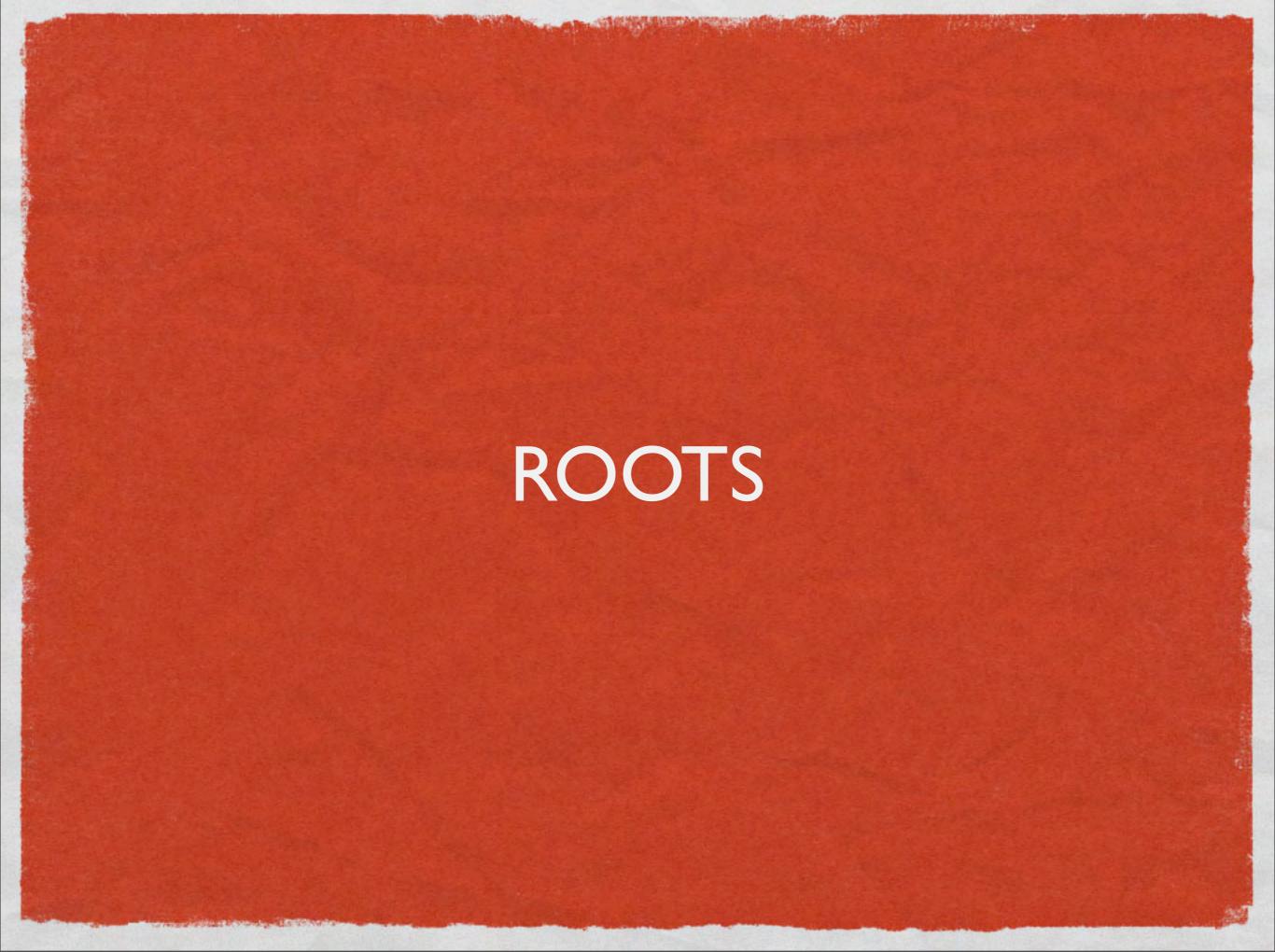
SOCIAL COMPUTING AND MUSIC TEACHING & LEARNING:

ROOTS, REALITIES, AND REASONED SPECULATION

David B. Williams Illinois State University, Emeritus Northwestern University

Peter R. Webster

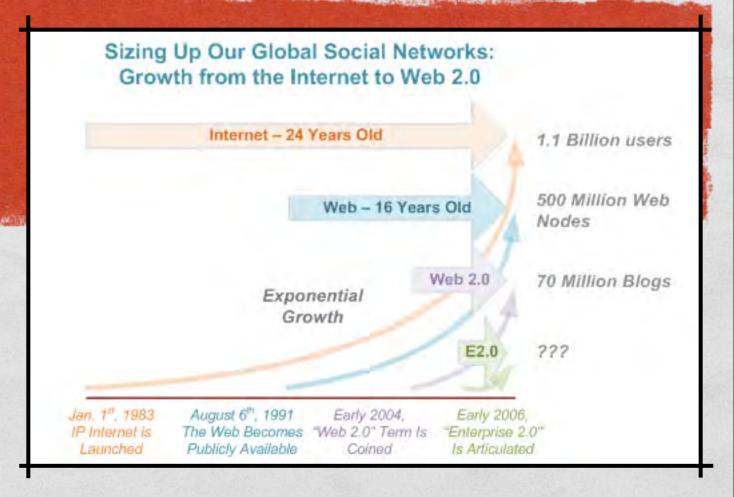


WEB 2.0

In alluding to the version-numbers that commonly designate software upgrades, the phrase "Web 2.0" hints at an improved form of the World Wide Web. Technologies such as weblogs (blogs), social bookmarking, wikis, podcasts, RSS feeds (and other forms of many-to-many publishing), social software, web application programming interfaces (APIs), and online web services such as eBay and Gmail provide a significant enhancement over read-only websites. Stephen Fry (actor, author, and broadcaster) describes Web 2.0 as "an idea in people's heads rather than a reality. It's actually an idea that the reciprocity between the user and the provider is what's emphasized. In other words, genuine interactivity if you like, simply because people can upload as well as download."

WIKIPEDIA (November 7, 2007)





Web 2.0 is about specific technologies (blogs, podcasts, wikis, etc) that are relatively easy to adopt and master. Social Computing is about the new relationships and power structures that will result. Think of it another way: Web 2.0 is the building of the Interstate Highway System in the 1950s; Social Computing is everything that resulted next (for better or worse): suburban sprawl, energy dependency, efficient commerce, Americans' lust for cheap and easy travel.

March 12th, 2006
(blogs.zdnet.com)
"The Shift to Social
Computing"
Posted by Dion
Hinchcliffe @ 7:26 am

SOCIAL COMPUTING

The generally accepted basic tenets of Social Computing are:

- I. Innovation is moving from a top-down to bottom-up model
- 2. Value is shifting from ownership to experiences
- 3. Power is moving from institutions to communities

March 12th, 2006 (blogs.zdnet.com)
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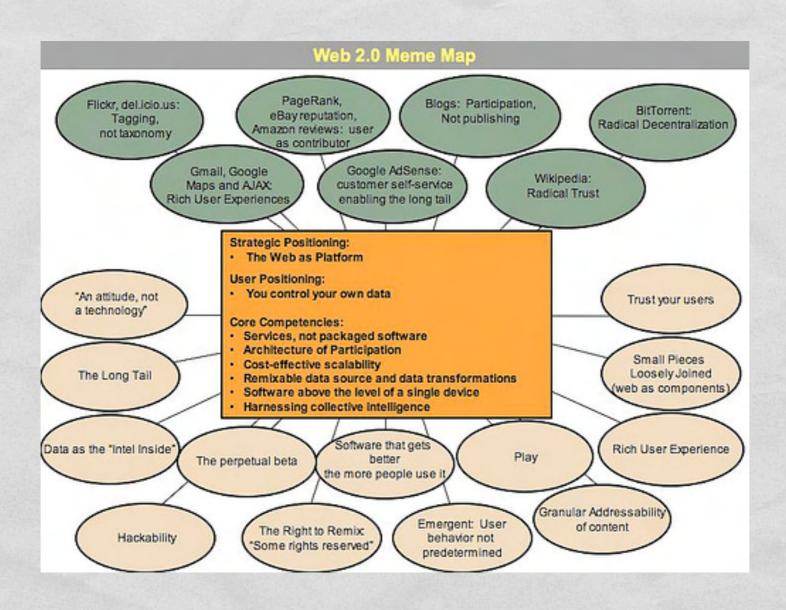
OTHER WAYS TO THINK OF SOCIAL COMPUTING

- An approach to interacting with the Internet that reempowers people in a less technical way and in a more content-based, creative way
- A way for people to connect with each other and less with formal institutions like businesses and schools
- The resulting interactions are not about control but about co-evolution

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Tim O'Reilly's Meme Map from September 2005

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www.oreilly.com/pub/a/oreilly/tim/news/2005/09/30/what-is-web-20.html



SlideShare now has private sharing!

- keep slideshows private
- send presentations for private viewing to clients, company colleagues
- share with all / some of your contacts
- embed on company intranets, password protected websites

You have COMPLETE control over what, where, how to share! and its FREE!

NOT EVERYTHING HAS TO BE "PUBLIC"!!



"DIGITAL DIVIDE"

COOLING
Socio-economic Level

WARMING
Teacher/Student
Parent/Child

WEB 2.0 TECHNOLOGIES

TYPE	FUNCTION	TOOLS
Communicative	To share ideas, information, and creations	 Blogs Audio- and Video-blogs IM-type tools Podcasts Webcams
Collaborative	To work with others for a specific purpose in a shared work area	Editing/writing toolsVirtual communities of practice (VCOPs)Wikis
Documentative	To collect and/or present evidence of experiences, thinking over time, productions, etc.	•Blogs •Videoblogs •E-portfolios
Generative	To create something new that can be seen and/or used by others	MashupsVCOPsVirtual Learning Worlds (VLWs)
Interactive	To exchange information, ideas, resources, materials	Learning objectivesSocial bookmarkingVCOPs and VLWs

McGee, Patricia and Veronica Diaz (2007). Wikis and podcasts and plogs! Oh, My! What is a faculty member supposed to do? EDUCAUSE Review, 42(5), pgs 28-40.

