Innovative Creative Risk Takers scalable Cost Effective Research
Coordinated Teaching Penn State Drive Adoption Cultivate Engaging Instruction
Relationships Industry Team Faculty Sponsors Students Organizational

Technology Communication Learning Leadership Education

PSU Tag Cloud

PSU Platforms for Digital Expression

Cole W. Camplese

Director, Education Technology Services

cole@psu.edu



+ +

Who are we talking to?

>>>

9





+

The Digital Natives

>>>

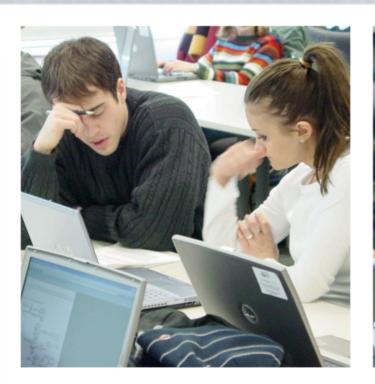




Short eTtention Span?

5

71







Student Challenges

"Technology is only technology to those born before technology."

--Alan Kay

>>>

Their Expectations

- An always available (invisible) layer of access for all their devices
- Administrative, educational, and entertainment technologies seamlessly integrated with personalized content
- Faculty who can deliver beyond the, "so yesterday" PowerPoint driven classroom experience



+

This Changes Everything

- How they access information
- How they access media
- How they control media
- How they create media

Search is research

This Changes

- How they access information
- How they access media
- How they control media
- How they create media

+ | |

This Changes

- How they access information
- How they access media
- How they control media
- How they create media

43% listen to radio on something other than a radio

+

This Changes

- How they access information
- How they access media
- How they control media
- How they create media

Everything DVR/TiVo is the way to consume

+ 2

This Changes Everything

- How they access information
- How they access media
- How they control media
- How they create media

18% at PSU create media for youtube

+

+

This Changes Everything

- How they access information
- How they access media
- How they control media
- How they create media

+ +

Are we prepared?

+ +

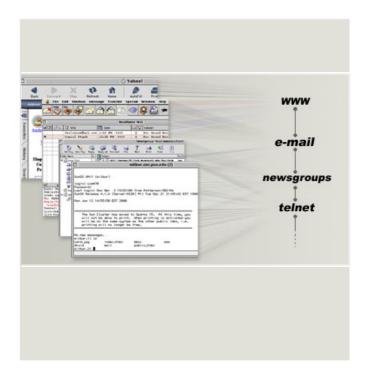
History of the Web, Part 2.0

+

>>>







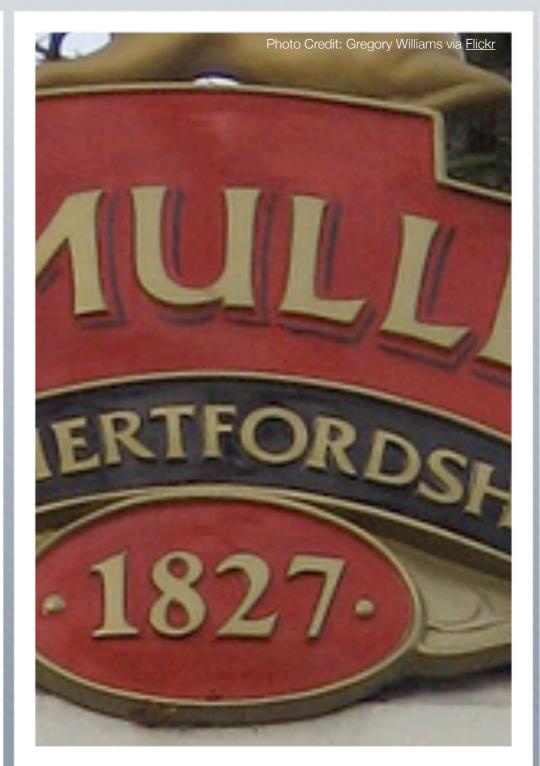


That's So Web 1.0

Do you remember the first Internet?

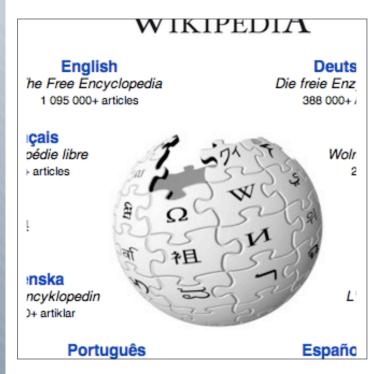
Web 1.0

- The first time around the web was:
 - Very static
 - Hard to create for
 - A one way platform (except for commerce)



Originally built to allow scientists and researchers to share and **collaborate** at a distance.

7







Web 2.0

"architecture of participation"

--Tim O'Reilly

3

+

A Living Example

+

>>>

Social Software

000 Facebook | Cole Camplese My Tools ▼ My Sites ▼ ETS Public ▼ ETS Admin ▼ ETS Pilots ▼ PSU ▼ PSU iTunes U ▼ Apple ▼ del.icio.us ▼ Sports ▼ Personal ▼ Wii Seeker facebook home search browse invite help logout Cole Camplese's Profile (This is you) **Penn State** Q- Search Cole Camplese Penn State Faculty My Profile edit My Friends Relationship Status: Married My Photos March 28, 1972 Birthday: My Shares Bloomsburg, PA Hometown: My Notes Political Views: Liberal My Groups My Events **▼** Mini-Feed My Messages Displaying 10 stories. See All View More Photos of Me My Mobile Edit My Profile My Account Create a Profile Badge Cole is getting ready to play more Wii. 1:46pm My Privacy **▼** Status Cole wrote on Jen Reeves' wall. 1:45pm 3 updates this week. Turn Your Lole and Jen Reeves are now friends. 1:42pm Facebook Ele Cole is building slides for a Photos Updated just a moment ago Cole is waiting for his lunch meting. 11:13am Cole is running late for breakfast. 7:04am **▼** Penn State Friends 56 friends at Penn State. See All Lack Cole joined the group Change your Penn State Access Account Cole wrote on Bart Pursel's wall. 3:39pm **Prints** Lole and Kathy Christoph are now friends. 11:43am La Cole and Jeff Kuhns are now friends. 5:36pm Rishi Das Cole commented on Jason Johnson's photo. 4:04pm Calendars 66 Get off his back ... I am just letting him borrow it for the weekend. Jeez. 33 Michael Patrick Craven Besong Pitocco **▼** Information ▼ Friends in Other Networks Contact Info [edit] **Posters** cwc5@psu.edu Email: Networks with the most friends and more! AIM: etscole Penn State (56) Posters

.

<u>し</u>

- 15

Defined

- **■** Environments that enable:
 - Profile creation
 - FOAF opportunities
 - Ad hoc group formation
 - Connections and collaboration

+

FaceBook

- Nationally 75-85% of students are in the FaceBook
- 83% of PSU students are in the FB 8% are starting in High School ... today
 - 60% log in daily and 80% update their profiles several times a month!

+

<u>|</u>

My Space

- 50% of students have My Space accounts
 - ►60% created their accounts between 15-18 years old
- 45% log in at least once a day

23% spend more than 5 hours a week in these spaces

+

->>:

So What!

- Connected communities are changing the speed at which conversations and information are created:
 - VA Tech support
 - PSU Football ticket lottery
- Students will move their coursework into these environments with or without us.



L

20

Thoughts

- I wonder what the average stats are for:
 - ANGEL courses
 - University website?
 - Personal webspace?
- This trend will continue
- Will we be able to integrate these features and can we attract this kind of mind share?
 - Should we?

+

C

+ 12

What "They" Say

- I use it because:
 - It isn't controlled by you!
 - It is social, active, and really easy
 - I can control who I am ...
 - I can express myself with ease

+

00

+

What are the other technologies that enable them to express themselves easily?

Video Sharing



Creation and Consumption

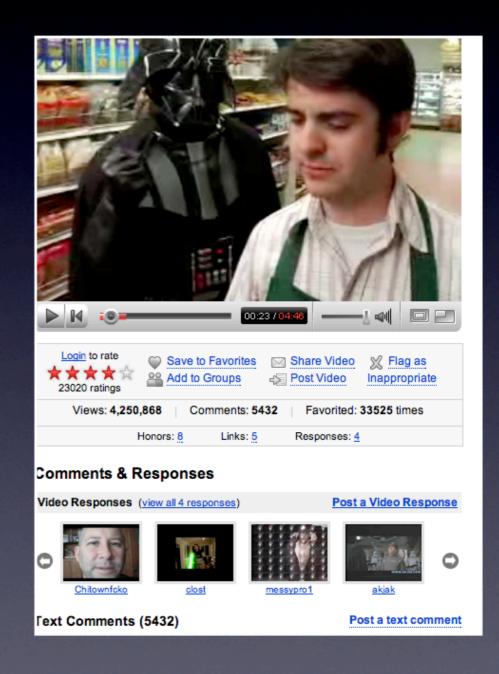
- 85% of young broadband users watch video online
- 62% have watched YouTube videos
- 19% have posted
- At Penn State:
 - 86% report regularly watching
 - 18% have create and posted



Mainstream media is important, but they like the amateur stuff better.

