



VirginiaTech
Invent the Future



Using Ensemble CMS

Presented: July 15, 2009

Objectives

- Review
 - Content concepts
 - User interface
 - Active assembly table editor
 - System concepts
 - Workflow
 - Publishing
- Exercises

Let's login

- Visit: <https://ensemble.vt.edu/>
- Login with PID/password
 - Accept security certificate
 - Allow popups
- Choose CMS_Training community
- Navigate to: using-ensemble/july-15

Content concepts

- ***Content Item***

The CMS building block; all Content Items are stored in a database

- ***Content Type***

Defines the fields and structure for storing information contained in a Content Item

- ***Content Editor***

A form for displaying and editing Content Items of a specific Content Type

User interface

- Content Explorer
 - The interface through which you create, modify, and process Content Items
- Content Explorer elements:
 - **Sites:** Displays websites in your community
 - **Folders:** Organize Content Items
 - **Views:** Arrange content by categories that would be difficult to maintain in Folders
 - **Searches:** Use default searches, or customize and save your own personalized searches

Assembly concepts

- Templates
 - **Slots:** a section on a Web page
 - **Snippets:** content Items placed into Slots
- Active Assembly Table Editor
 - Enables you to assemble related Content Items together into Web pages
 - Depends on content type

QUICKLINKS

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About Virginia Tech

Founded in 1872 as a land-grant college named Virginia Agricultural and Mechanical College, Virginia Tech is now a comprehensive, innovative research university with the largest full-time student population in Virginia.

Through a combination of its three missions of learning, discovery, and engagement, Virginia Tech continually strives to accomplish the charge of its motto: *Ut Prosim* (That I May Serve).

At a glance ...

- » Located in Blacksburg, Virginia
- » Nine colleges and graduate school
- » 60 bachelor's degree programs
- » 140 master's and doctoral degree programs
- » 30,000+ full-time students
- » 16:1 student-faculty ratio
- » Main campus includes more than 125 buildings, 2,600 acres, and an airport
- » Computing and communications complex for worldwide information access
- » Ranked 42nd in university research in the United States
- » Has adjacent corporate research center



What is a Hokie?

Here is the answer to that oft-posed question -- and a look at other Virginia Tech traditions.

2009 Spring Ceremonies

Scan the list of ceremonies, times, and locations for the 2009 Spring Commencement. View more details about the 2009 Spring Commencement.

Video: Virginia Tech - Invent the Future



Experience what it means to Invent the Future. Watch the video.

Campus Photos

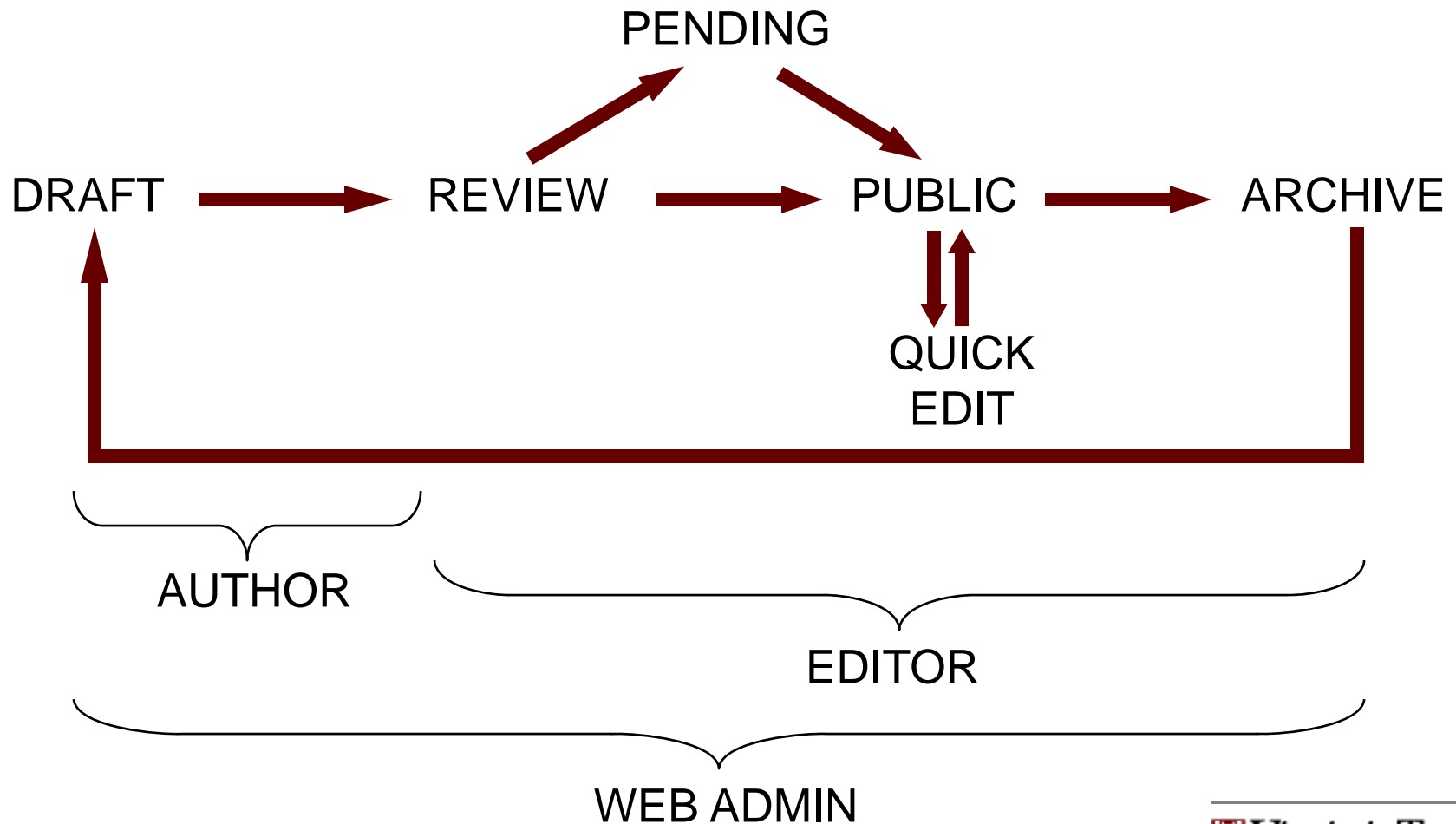
View and download your favorite Virginia Tech snapshots.