CREATING SOCIAL RELATIONSHIPS

Social Activities	Tools	
Discussion sharing	blogs, music web, hypemachine	
Profile sharing	facebook, myspace	
Media sharing	youtube, flickr, picassa, istockphoto	
News/bookmark sharing	del.icio.us, dig redditt, stumbleupon, simpy	
Information sharing	wiki's, podcasts	
Favorites sharing	mystrands, itunes mixes, pandora, tioti.com	
Curriculum sharing	curriki, rubistar.4teachers.org, lookabee	
Presentations sharing	slideshare, gliffy.com	
Alternative reality (VLMs)	second life, google virtual world	
Personal Management	backpackit, kiko, voo2do, Google Docs	

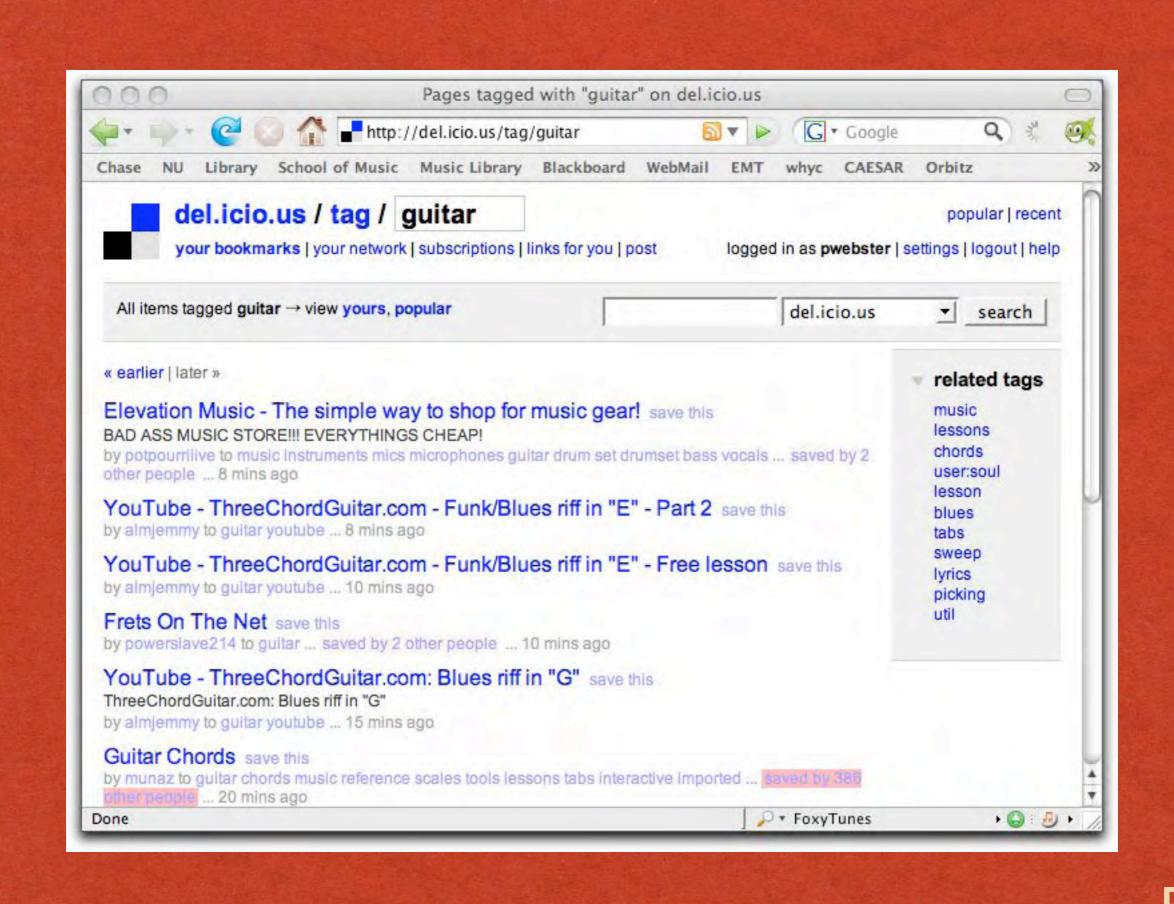
TAGS

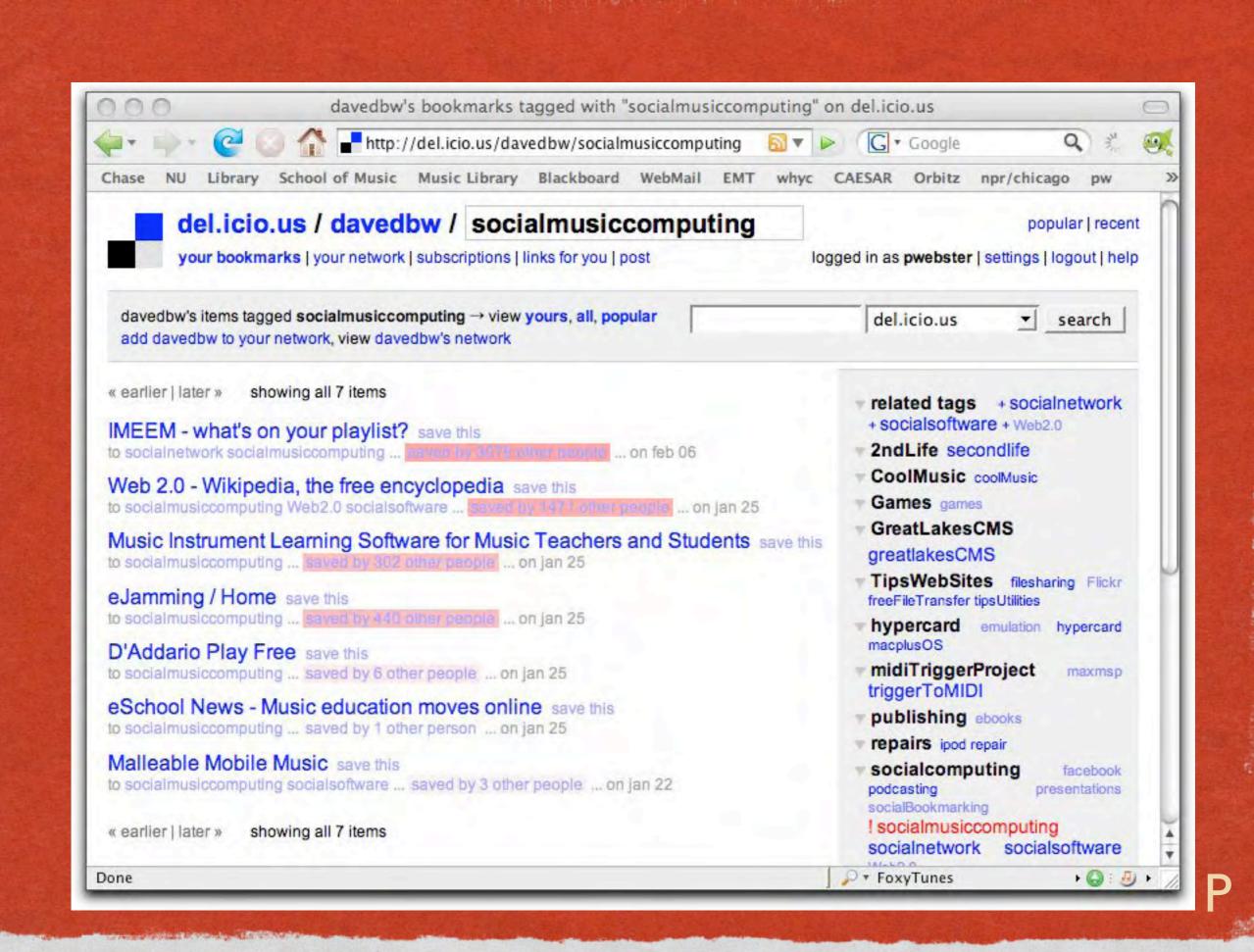
What are tags?

Tags are one-word descriptors that you can assign to your bookmarks on del.icio.us to help you organize and remember them. Tags are a little bit like keywords, but they're chosen by you, and they do not form a hierarchy. You can assign as many tags to a bookmark as you like and rename or delete the tags later. So, tagging can be a lot easier and more flexible than fitting your information into preconceived categories or folders.



net advertising ajax api apple architecture art article au audio bandslash blog blogging blogs book books business community computer cooking cool crafts CSS culture database design development diy download education electronics english environment fashion fic film finance firefox flash flickr food free freeware fun funny gallery game games gifts google graphics hardware health history home house howto humor illustration imported inspiration interesting internet iphone java javascript jobs knitting language law learning library lifehacks linux literature mac marketing media mobile money movies mp3 music news online opensource osx photo





Social computing through the eyes of the music instructor and those of our music students