The Social Part

- We all seem to understand the creation and posting
- Look at the video responses, ratings, and conversation that ensues
- Why don't we envision this kind of community around an educational artifact?



What Does it Mean?

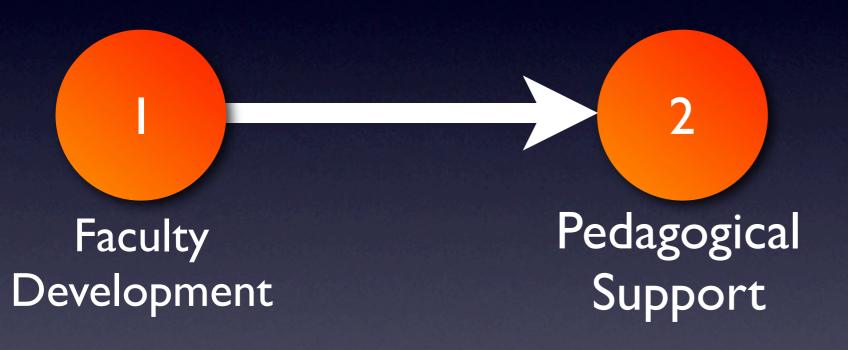
We need to provide opportunities for students to live digital lives.

From Faculty Introduction to Student Achievement

From Faculty Introduction to Student Achievement



From Faculty Introduction to Student Achievement



From Faculty Introduction to Student Achievement



The Digital Commons

- Digital Media Studios at all locations of the University
- Provides:
 - Centrally managed equipment
 - High end digital audio and video
 - Full time staff to travel to all locations

That means we can offer 82,000 students a common platform and set of opportunities for embracing digital media.

Services

- Currently we offer digital media services:
 - Streaming Server
 - https://streaming.psu.edu
 - SCOLA Foreign Language News Service
 - http://ets.tlt.psu.edu/scola
 - UP Digital Commons in Pollock
 - Faculty
 - Students

Podcasts at Penn State



What is Podcasting?

- Combination of the words iPod and broadcasting
- More than just audio on the web
- Selectively subscribed to by users
- RSS delivers the enclosed file (any type of file) to the subscriber automatically



Podcasting Growth

- Doc Searls began keeping track of how many hits Google found for the word "podcast"
 - September 28, 2004 there were 24 hits
 - September 30, 2004 there were 526 hits
 - October 2, 2004 there were 2,750 hits
 - October 18, 2004 passed 100,000 hits

Podcasting Growth

- Doc Searls began keeping track of how many hits Google found for the word "podcast"
 - September 28, 2004 there were 24 hits
 - September 30, 2004 there were 526 hits
 - October 2, 2004 there were 2,750 hits
 - October 18, 2004 passed 100,000 hits

Did you mean, "broadcasting" ... my first Google search result in early September 2004

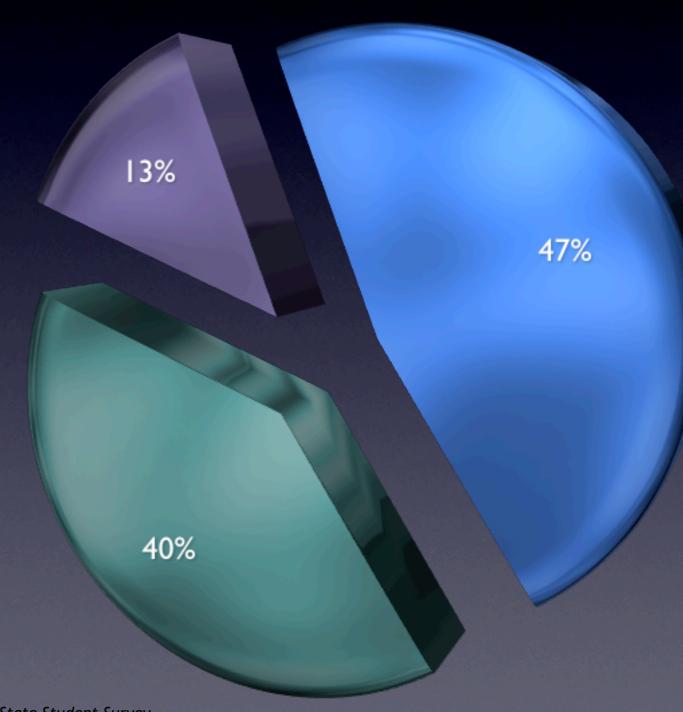
Quick PSU Stats

Opportunity

PSU MP3 Player Ownership

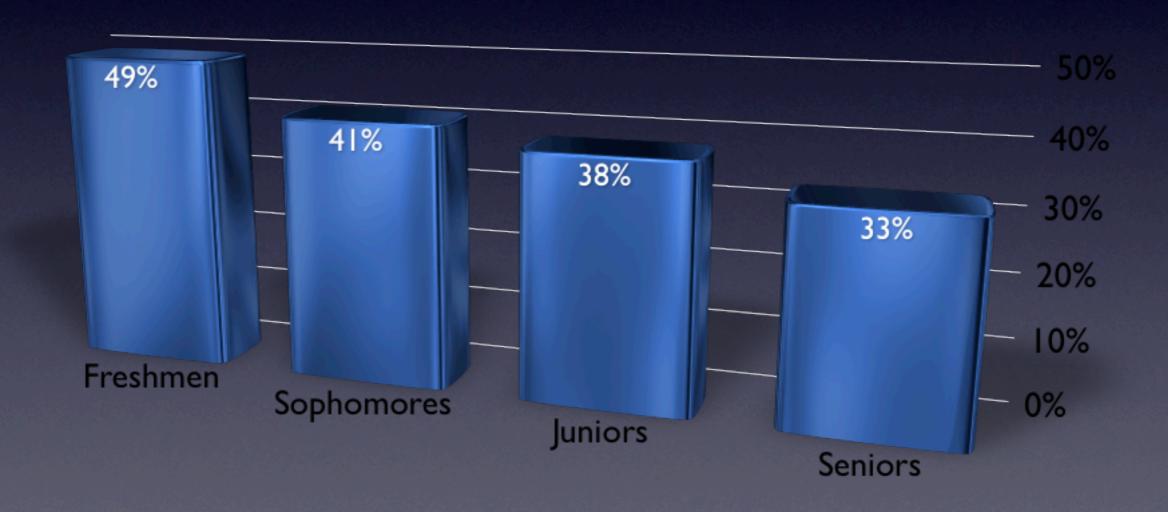
- iPod
- Other than iPod
- Do Not Own

87% of PSU students own an MP3 Player



MP3 Player Ownership by Class

Class Standing



Fall Pilot Highlights

- About 35 sections participated
- Less podium podcasting than expected
- Students listened

Fall Pilot Highlights

- 77% listened to their class podcasts at least once
- 54% used lecture notes while listening
- 55% reported the podcasts help them be better prepared for class or online discussion

Spring Pilot

- 120 sections (Over 100 faculty)
- More than 2300 course podcasts
- All Campuses are represented

Podcast Shows at PSU

- WPSU
- Research Unplugged
- Center for the Performing Arts
- Conferences TLT Symposium
- Colleges & Campuses
- ETS Talk

Podcast Shows at PSUS

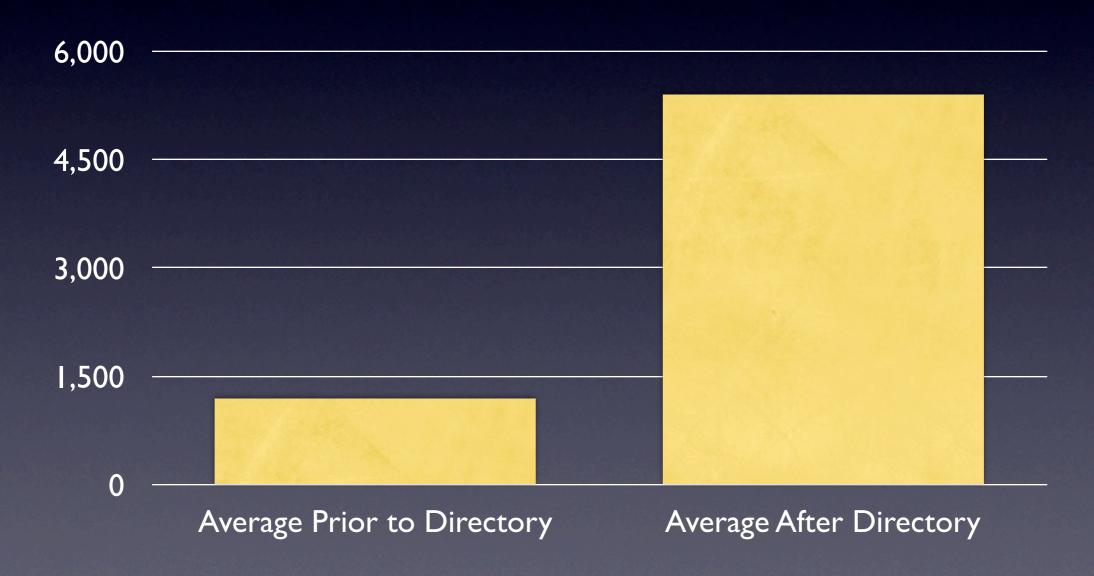
- WPSU
- Research Unplugged
- Center for the Party ming Arts
- Conferences TLT Symposium
- Complete & Campuses
 - ETS Talk

iTunes U Directory



Lots of Eyes (& Ears)

