assignment. Remember to set a due date.**
    - Change the **Body field label** to **Description**
  - > Workflow settings
    - Default settings: **Published**, remove any other setting.
  - > Comment settings
    - Default : **Read/Write**
    - Display order: **oldest first**
    - Location of comment submission form: **Display below post or comments.**
    - Preview comment: **optional**

# Practice #7

1. Add a **Date** field to the **Assignment** content type that will specify the due date for assignments. with the following specs:
  - > Add
    - New field: **Due Date**
    - field\_: **due\_date**
    - Type of data: **Datetime**
    - Form element to...: **Text Field with Date Pop-up calendar**
  - > Assignment settings section
    - Select **Now**. This autofills the form with the current time.
  - > Customize Default Value section
    - Input format: **Set it to AM/PM**

# Practice #7 (Cont...)

- Customize Date Parts section
    - Help Text: **Enter the date and time the assignment will be due.** This is the text that will be shown to users as they are creating assignments.
  - Global settings section
    - Check the **Required** checkbox, since all assignments will have a due date.
2. Change the position of the **Due Date** field to appear second on the page.

# Practice #8

1. Add a new taxonomy. These are the values to enter. This taxonomy will only be associated with the **Assignment** content type.
  - a. Vocabulary name: **Type of Assignment**
  - b. Description: **Specialized keywords that are assignment-related content only.**
  - c. Help text: **Enter keywords to describe this post (assignment).**
  - d. Tags checkbox: **checked**
  - e. Multiple select checkbox: **checked**

# Practice #9

1. Assign the existing **Type of Assignment** taxonomy to the **Assignment** content type.
2. Assign to the **teacher** role the following permissions:
  - **create assignment content**
  - **delete own assignment content**
  - **edit own assignment content**

# TESTING OUR SITE SO FAR

- ◎ In order to see the fruit of your work, do the following:
  1. Create a sample user
  2. Add sample content

# TESTING: CREATING A SAMPLE USER

◎ Follow these steps:

1. Click the Administer -> User Management -> Users link.
2. Click the Add user tab.
3. Provide a **Username**. It accepts spaces, alphanumeric, periods, hyphens, and underscores.
4. Provide a **E-mail address**.
5. Provide and confirm your **Password**.
6. Assign a role to the user.
7. Click the Create new account button.

# Practice #10

1. Create the following user:
  - Username: **test\_teacher**
  - <your email address>
  - Password: **1234abcd** (or whatever you prefer)
  - Role: **teacher**
2. Log in as test\_teacher

# TESTING: CREATING SAMPLE CONTENT

◎ Follow these steps:

1. Click the **Create Content** link. You will see all the content types that you have available.
2. Click on the desired content type tab.
3. Provide all necessary information.
4. Click the **Save** button.

# Practice #11

1. Create the following Assignment:
  - > Title: **Read and Analyze Chapters 1 and 2**
  - > Due Date: **April 30<sup>th</sup> 2009 2:00pm**
  - > Type of Assignment: **Reading Comprehension**
  - > Description: This is a simple assignment. **Ideally, this assignment will require critical thinking, and high-level reflection, as opposed to rote memorization and repetition. Aim high!**
2. After, you see the result, Create 3 blogs and two more assignments.
3. Log off, and log back in with your admin account.

# TESTING: CREATING SAMPLE CONTENT

◎ Follow these steps:

1. Click the **Create Content** link. You will see all the content types that you have available.
2. Click on the desired content type tab.
3. Provide all necessary information.
4. Click the **Save** button.

# Practice #12

1. Create a new view and set the following values:
  - a. View name: **teacher\_blog**
  - b. View description: **All posts to be displayed in the teacher blog**
  - c. View tag: **teacher**
  - d. View type: **Node**
2. Add new fields for the view you created:
  - a. Node: **Title** (for troubleshooting)

# Practice #12 (cont...)

3. Add the following filters:
  - a. Node: **Published or admin**
  - b. Node: **Type** (Blog post and Bookmark)
  - c. User: **Roles** (teacher)
4. Sort criteria
  - a. Node: **Post date** (date that node was posted)
  - b. Sort order: **Descending**
5. Use the following **styles** :
  - a. Row Style: **Node** (displays full post)
  - b. After updating, deselect **Display only teaser** and **Display links**. Update again.
  - c. Pager: **Mini pager**
  - d. Title: **Teacher blog**
  - e. Header: **Hello! you are viewing posts from the teacher blog. Enjoy your reading, and commenting frequently.**

# Practice #12 (cont...)

3. Add a page display
  - a. Path: **teacher-blog**
  - b. Menu: **Normal menu entry**
  - c. Menu Title: **Teacher blog**
4. Don't forget to click the **Save** button, otherwise your view will not be saved.

# CLONING A VIEW

- ⦿ In many cases, there are many views that already come with Drupal that can be used.
- ⦿ However, we may want to make modifications to it, without altering the original.
- ⦿ Thus, a view can be cloned and the user can work on the clone; saving the latter time.
- ⦿ Follow these steps:
  1. Click the **Administer** -> **Site Building**-> **Views** link. You see the list of the views that you created, and the ones that came with Drupal.
  2. Click the **Enable** link for the desired view.
  3. Click the **Clone** link for the enabled view that you wish to clone.
  4. Rename the cloned copy of the view and give it a new description.
  5. Make all other desired changes to the clone.
  6. Click the **Save** button.

# Practice #13

1. Clone the view called **Default Node view: calendar** and set the following values:
  - a. View name: **assignment\_calendar**
  - b. View description: **A calendar view of assignments**
  - c. View tag: **calendar, assignments**
2. Add the field called **Content: Due Date** for the view you created.
3. Change the Format of the Due Date field to **Short Date**.
4. Remove the field called **Node: Update date**. Add **Node: Body**.

# Practice #13 (cont...)

5. Add the following filters:
  - a. Node: **Published or admin**
  - b. Node: **Type** (Assignment)
6. Edit the Argument
  - a. Datefield: **Content: Due Date...**
  - b. Remove the other checkmark in **Datefield** (Select one or more date fields to filter with this argument. Do not select both the 'From date' and 'To date' for CCK date fields, only one of them is needed.
7. Use the following **styles** :
  - a. Title: **Assignment Calendar**
  - b. Header: **This page shows all assignments. Get to work!**

# Practice #13 (cont...)

8. Edit the **Calendar** page display
  - a. Path: **assignment-calendar**
  - b. Menu: **Normal menu entry**
  - c. Menu Title: **Assignment Calendar**
9. Don't forget to click the **Save** button, otherwise your view will not be saved.

# ENROLLING STUDENTS

- You need to do two general things:
  1. Assign rights to the student role
    - Comment module: students don't need approval to post...
    - Upload module: students can upload/view uploaded files  
(First you need to go to Administer->Site Configuration->File uploads and make sure the upload module is already checked)
    - User module: students can view their classmates profiles and change their own user name.
  2. Create student user accounts
    1. You supply their username, password, and role.