MUSIC TEACHING & LEARNING +
SOCIAL COMPUTING

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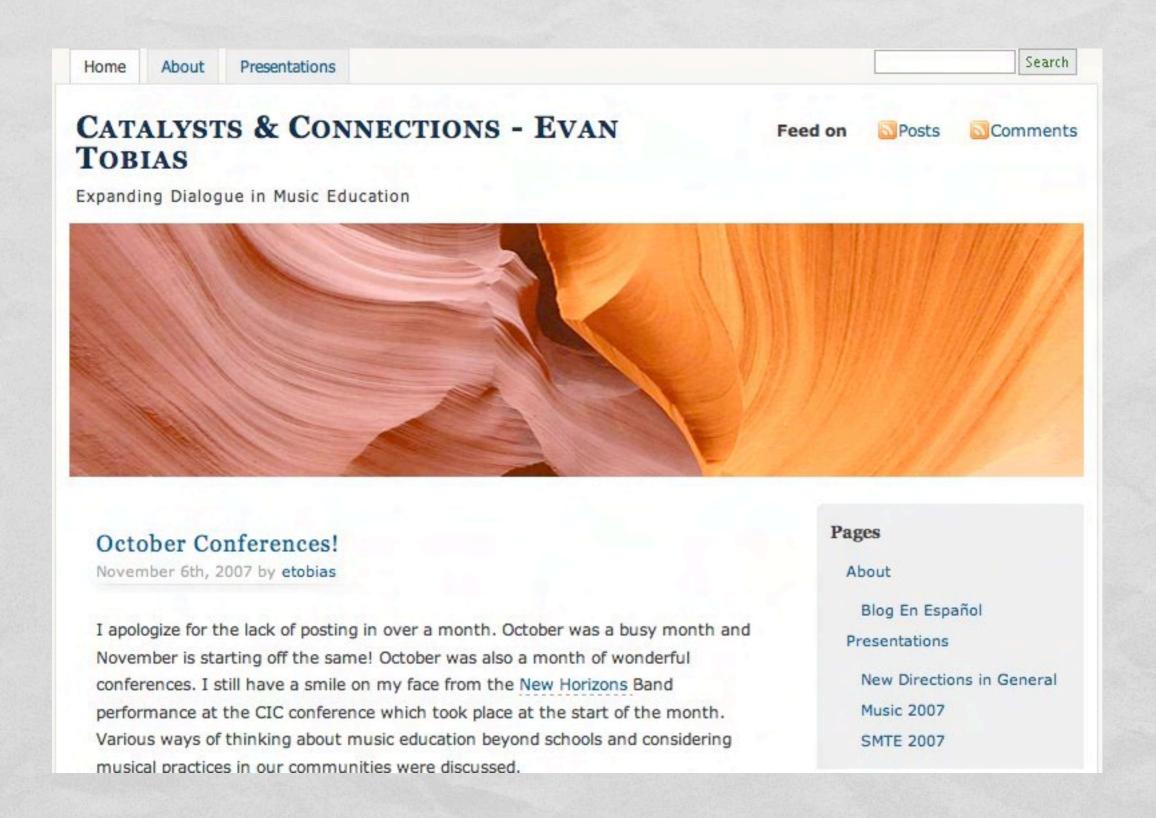


DISCUSSION SHARING

- blogs
- music web
- hypemachine

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Blog of Evan Tobias Main Page



Media within Blog

turntables musical instruments we're probably at a point where you could purchase them through your budget if you desired. At the end of this past school year, during a visit to the school at which I used to teach, one of my former general music students excitedly told me that his parents had purchased him one of the newer models of CD "turntables" and that he practices his "scratching" and DJ skills all the time. His final project for the class had been an improvised scratch performance over a track he had created in FLstudio.

I still think potential exists for hybrid school music programs and perhaps a collaboration between student turntablists and the more traditional school ensembles. After all, now there is not only a concerto for turntable and orchestra (I was present at the premiere performance in Carnegie Hall back in 2005) but a concerto for turntables and orchestra. Why not have a group of students work collaboratively on their own original turntable and acoustic instrument composition or maybe commission a piece for your school.