Downloads per Week



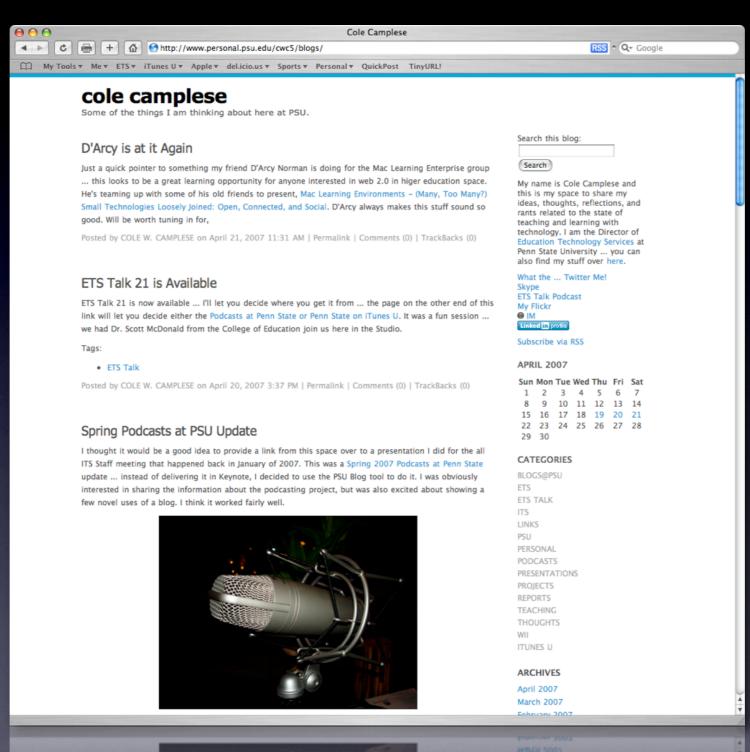
Podcasting Spaces



Studios Emerging on Campus

podcasts@psu.edu

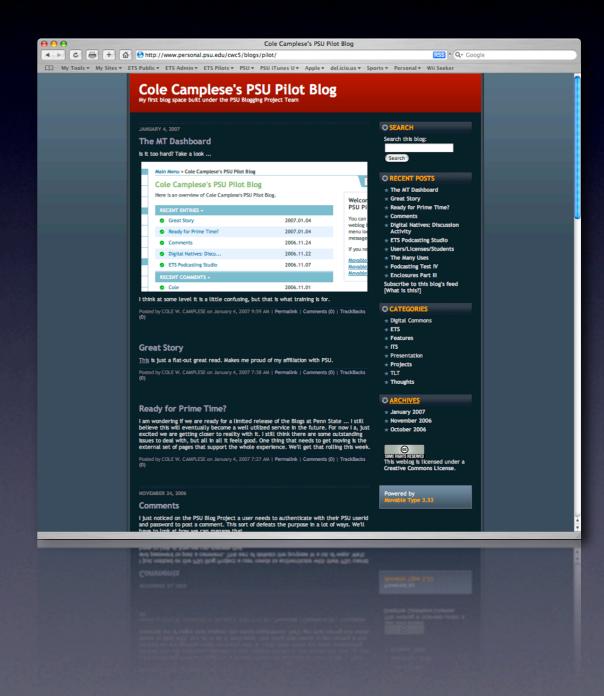
Blogs at Penn State



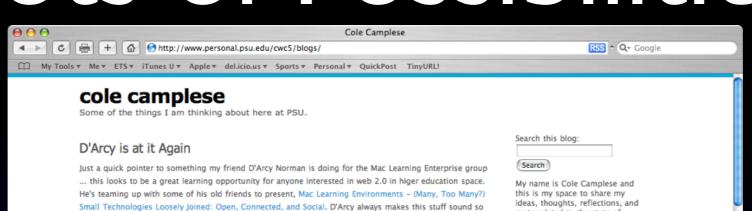


Trying to Define Blog ...

- Started as a place for personal reflection, storytelling, etc
- Posts are individual entries
- Posts can be commented on by any visitor to the site
- Blogs are powerful personal content management spaces



Lots of Possibilities



ETS Talk 21 is Available

good. Will be worth tuning in for,

ETS Talk 21 is now available ... I'll let you decide where you get it from ... the page on the other end of this link will let you decide either the Podcasts at Penn State or Penn State on iTunes U. It was a fun session ... we had Dr. Scott McDonald from the College of Education join us here in the Studio.

Posted by COLE W. CAMPLESE on April 21, 2007 11:31 AM | Permalink | Comments (0) | TrackBacks (0)

Tags

ETS Talk

Posted by COLE W. CAMPLESE on April 20, 2007 3:37 PM | Permalink | Comments (0) | TrackBacks (0)

Spring Podcasts at PSU Update

I thought it would be a good idea to provide a link from this space over to a presentation I did for the all ITS Staff meeting that happened back in January of 2007. This was a Spring 2007 Podcasts at Penn State update ... instead of delivering it in Keynote, I decided to use the PSU Blog tool to do it. I was obviously interested in sharing the information about the podcasting project, but was also excited about showing a few novel uses of a blog. I think it worked fairly well.



My name is Cole Camplese and this is my space to share my ideas, thoughts, reflections, and rants related to the state of teaching and learning with technology. I am the Director of Education Technology Services at Penn State University ... you can also find my stuff over here.

What the ... Twitter Me! Skype ETS Talk Podcast My Flickr IM

Linked in profile

Subscribe via RSS

APRIL 2007

 Sun Mon Tue Wed Thu
 Fri
 Sat

 1
 2
 3
 4
 5
 6
 7

 8
 9
 10
 11
 12
 13
 14

 15
 16
 17
 18
 19
 20
 21

 22
 23
 24
 25
 26
 27
 28

 29
 30

CATEGORIES

BLOGS@PSU ETS ETS TALK ITS LINKS PSU PERSONAL PODCASTS PRESENTATIONS PROJECTS REPORTS TEACHING THOUGHTS WII

ARCHIVES April 2007

March 2007



ots of Possibilities

Faculty Course Pages



ePortfoilo Light

cole camplese

Some of the things I am thinking about here at PSU.

D'Arcy is at it Again

Just a quick pointer to something my friend D'Arcy Norman is doing for the Mac Learning Enterprise group ... this looks to be a great learning opportunity for anyone interested in web 2.0 in higer education space. He's teaming up with some of his old friends to present, Mac Learning Environments - (Many, Too Many?) Small Technologies Loosely Joined: Open, Connected, and Social. D'Arcy always makes this stuff sound so good. Will be worth tuning in for,

osted by COLE W. CAMPLESE on April 21, 2007 11:31 AM | Permalink | Comments (0) | TrackBacks (0)

Team Work Spaces

lk 21 is Available

is now available ... I'll let you decide where you get it from ... the page on the other end of this you decide either the Podcasts at Penn State or Penn State on iTunes U. It was a fun session ... Scott McDonald from the College of Education join us here in the Studio.

