



Developing a Content Management System for SIGUCCS

A look at the previous year and the future

Greg Deitz
Senior IT Consultant
Texas A&M University
greg-deitz@mail.it.tamu.edu

About Greg

- Senior IT Consultant for the Open Access Labs at Texas A&M University
- 10 years IT experience
- Aided in the development, implementation, and maintenance of the CIS Content Management System
- SIGUCCS member for 4 years

Why You're Here...

- The Vision – Why do we need a Content Management System (CMS)?
- Why Plone?
- The First Year Successes
- The Vision Adjusted – We need more than just a CMS
- Easily Fixed and Larger Problems
- In the Future – Version 2.0

The Initial Vision

- Something to be Used Every Year
 - Improve vs. Re-invent
- Central Location for Authors, Editors, and Track Chairs to meet
- Track and Store all Changes to Document

It can't be that simple, can it?

Why Plone?

- Already Supported by ACM
- CMS that I am familiar with and utilizing at Texas A&M
 - Continued Support In the Future
 - Previous Attempts for a CMS Lost Support After Year
 - Already Understand the Features



The First Year - Successes

- Met the “Initial Vision” Goals
 - Central location for storage
 - Track all changes
- In a Good Place for Future Development
- Received Valuable Feedback on Future Improvements Desired

The Vision Adjusted

- Need for a Conference Management System
- Need a Method to Maintain Contact Between all Groups (Authors, Editors, Chairs)
- Need a Tool to Help with Room Assignment
- Desire for Tool to Help With More than Paper Management

More Adjustments...

- Notifications on Changes
- A Workflow to Aid in Moving Content from One Place to Another
- Can the CMS Help with the Publishing?



Easily Fixed Problems

- Difficulty With How to Use Site
 - Improve Documentation on Site
 - Set Standards on How To Use Site
 - Uploading
 - Modify Site to Eliminate Confusion
 - Where do I save my file?
 - Editor cannot find file.

Easily Fixed Cont...

- Too Much Time Spent Moving Papers Within Site
 - Implement a workflow and content rules that manage where the papers travel in the site
 - Workflow will utilize a better naming convention for states of papers.
 - Improve understanding by all those as to where their paper is in process

Easily Fixed Cont...

- User Management
 - Better use of Groups
 - This will improve ability to contact authors by editors and vice-versa
 - Remove Universal Track Chair Names and assign roles
- Remove “Personal Spaces”
 - Eliminate “lost” papers

Larger Problems

- Adding new Functionality to the Site
 - Do not control the server
 - Cannot upgrade core instance
 - Cannot install add-on products
- Running Plone 2.5
 - Outdated and no longer supported
 - Limits ability to utilize automation as well as ability to use notifications
 - Problem fixed in Plone 3.1 and later releases

In the Future – Version 2.0

- Increased Understanding of the System by Authors, etc.
- Better Documentation Already Being Written
- Improved Interaction with the Board
 - Standards being discussed
- ACM Recently Offered us Ability to Use Plone 3.1.1
 - Eliminates automation problems and implements notification mechanisms

Version 2.0 Cont...

- Better Group Management
 - Allow Track Chairs to contact authors and editors from within the site
- Better Communication Between SIGUCCS and ACM
 - Hopefully more add-on modules possible
 - Improve ability to use site for room scheduling and conference planning

Version 2.0 Cont...

- Increased Communication With SIGUCCS Committee and Track Chairs
 - Improved understanding of needs for all those involved

Contact Information

- Questions
- Contact Information:
Greg Deitz
greg-deitz@mail.it.tamu.edu