Concerto for Turntable & Orchestra



Music Blogroll

new music notes

wayne and wax

polyphonic

Sequenza 21 Composer

forum

Adaptristation

Greg Sandow

Post Classic - Kyle Gann

Alex Ross - the rest is noise

aworks

Swen's weblog

new music blog

artfull manager

musical perceptions

fullermusic

vilaine fille

rifftides

jazzportraits

can't stop won't stop

newblackman: Mark Anthony

Neal

Hip hop music -Jay Smooth

soul imperialist

Tara Henley

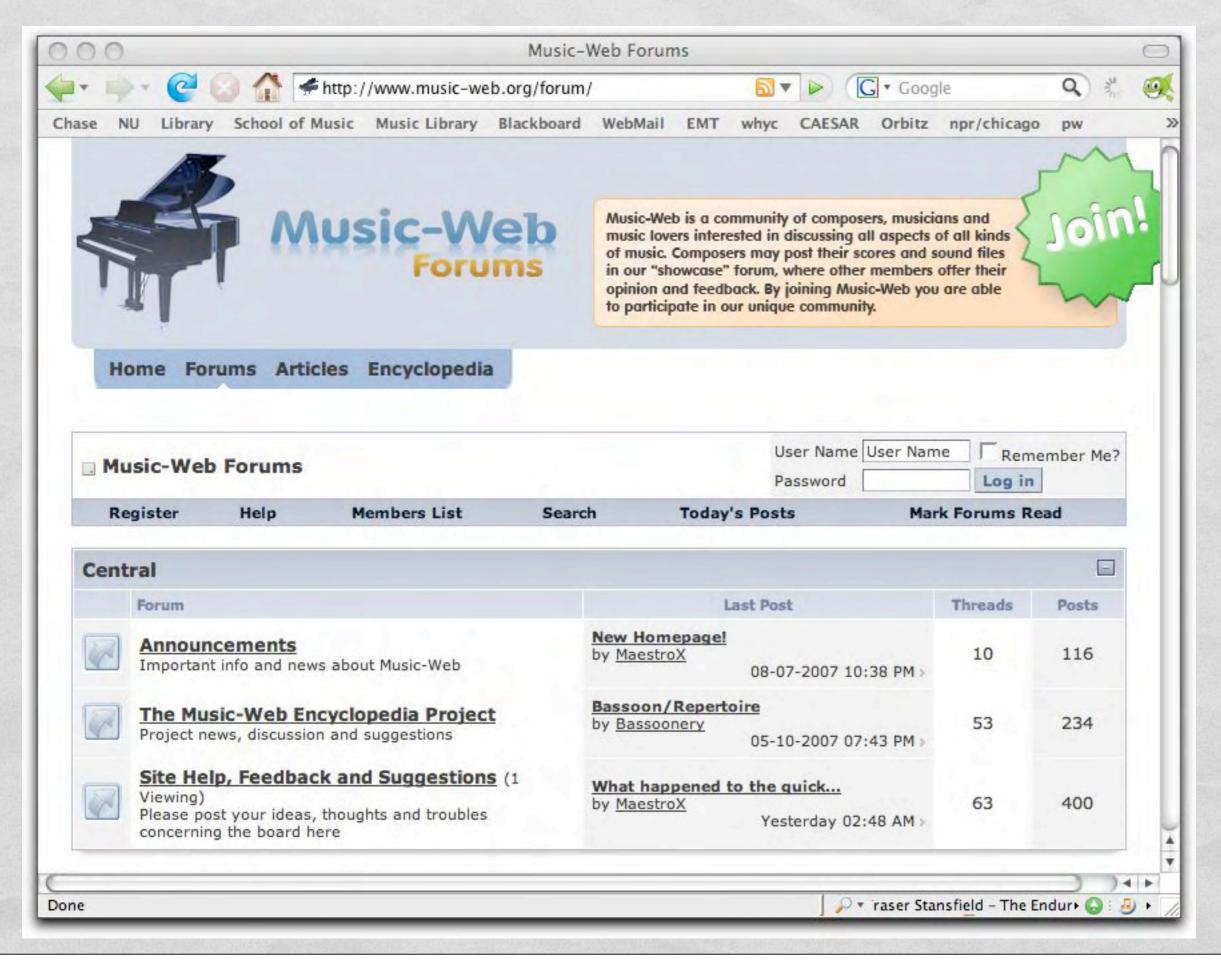
crazed by the music

horn notes

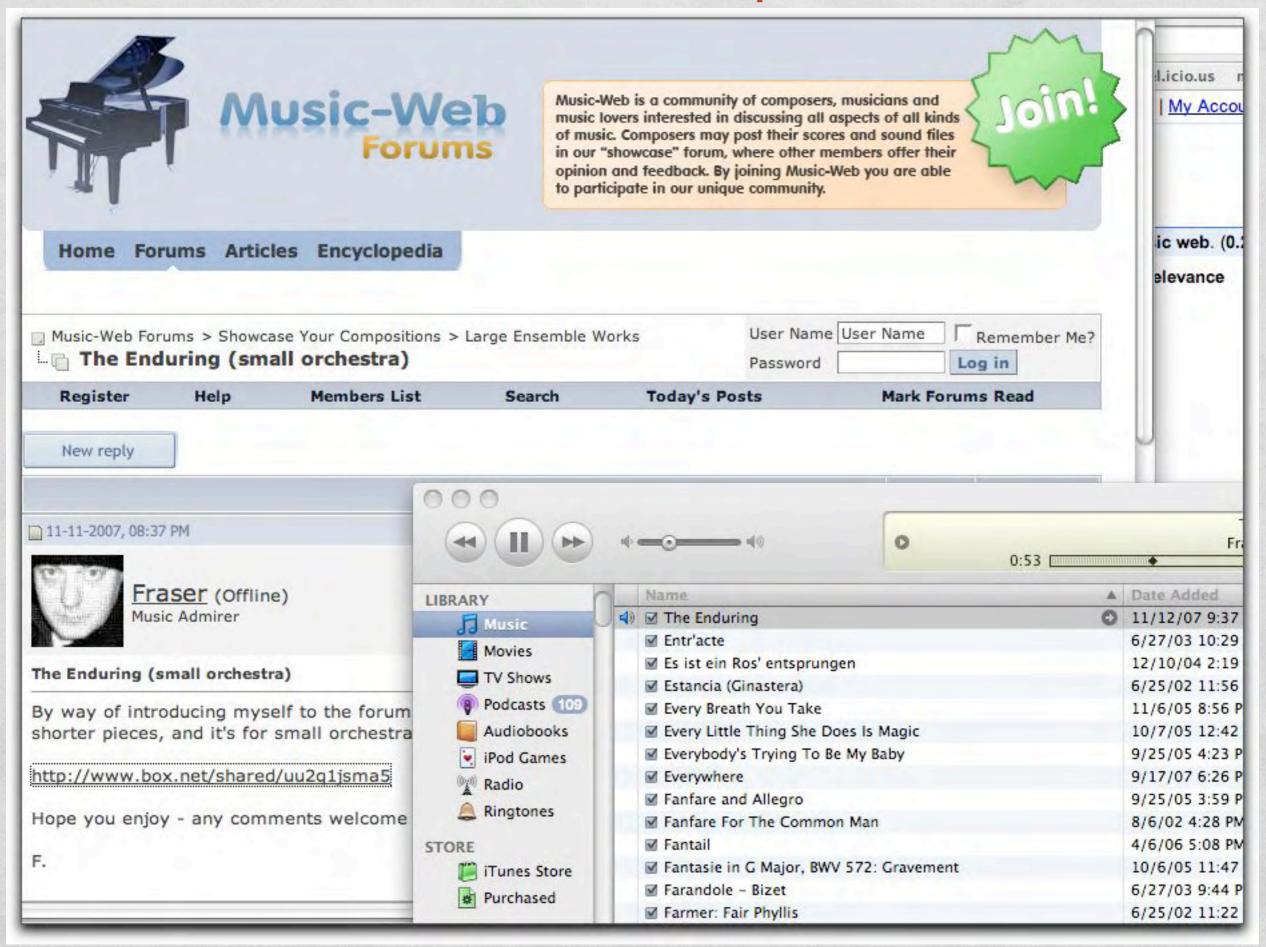
Brian Sacawa

twang twang twang

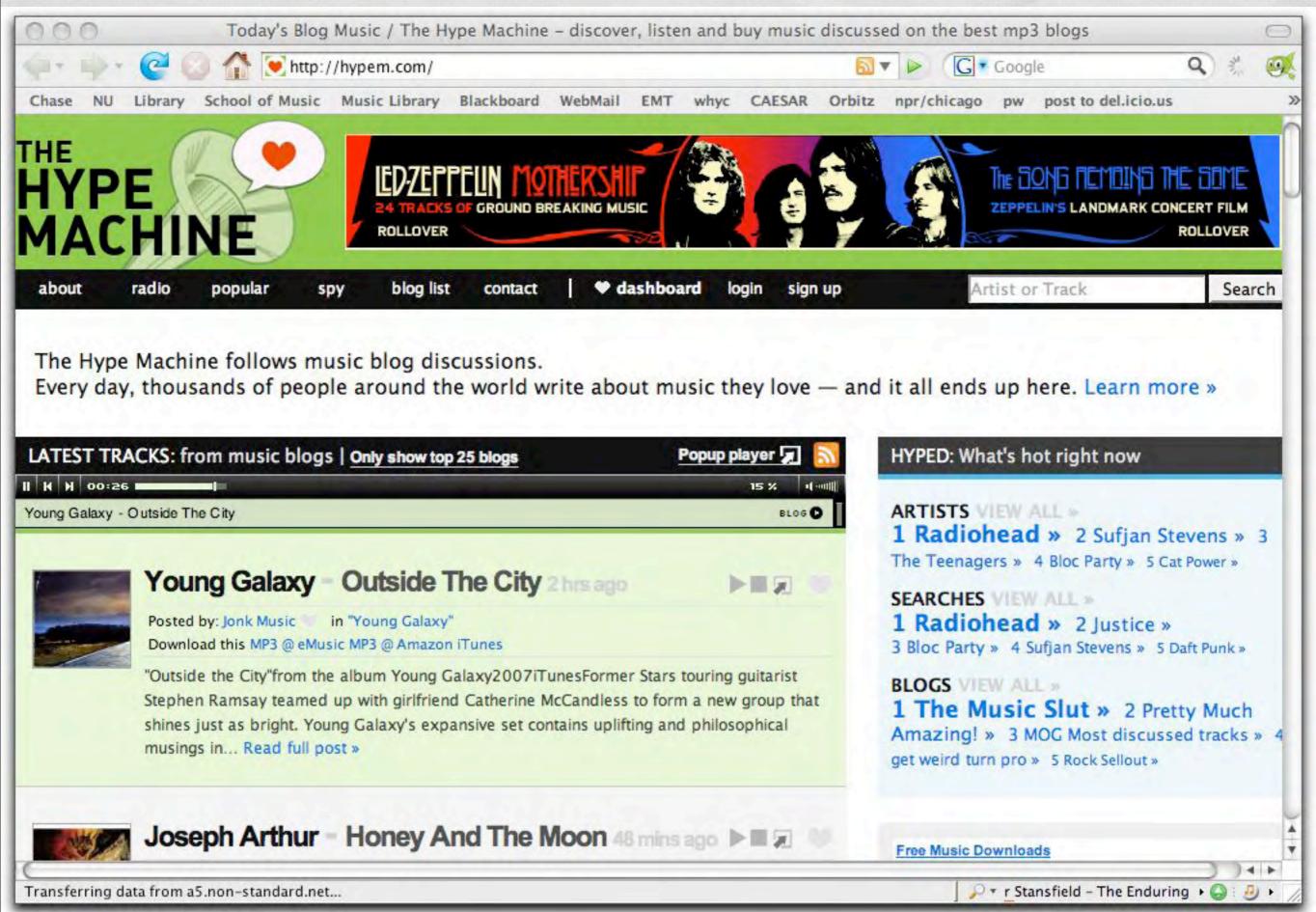
Music-Web Discussion Forum



Music Download Options



Hype Machine



PROFILE SHARING

- facebook
- myspace

"MySpace is about teenage rebellion; ugliness and defiantly folded arms. Facebook is much more popular among those of college age and older - it's more grown up, and looking at it isn't like pouring acid into your eyeballs."

Bobbie Johnson, June 25, 2007 I I:30 AM, blogs.guardian.co.uk/technology

Facebook is one of the main ways I communicate with them - that's where they all do their business... so..that's what I use. I don't think anyone is really pushing Facebook in the SOM, it pushes itself. It's versitile, fun, easy to stay connected to alumni, always changing, awesome for advertising events. Students check Facebook more than their university accounts, they have it connected to their phones. Crazy! I use it all the time. (as you can see....!)

Karyl Carlson, Illinois State Choral Professor

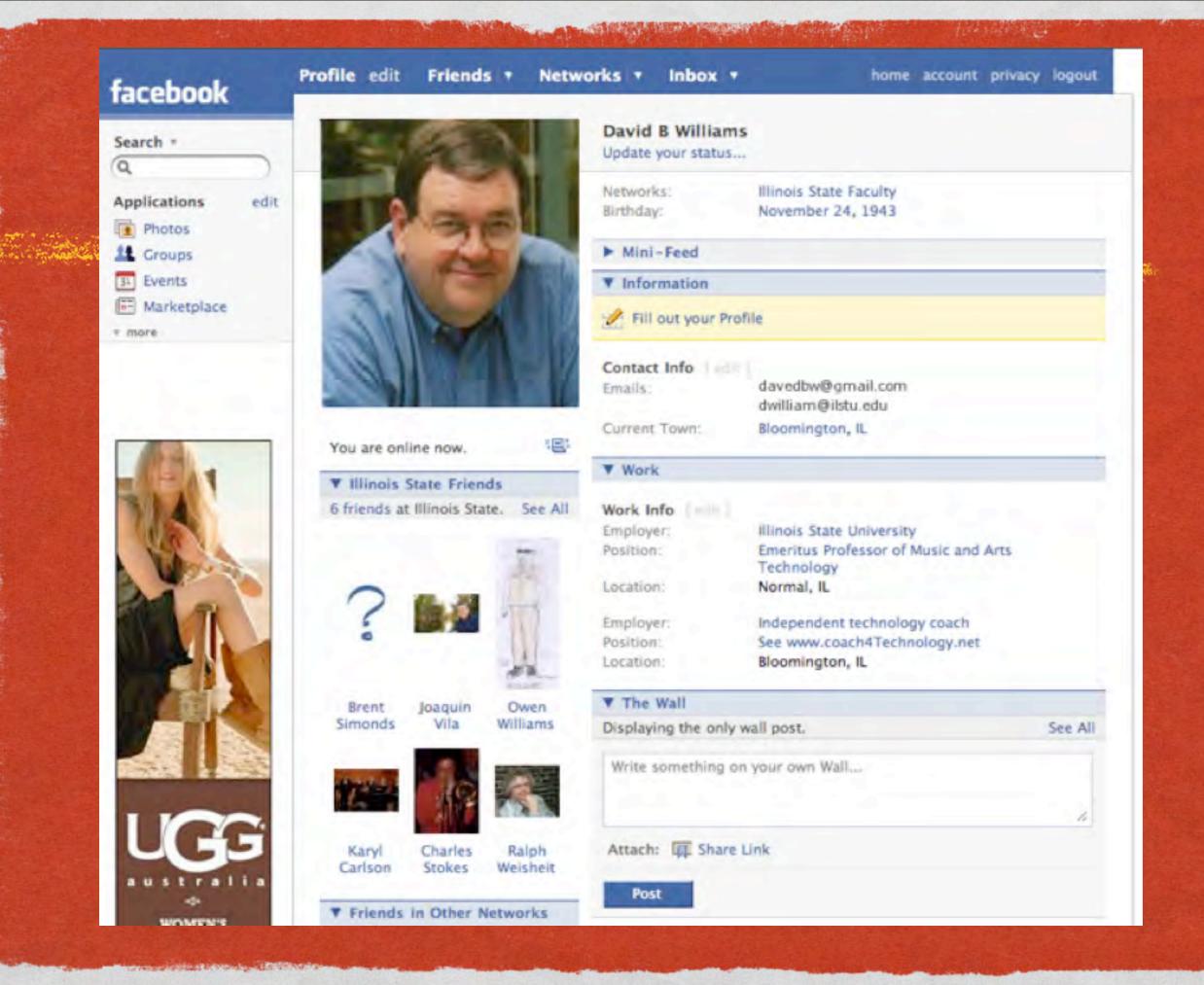
Facebook Group Titles from Music Students

- People who DON'T clap between movements (Diverse schools)
- •I'm A Fermata...Hold Me (Michigan)
- •Cook Hall Regulars (Illinois State U)
- •Stoked on Stokes (Illinois State U)
- •Music is the hardest major ever you 3 class taking dumbass (Colorado)
- •Save The Music!! (Connecticut)
- •UTSC Music Ambassadors Program (Toronto)
- •LHS Music Geeks: A Rare Breed (New Jersey)
- •Pittsburgh New Music Ensemble (Northwestern Alum)
- College Music Week (Nashville)
- •I'm Glad Pluto's No Longer a Planet; It Makes Gustav Holst's Suite Complete (Berkeley)
- Facebook Symphony Orchestra (Cooper Union)

I have my students build a Myspace artist site. They learn to deal with digital media and I help them with their bios, which can be quite a chore as most of my students have limited English skills. Search my space for Yong Siew Toh.