COLE W. CAMPLESE on April 20, 2007 3:37 PM | Permalink | Comments (0) | TrackBacks (0)

Spring Podcasts at PSU Update

I thought it would be a good idea to provide a link from this space over to a presentation I did for the all ITS Staff meeting that happened back in January of 2007. This was a Spring 2007 Podcasts at Penn State update ... instead of delivering it in Keynote, I decided to use the PSU Blog tool to do it. I was obviously interested in sharing the information about the podcasting project, but was also excited about showing a



Search this blog

Search

My name is Cole Camplese and this is my space to share my ideas, thoughts, reflections, and rants related to the state of teaching and learning with technology. I am the Director Penn State University . also find my stuff over

RSS - Q- Google

ETS Talk Podcast My Flickr

Course

Conversation

APRIL 2007

Sun Mon Tue Wed 1 2 3

8 9 10 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

CATEGORIES

BLOGS@PSU

ETS TALK ITS LINKS PSU PERSONAL

PODCASTS PRESENTATIONS PROJECTS

REPORTS TEACHING THOUGHTS WII

ARCHIVES

ITUNES U

April 2007

Note Management

March 2007

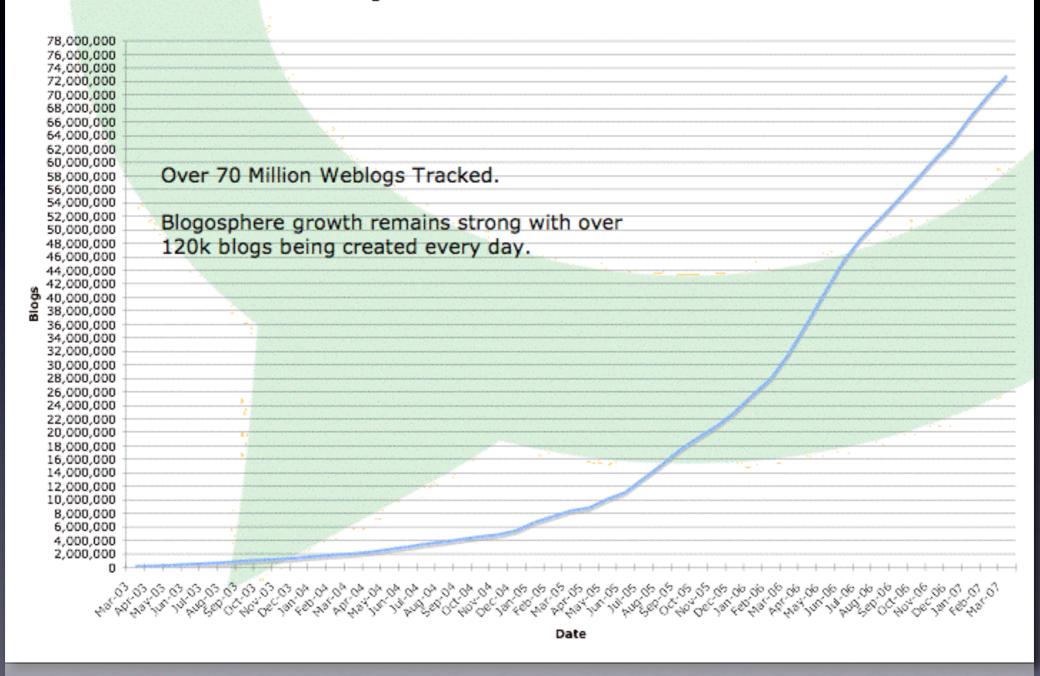
Podcasting Environments

Why Provide Blogs?

Blogosphere Growth



Weblogs Cumulative: March 2003 - March 2007



Key Statistics

- Huge community: 70 million plus blogs
- About 120,000 new bogs created daily
 - I.4 blogs created every second of every day
- I.3 million posts a day
 - 15 posts per second

I wonder why only half of PSU students *activate* their webspace.