System concepts

- ***Workflow:*** a set of states that a Content Item progresses through during its lifetime.
- ***Relationships:*** an association between two Content Items in Ensemble.
- ***Communities:*** a group within Ensemble that needs access to a common set of templates, sites, content items, etc.
- ***Roles:*** a collection of users associated with the same permissions and access. For each Community in Ensemble, there are Authors, Editors, and Web Admins.

Workflow

The lifecycle of a Content Item and associated Roles:



Publishing

- Incremental
 - Occurs several times a day
 - Publishes all items in a community that have been created or updated since the last publish cycle. Items must be in the pending or public state
 - Does not publish navigation
- Full publish
 - Occurs every evening after 7 p.m.
 - Publish all items in a site, including navigation
- Schedules posted at <http://www.ensemble.cms.vt.edu>

Exercise

- In exercise folder, create:
 - Image
 - Download cropped images on filebox
 - Create image content item
 - Include your initials in filename, last name in keyword field
 - Upload both sizes (185 for small, 240 for medium)
 - Fill out both the caption and ALT text field with “The HokieBird”
 - Save, close and leave checked out to you
 - General content item
 - Download general-info.doc from filebox
 - Create general content item
 - Include your initials in filename, last name in keyword field
 - Page title: Measures of Excellence
 - Paste text into body field
 - Save the content item

Exercise (step 2)

- After saving the item, place the image:
 - Place cursor in the body field
 - Insert the image with the caption choice. Choose medium
 - Save, close the file
 - Select it in the display plane, right-click on Preview >> P-Full Page

Assembly exercise

- Right click >>Edit the general content item you've created
 - Scroll down to the Edit All button
 - Choose right bar content slot
 - Search for "class briefs" in CMS_Training community
 - Choose both briefs by clicking the check box
 - Click Link to slot
 - Close the table editor
 - Click save
 - Right-click item, choose Preview >> P-Full page

Biography exercise

- Download hokiebird.doc from filebox
- In the exercise folder, right-click New Item >> Biography
 - Include initials in filename
 - Page title: The HokieBird
 - Keywords: jackson, biography, training
 - Category: Choose >> Staff
 - First name: Hokie
 - Last name: Bird
 - Place text from hokiebird.doc into Biography field
 - Save
 - Right-click >> Preview >> P-Bio

Biography (step 2)

- After previewing, right-click Active Assembly Table Editor
 - Click Biography Image slot
 - Search for your image in CMS_Training community
 - Choose image in check box
 - Click link to slot
 - Close
 - Right-click >> Preview >> P-Bio
- To add contact info, place PID in field

Resources

- User manual online
<http://www.ensemble.cms.vt.edu/>
- Template documentation
http://www.ensemble.cms.vt.edu/template_documentation/index.html
- Problems? Call 4-HELP