They are also instructed to post files on Flickr, Youtube, etc. The goal is to increase the number of hits when they are Googled.

George Hess, Visiting Professor, Yong Siew Toh Conservatory of Music



MEDIA SHARING

- youtube
- flickr (Yahoo)
- picasa (Google)
- istockphoto

I use YouTube videos on my wiki: uriflutes.pbwiki.com/ on both the home page, and the Galway page. Nothing earth shattering, but I have also showed lots of youtube clips to my flute students to start a discussion about moving when you play.

Susan Thomas, University of Rhode Island

I'm not sure if this fits your needs, but I posted a couple of videos [on YouTube] of a colleague's gig as a form of marketing for Rowan.

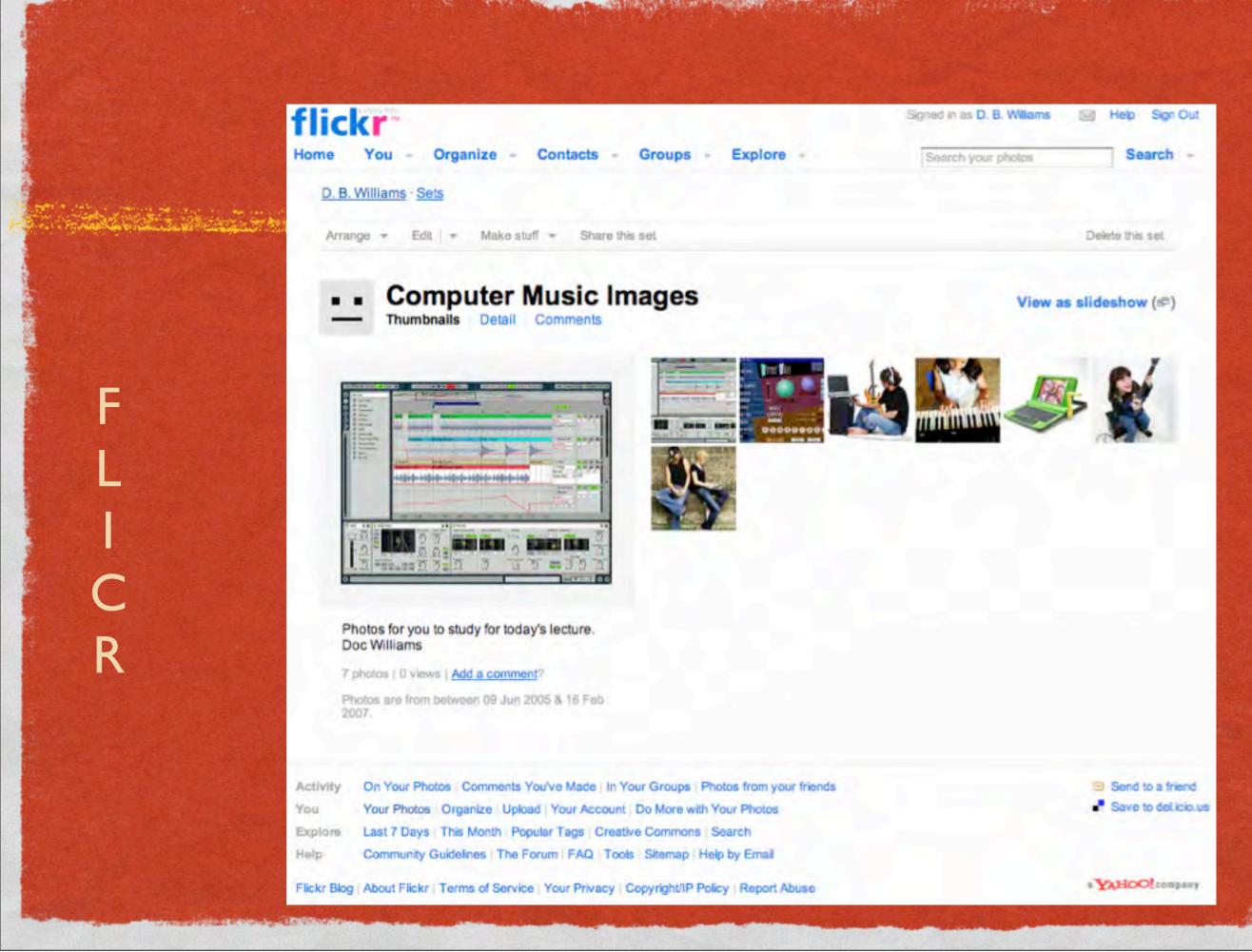
Also, I have a couple interesting stories regarding MySpace and student teachers. This semester a student, following our guidelines, took down his My Space page prior to student teaching. Someone then 'stole' his page and reposted it after incorporating inappropriate content and adding a prominent "Family Privacy" icon that was really a link to 'real-lasvegas-sin.com'. Thankfully he was able to get this page taken down before any students found it.

Rick Dammers, Rowan University

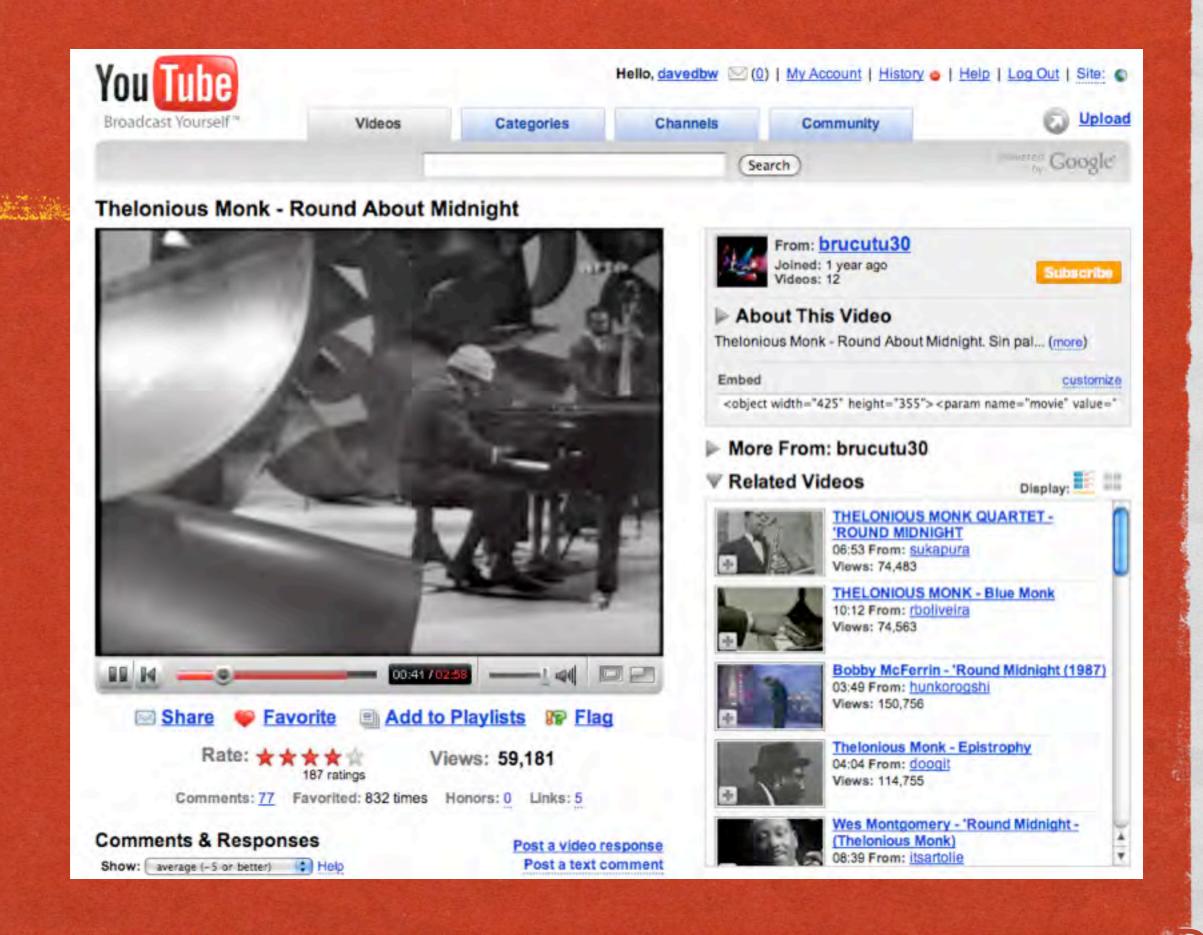
I use YouTube daily in my Music Fundamentals class. I've asked my non-major students to give short presentations wherein they bring in a piece of music that they like (any genre) and describe it in terms of rhythm, melody, timbre, etc. They invariably find something on YouTube and we watch it on the big screen as we listen. I'm interested in hearing what others are doing with these resources.

P.S. The first time a student suggesting using YouTube last year, I hadn't heard much about it, and thought that they asked me if they could use "U2" as their favorite group. Now I know better. What a resource!