Traditional Web Publishing Model



Authoring







Authoring







Publishing





Authoring







Publishing





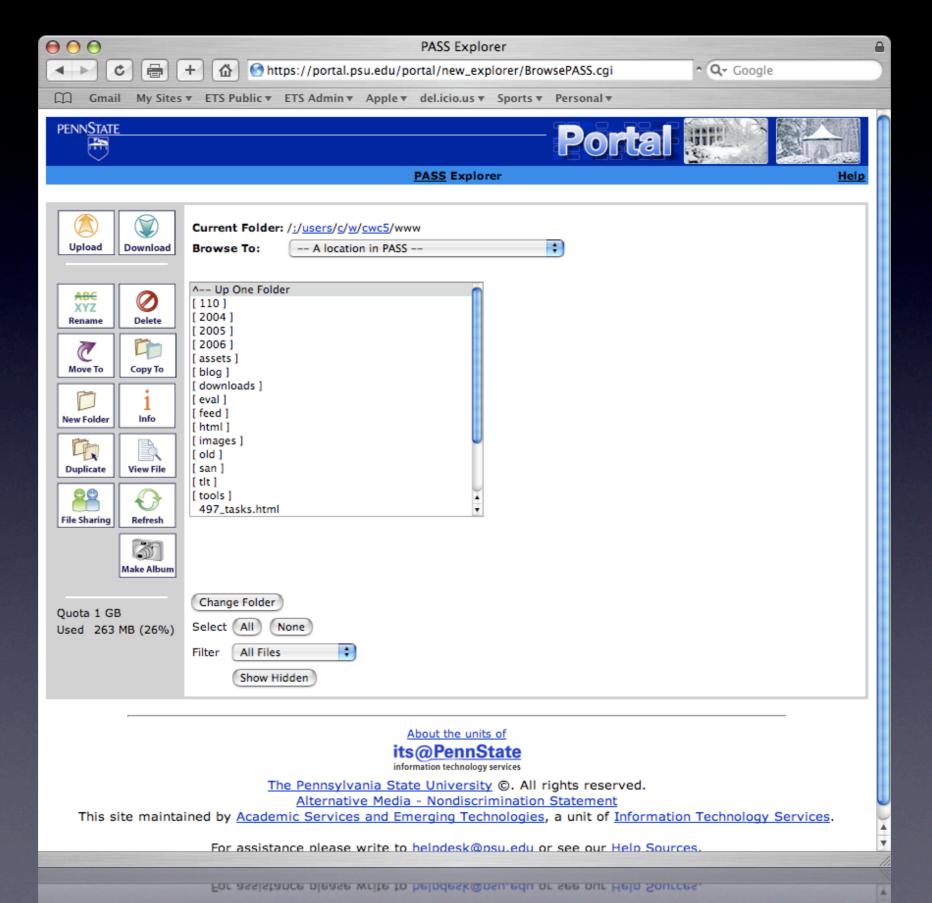
Browsing







The PSU Publish



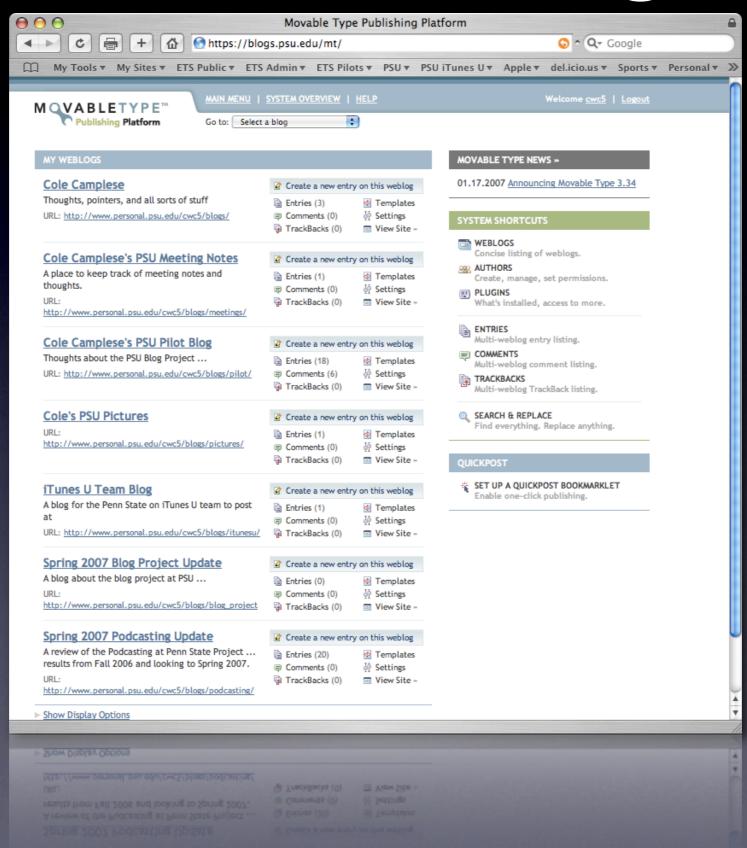
New PSU Model



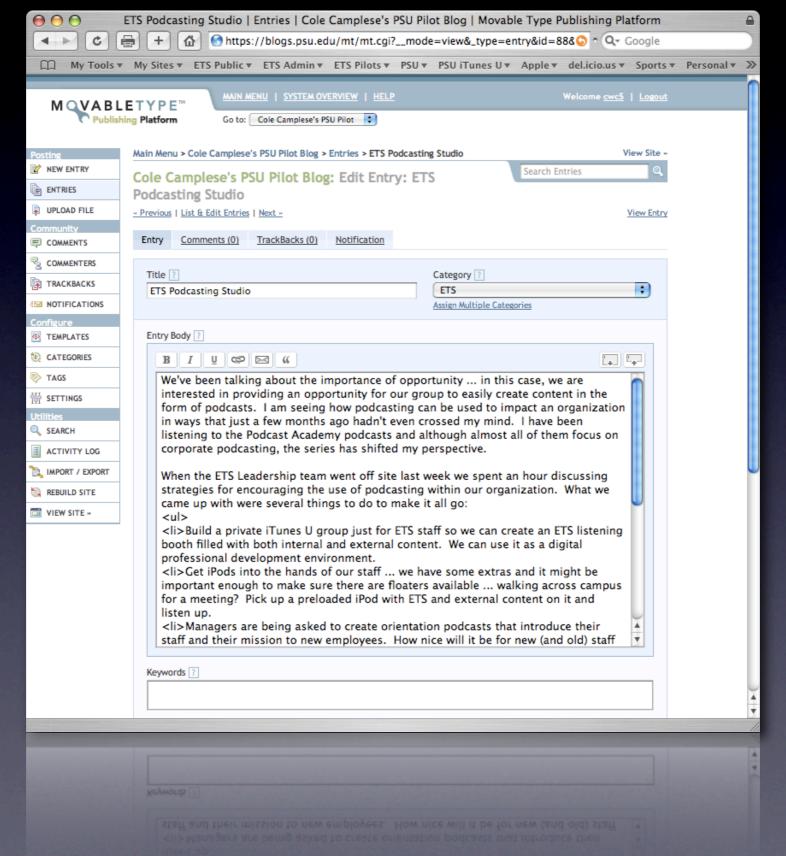




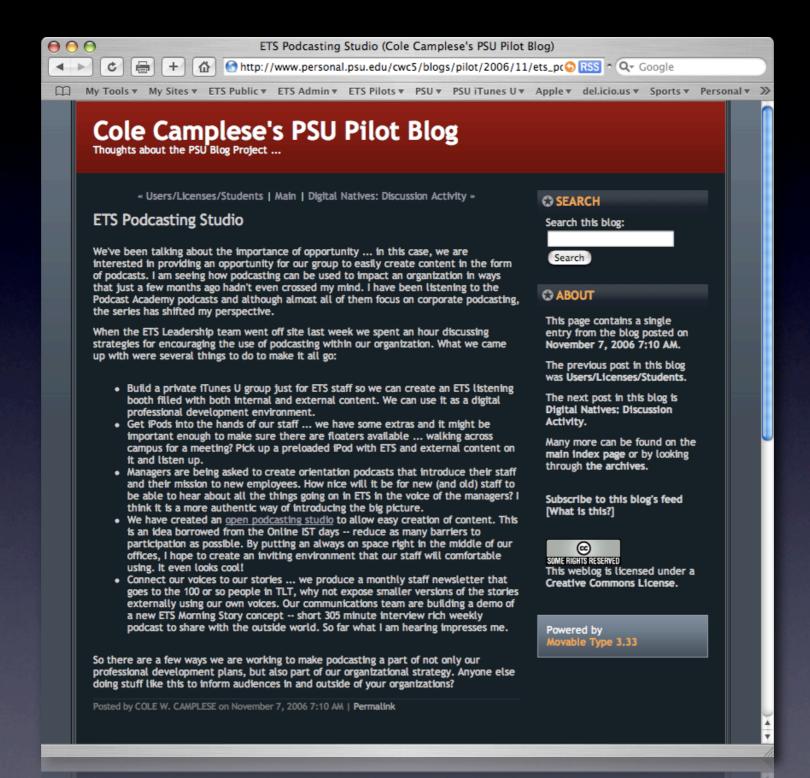
Select a Blog

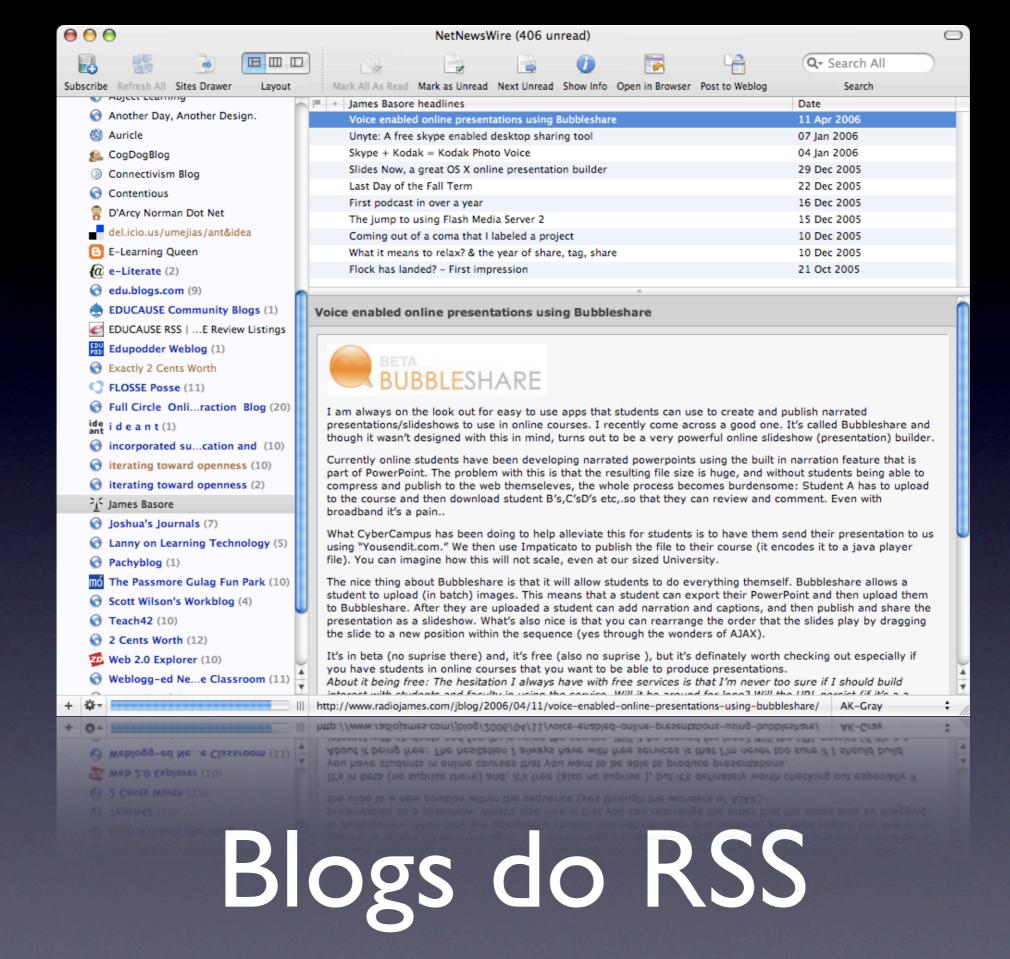


Type



Publish





RSS

- This is a baseline technology with growing adoption on our campus (20%)
- Users choose what content to have delivered to them
- Provides users with access to updated content quickly and easily
- Can be used to distribute files



Reuse & Recycle Content

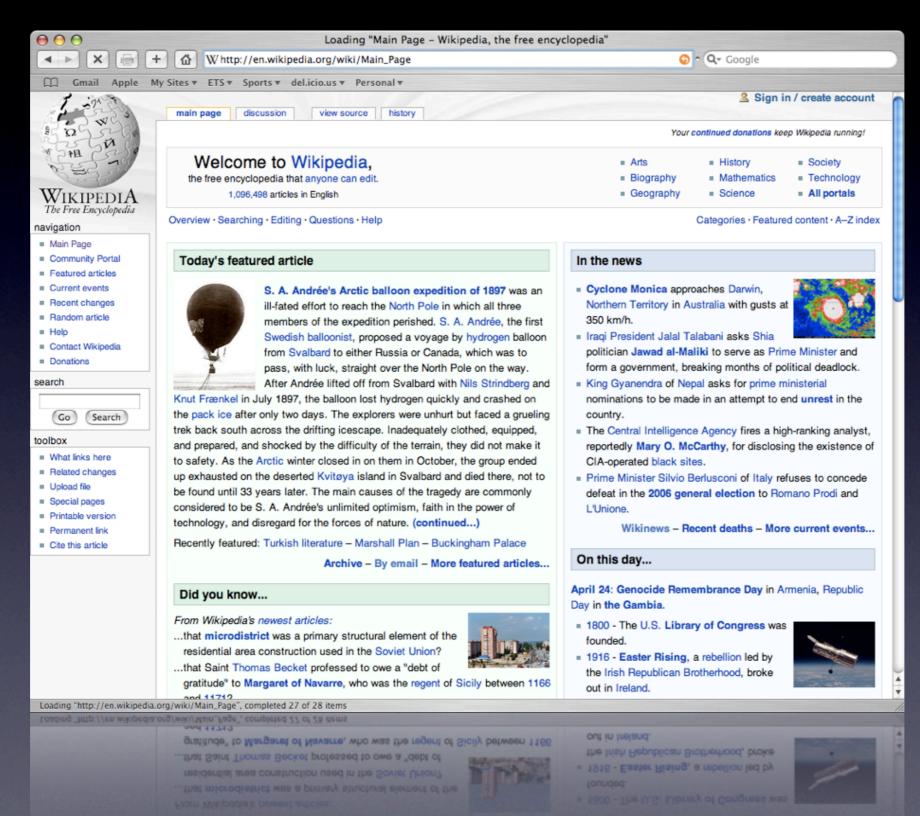
- New content mashups and opportunities:
 - Anything in a feed can be reused anywhere on the web
 - Goggle reader and public feeds
 - Feed2js

Blogs at Penn State

- Centrally hosted toolset based on MovableType
- Users can create as many blogs as they want
- Each blog is published into personal web space
- One click uploading and publishing of digital media

blogs@psu.edu

Collaboration



Collaborative Authoring

- Collaborative content creation
- Open and editable by the community
- Wikipedia is a perfect example of a community created resource with little governance
- Being used to enhance everything from project management, team writing assignments, and Intranet spaces

Wiki



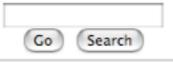
navigation

- Main Page
- Community Portal

The Free Encyclopedia

- Featured articles
- Current events
- Recent changes
- Random article
- Help
- Contact Wikipedia
- Donations

search



toolbox

- What links here
- Related changes
- Upload file
- Special pages
- Printable version
- Permanent link
- Cite this article

in other languages

- Deutsch
- Eesti

The United States Department of Labor is a Cabinet department of the United States government responsible for occupational safety, wage and hour standards, unemployment insurance benefits, reemployment services, and some economic statistics. Many U.S. states also have such departments. The department is headed by the United States Secretary of Labor.

Contents [hide]

- 1 History
- 2 Operating units
- 3 Related legislation
- 4 External links

History

In the words of the organic act, the Department's purpose is "to foster, promote and develop the welfare of working people, to improve their working conditions, and to enhance their opportunities for profitable employment."

The U.S. Congress first established a Bureau of Labor in 1884 under the Department of the Interior.

Later, the Bureau of Labor became an independent Department of Labor but lacked executive rank. It became a bureau again within the Department of Commerce and Labor, which was established February 14, 1903.

President Lyndon Johnson asked Congress to consider the idea of reuniting Commerce and Labor. He argued that the two departments had similar goals and that they would have more efficient channels of communication in a single department. However, Congress never acted on it.

Operating units

[edit]

- Administrative Review Board (ARB)
- Benefits Review Board (BRB)
- Bureau of International Labor Affairs (ILAB)
- Bureau of Labor Statistics (BLS)
- Center for Faith-Based and Community Initiatives (CFBCI)
- Employees' Compensation Appeals Board (ECAB)
- Employment Standards Administration (ESA)

Dept. of Labor

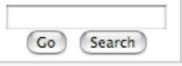
Sign in / create account





- Main Page
- Community Portal
- Featured articles
- Current events
- Recent changes
- Random article
- Help
- Contact Wikipedia
- Donations

search



toolbox

- What links here
- Related changes
- Upload file
- Special pages
- Printable version
- Permanent link
- Cite this article

in other languages

- Deutsch
- Eesti

employment services, and some nomic statistics. Many U.S. states also have such departments.

The department is headed by the United States Secretary of Labor.

Contents [hide]

- 1 History
- 2 Operating units
- 3 Related legislation
- 4 External links

[edit] History

In the words of the organic act, the Department's purpose is "to foster, promote and develop the welfare of working people, to improve their working conditions, and to enhance their opportunities for profitable employment."

The U.S. Congress first established a Bureau of Labor in 1884 under the Department of the Interior.

Later, the Bureau of Labor became an independent Department of Labor but lacked executive rank. It became a bureau again within the Department of Commerce and Labor, which was established February 14, 1903.

President Lyndon Johnson asked Congress to consider the idea of reuniting Commerce and Labor. He argued that the two departments had similar goals and that they would have more efficient channels of communication in a single department. However, Congress never acted on it.

Operating units

[edit]

March 4, 1913

March 5, 1913

Elaine L. Chao

Steven J. Law

17,347 (2004)

\$59.7 billion (2004)

Established:

Activated:

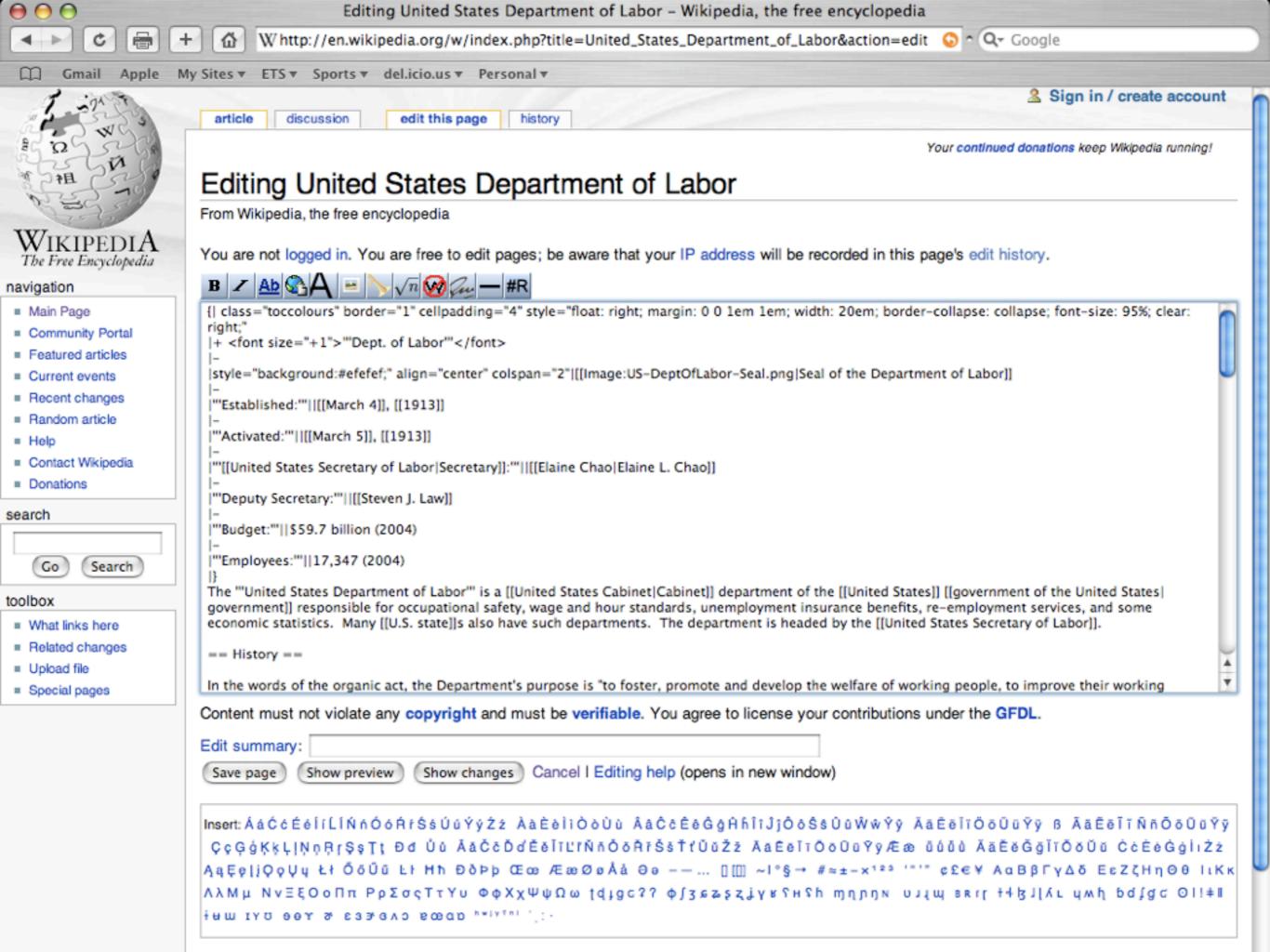
Secretary:

Budget:

Employees:

Deputy Secretary:

- Administrative Review Board (ARB)
- Benefits Review Board (BRB)
- Bureau of International Labor Affairs (ILAB)
- Bureau of Labor Statistics (BLS)
- Center for Faith-Based and Community Initiatives (CFBCI)
- Employees' Compensation Appeals Board (ECAB)
- Employment Standards Administration (ESA)

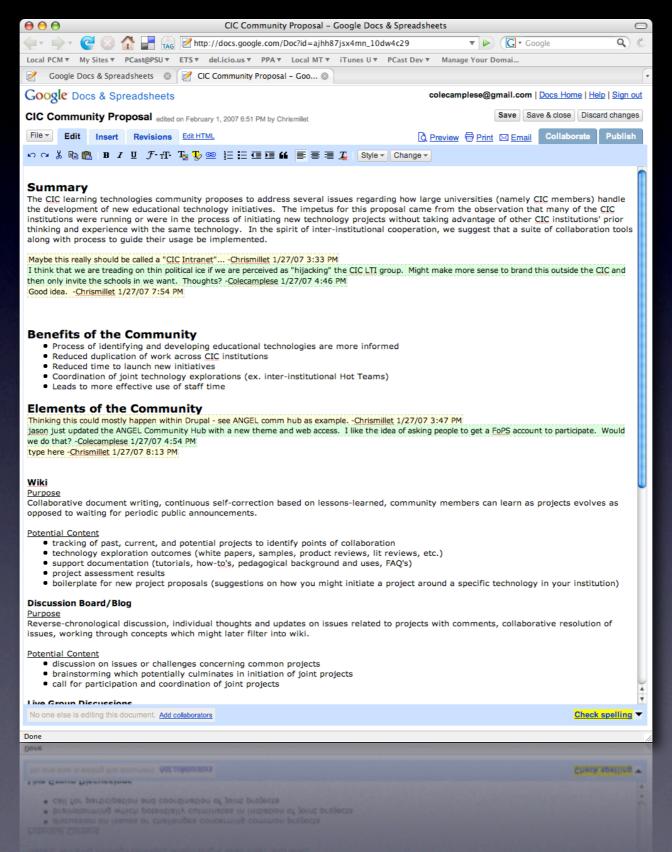


Penn State Wiki

- Currently being tested and assessed by the Emerging Technologies group within ITS
- Can be used by Penn State faculty and staff
- https://wiki.et-test.psu.edu/

The Next Killer Education App?