Brent Yorgason Assistant Professor of Music, Marietta College







NEWS/BOOKMARK SHARING

- del.icio.us
- digg
- redditt
- stumbleupon
- simpy
- jiglu



means of storing, classifying, localizing, and sharing Internet resources according to individual needs and interests. "Using DEL.ICIO.US in Education"

by Gabriela Grosseck. www.scribd.com/doc/212002/Using-delicious-In-Education

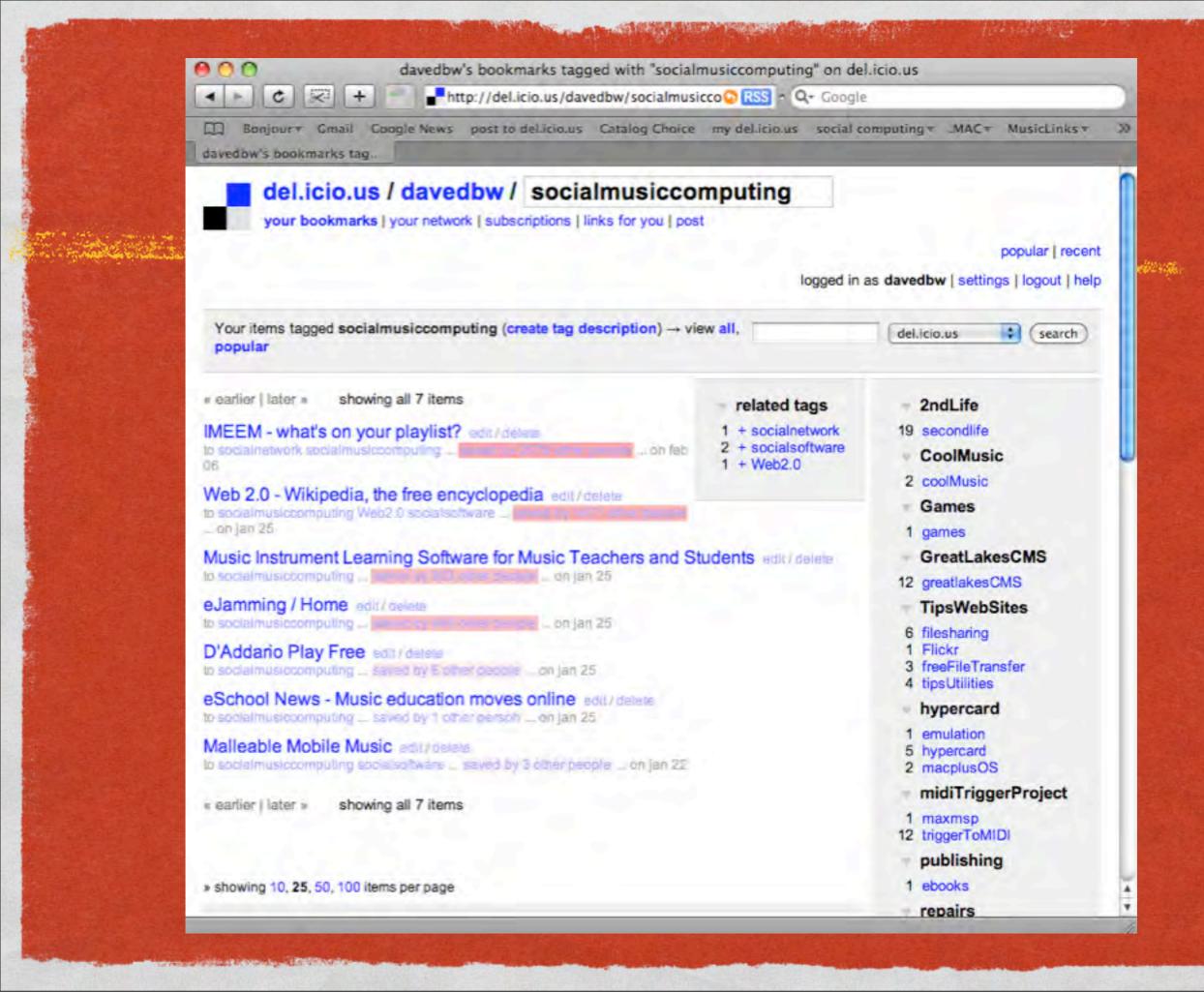


News bite: Digg traffic rose 330% or 5.6 million visitors in September 2007

Monday, January 7, 2008 28

ratings. What we need is to be the new

gatekeepers, together. Working together, the smartest people will be highlighting the news, rather than the dumbest.

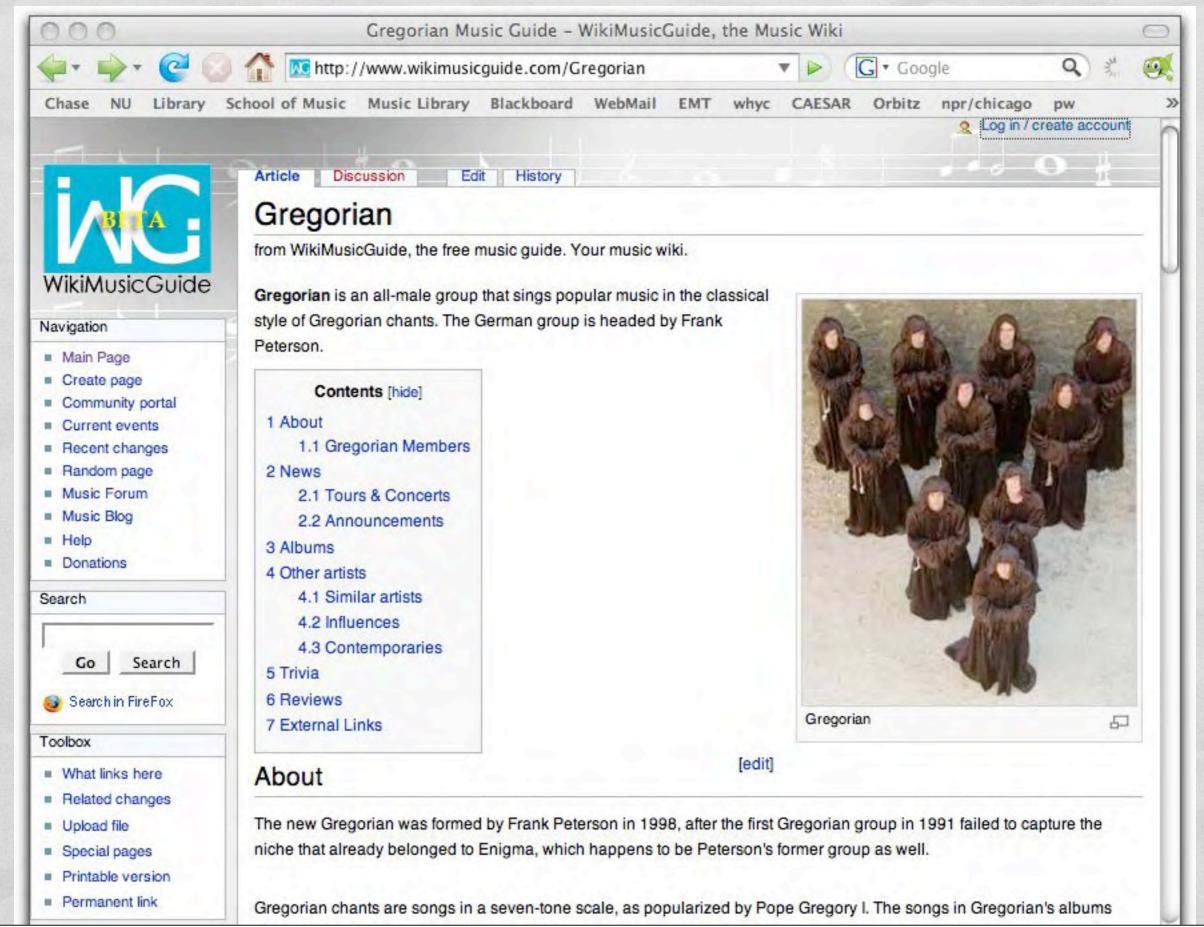


INFORMATION SHARING

- wikis
- podcasts

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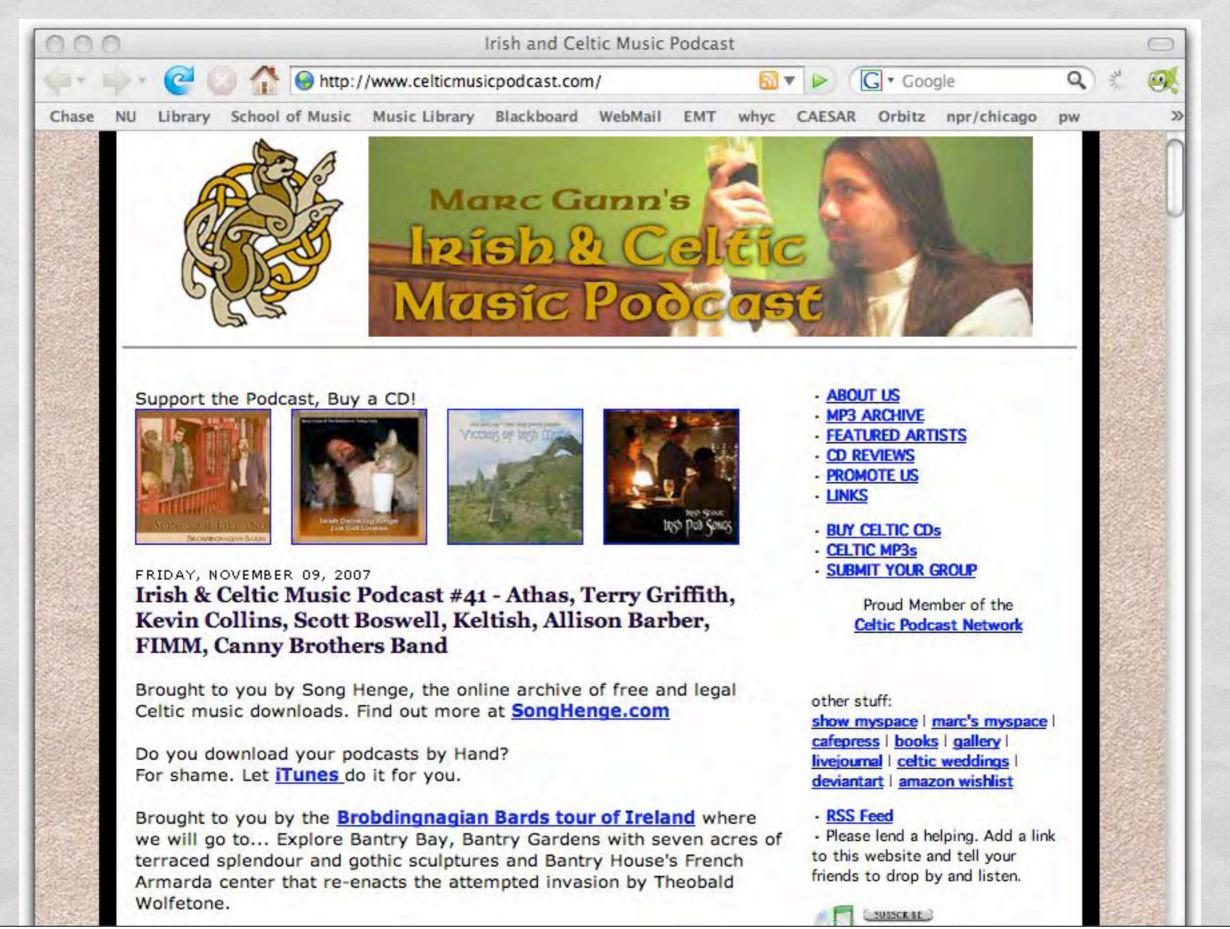