Google Docs



Google Docs

- Collaborative, web-based version of Word,
 Excel, and soon to be PowerPoint
- Single most popular tool I have ever used with students
 - They like it ... because they need it

Tapping the Power of the Community

http://ets.tlt.psu.edu/communities

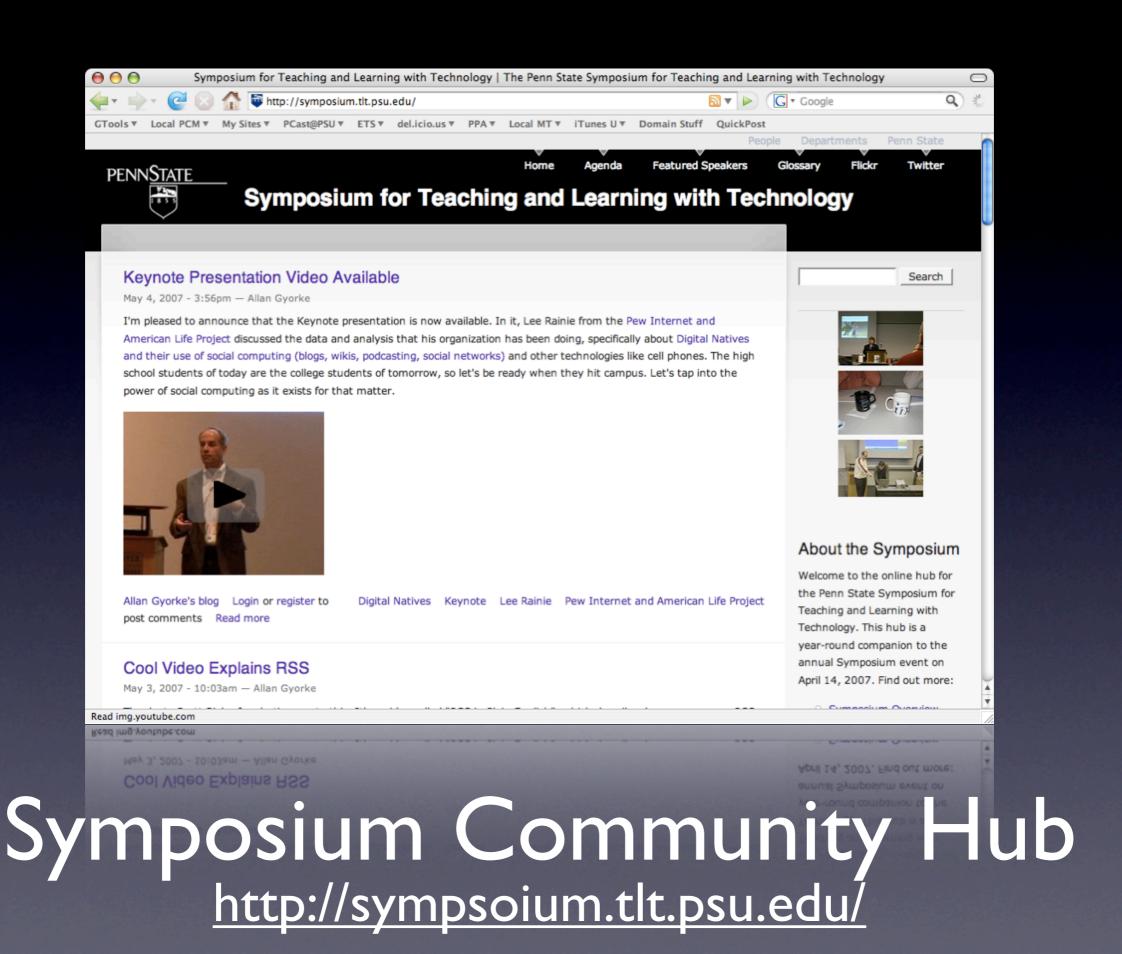
Support Challenges

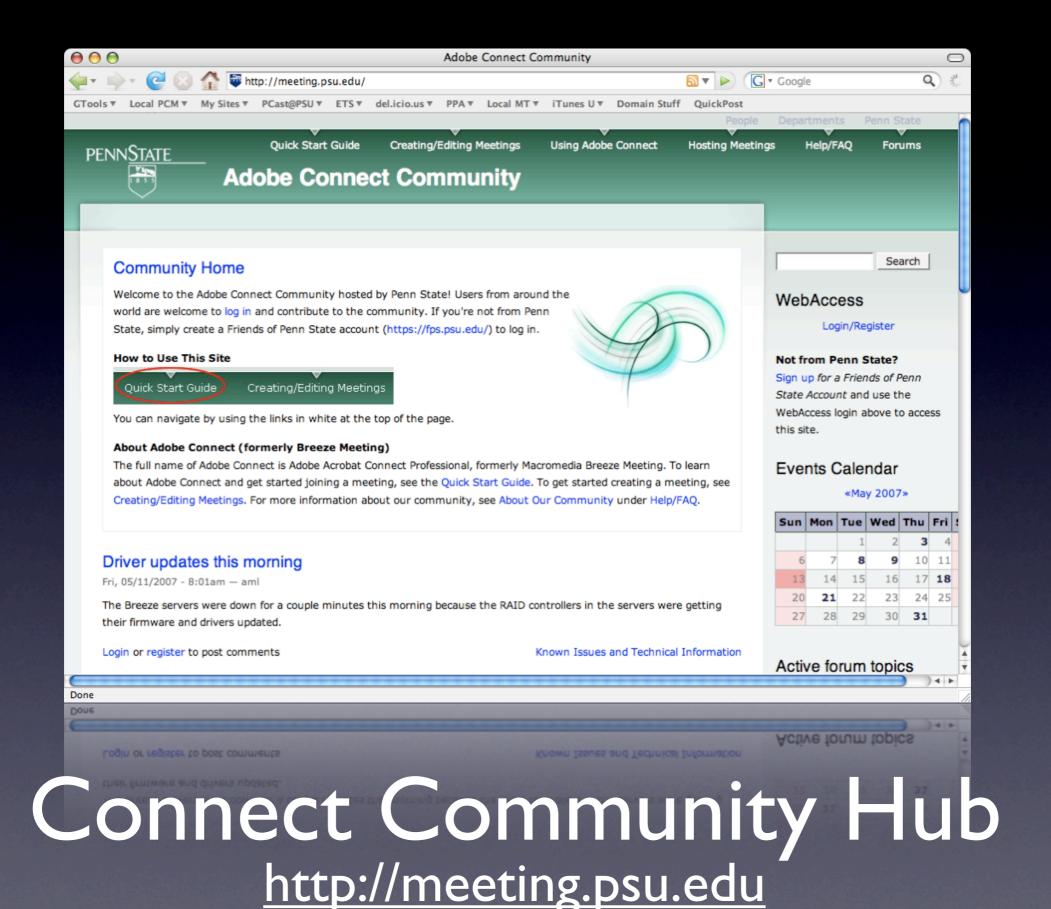
- With rapid dissemination comes new support challenges
- Hard envisioning new solutions ... let alone supporting them
- Faculty are embracing things at a new pace
- We need to speak more directly to our audiences