iTunes Store - Podcasts



Irish & Celtic Music Prodcast

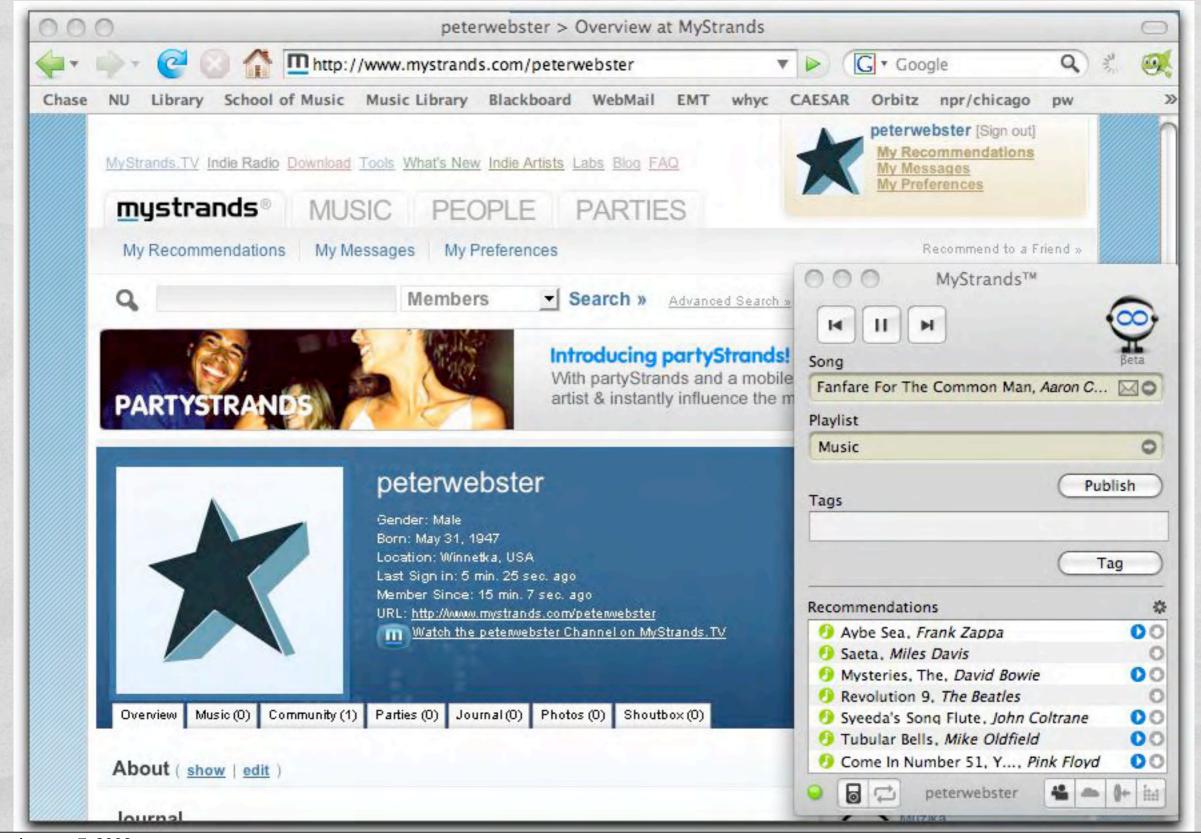


FAVORTITES SHARING

- mystrands
- itunes mixes
- pandora

P

Mystrands



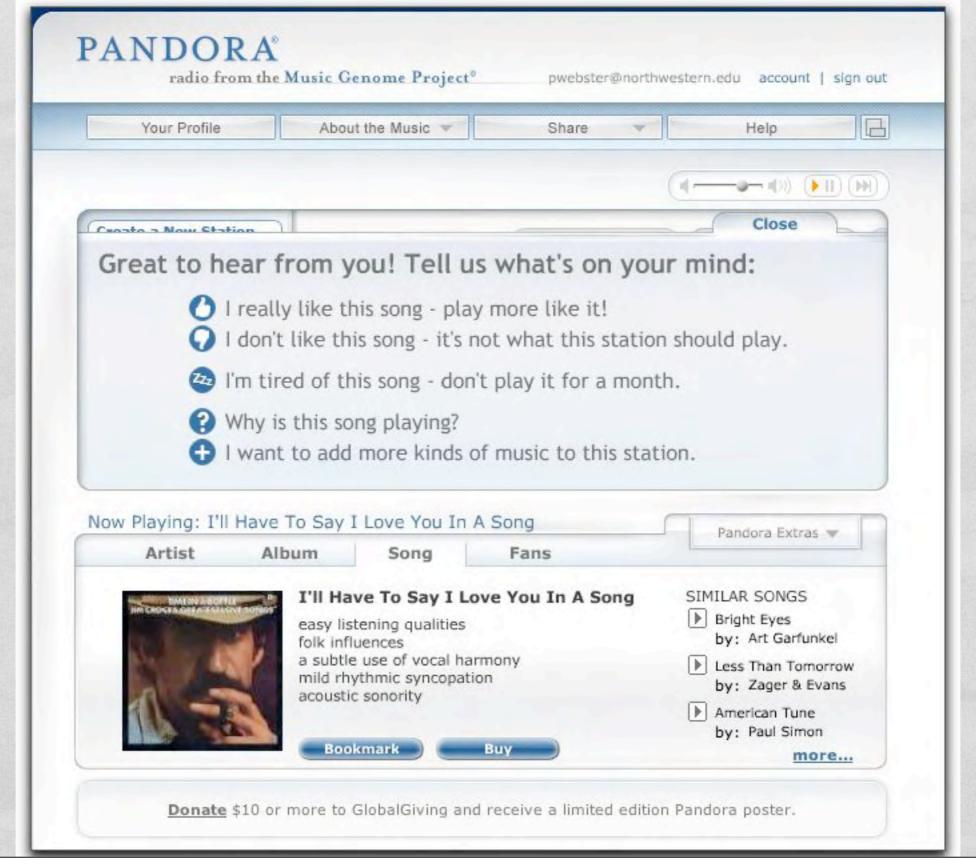
iMix using iTunes



Pandora



Pandora - Voting

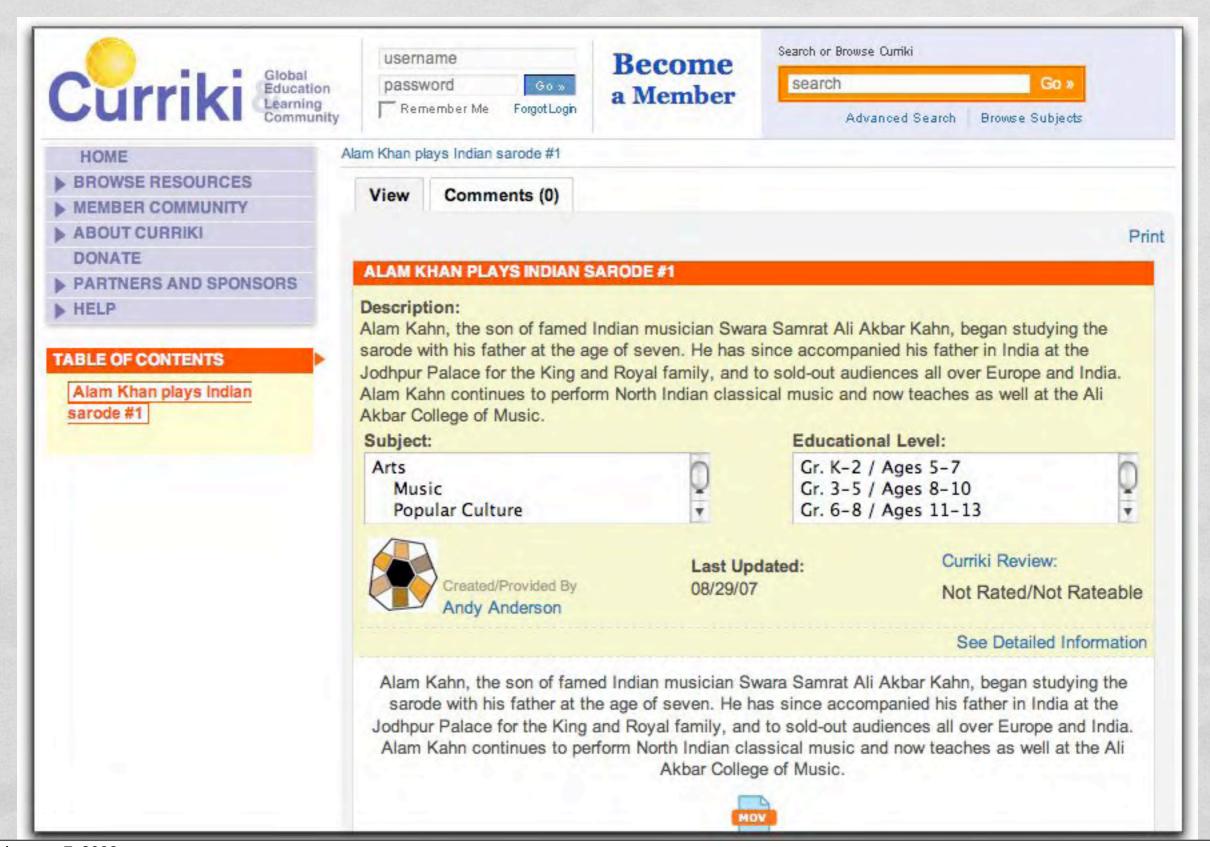


CURRICULUM SHARING

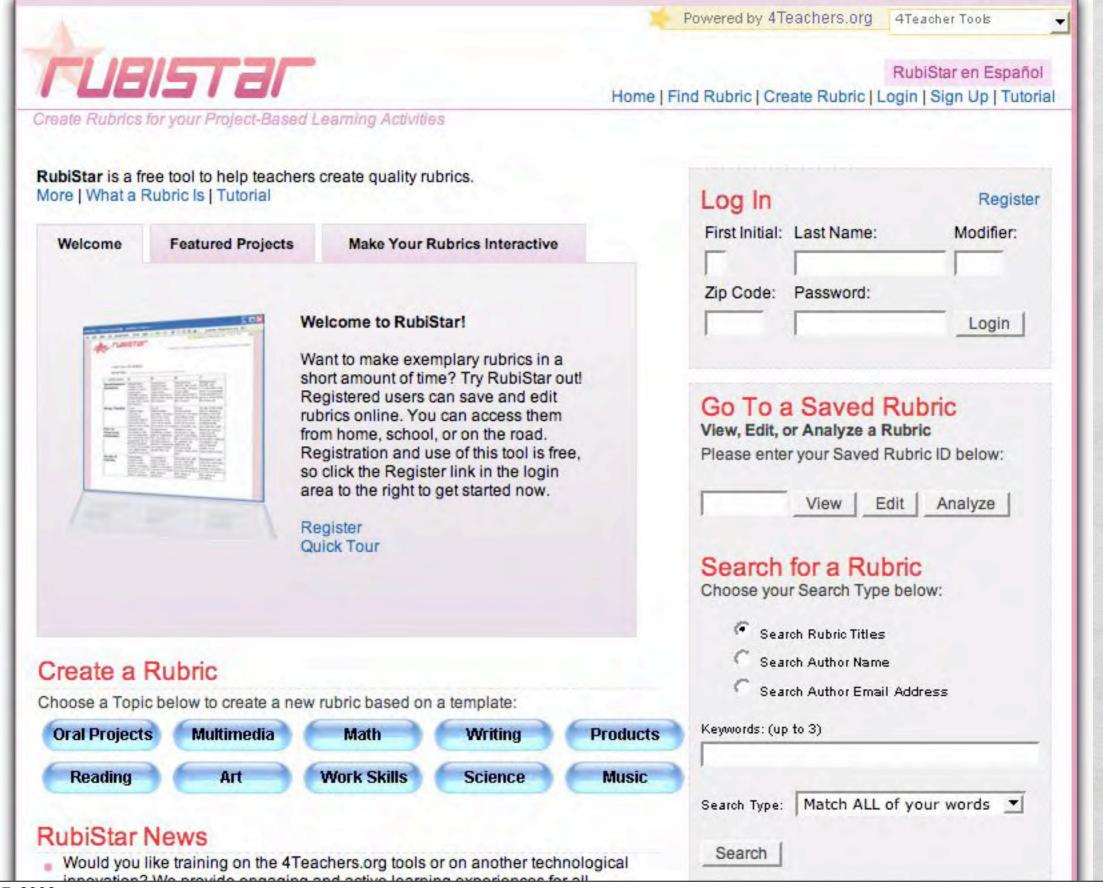
- curriki
- rubistar.4teachers.org
- connexions
- flatclassroomproject