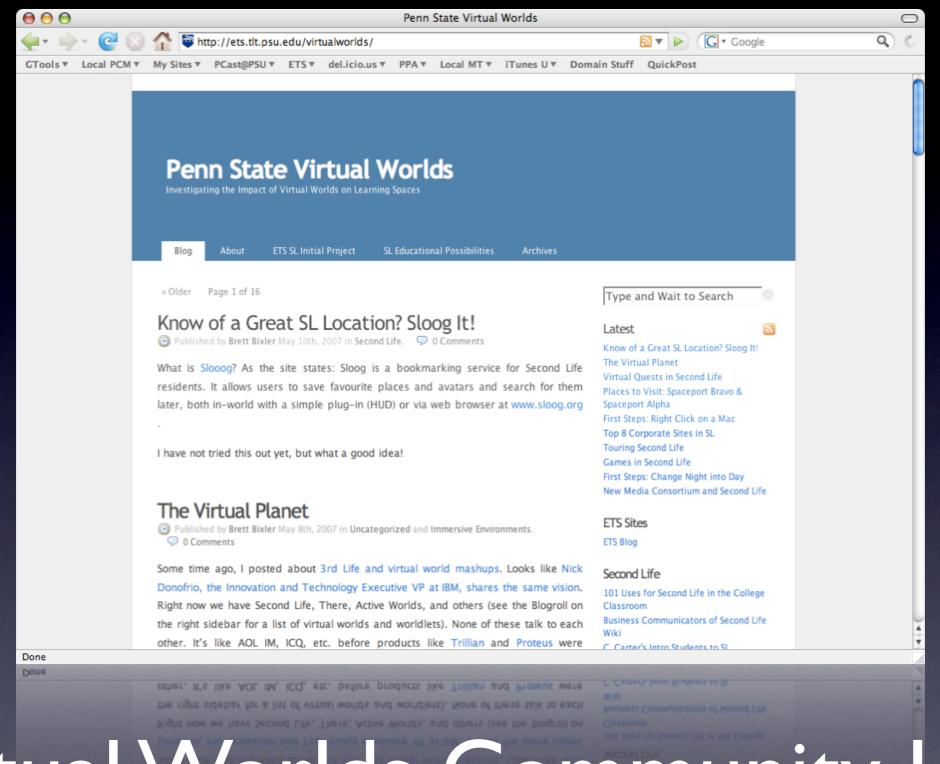
The Community Hub

- Last year we changed our support approach to integrate users into the process
- Each major initiative is supported by an online Community Hub space
- Every member of the Penn State community is free to access and create content

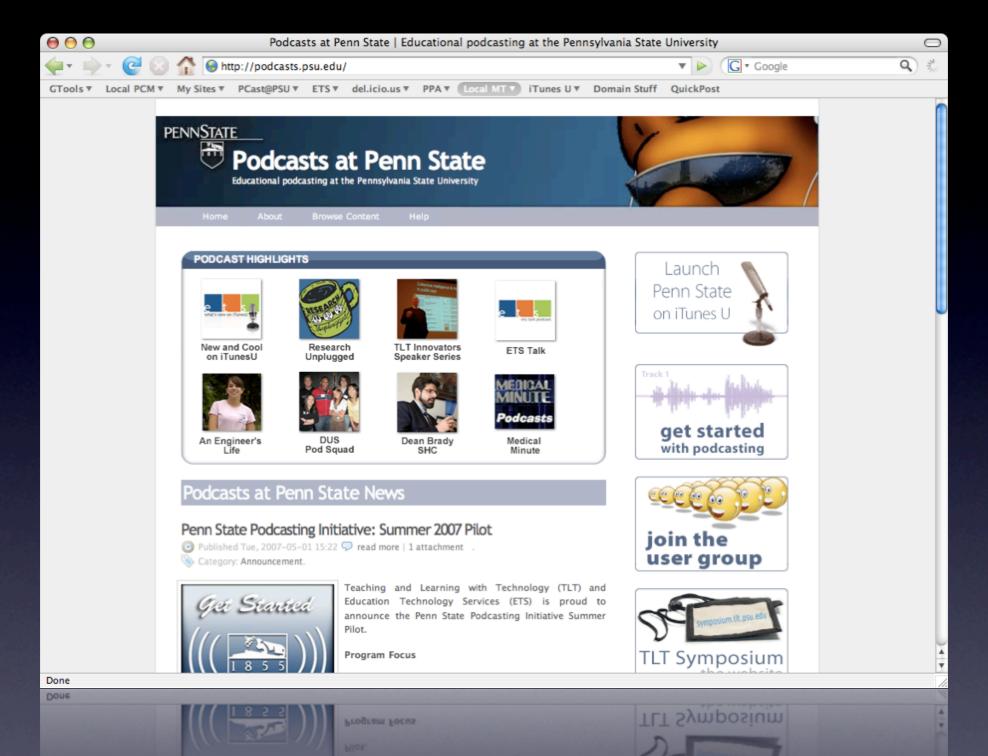




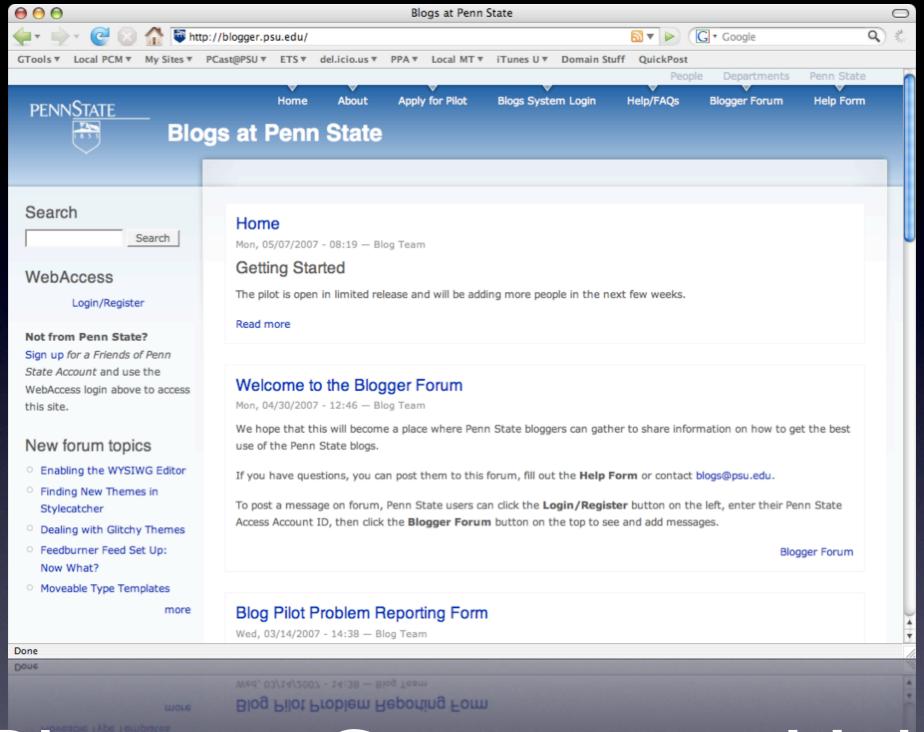




Virtual Worlds Community Hub http://ets.tlt.psu.edu/virtualworlds



Podcasting Community Hub http://podcasts.psu.edu



Blogging Community Hub http://blogger.psu.edu

staff. Read our blogs, see our photos, and join in the discussion!

PENNSTATE

TLT Community Aggregator





News aggregator

Penn State Shield Themes

Penn State Blog Pilot - Mon, 08/13/2007 - 14:46

The ETS designers have been experimenting with creating a few Penn State specific themes (complete with logos). To experiment with the themes, you can go to the Stylecatcher, then click Saved to see available themes (look for ones with "Penn State" in the name). See the Stylecatcher documentation for details - http://blogger.psu.edu/help/extras/selecttheme

A meta-hub of all of the community activity that is going on around Teaching and Learning with Technology, our partners, and our

But as always, we have to say that although our trusty designers test them as much as possible, you may encounter a few quirks. Probably the best recommendation I could make is to make your subtitles as short as possible so that you don't encounter weird spacing or wrapping issues.

By the way, Dave Stong has a clever way to make the shield clickable by using a widget with absolute postioning CSS. http://www.personal.psu.edu/drs18/blogs/davidstong/2007/05/a_widget_to_m...

Community Site Links

- Adobe Connect Community
- ANGEL Community Hub
- Blogs at Penn State
- Digital Commons
- Education Technology Services
- iPhone Testing
- Learning Design
- Podcasts at Penn State
- TLT Symposium Virtual Worlds

Studio 204 to be closed August 13-17

Digital Commons - Mon, 08/13/2007 - 14:30

Studio 204, a digital video production studio for students at University Park (http://tlt.its.psu.edu/studio204/), will be closed from August 13-17. The studio staff will be traveling to several Penn State campuses to help set up similar studios, as part of the Digital Commons initiative of Teaching and Learning with Technology (TLT), a unit of Information Technology Services. TLT apologizes for any inconvenience this closure may cause. Studio 204 will reopen August 20 in its temporary location within the University Learning Center, 7 Sparks Building.

Done

Meta Community Hub http://ets.tlt.psu.edu/communities



This Time Last Year

- We didn't have:
 - Podcasting Platform
 - Blogging Platform
 - Wiki Platform
 - Community-based support spaces

This Time Last Year

- We didn't have:
 - Podcasting Platform
 - Blogging Platform
 - Wiki Platform
 - Community-based support spaces

We Do Now!

Discussion? cole@psu.edu