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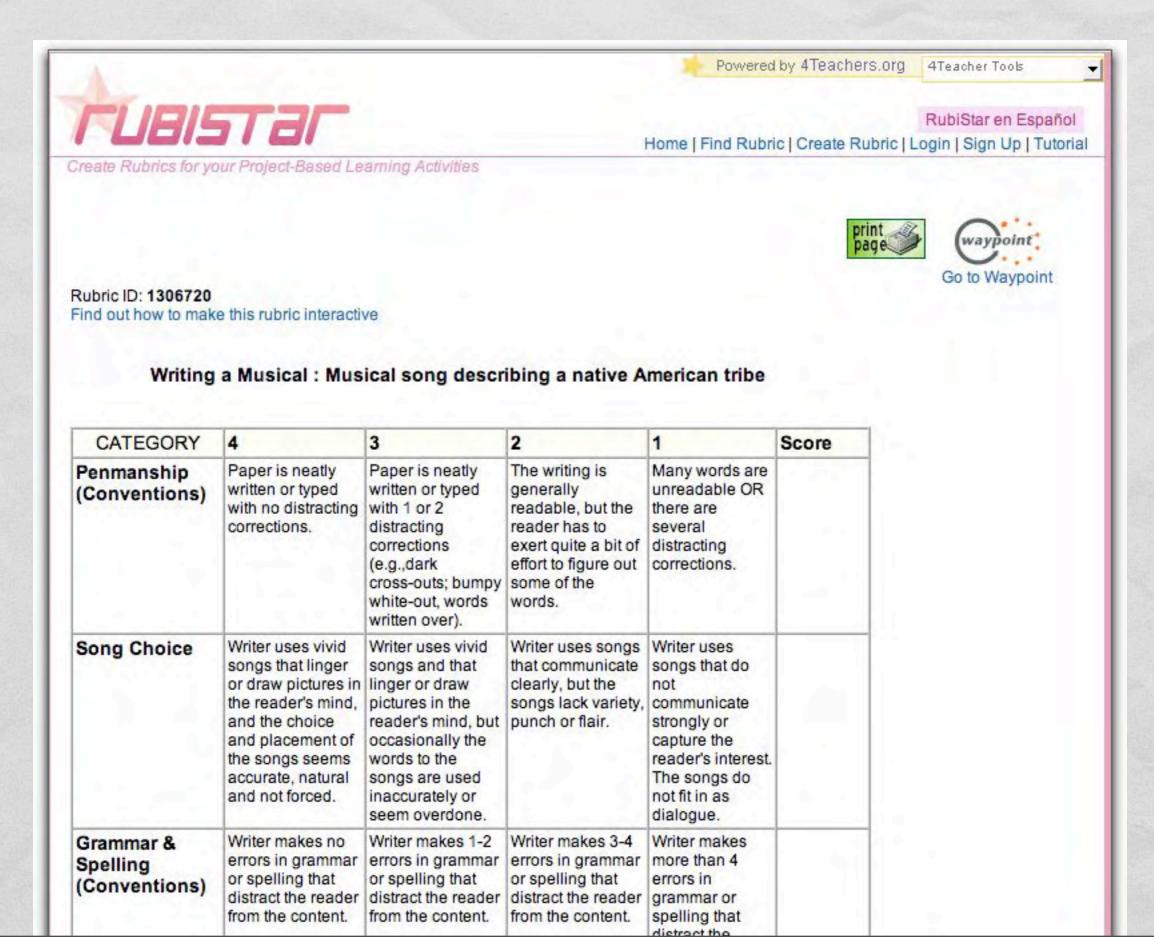
Curriki -- Music Lesson



Rubistar



Constructed Rubric



PRESENTATIONS SHARING

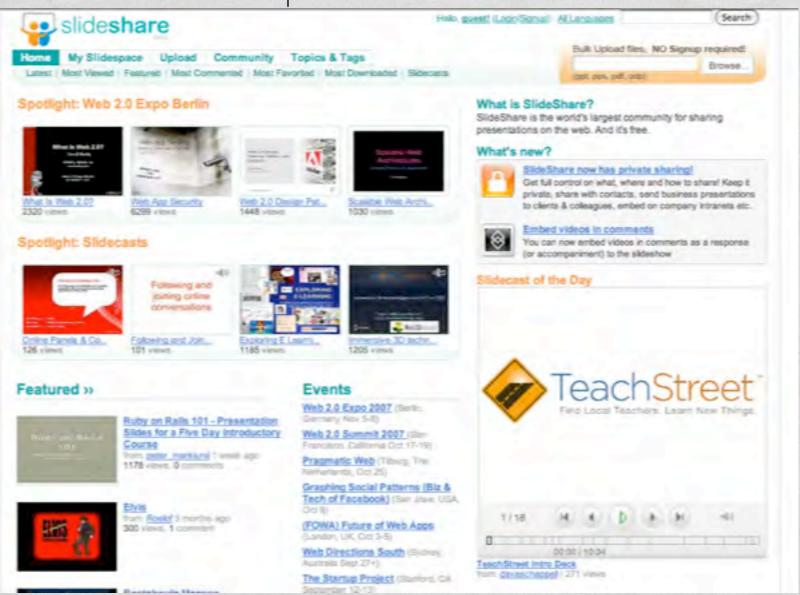
slideshare.net

Draw & Share Diagrams Online

gliffy.com

Slideshare Music Titles

- •Blending Music, Literacy and Technology Through Garageband
- •Identifying Successful Melodic Similarity Algorithms for use in Music
- •Class 2 (Gospel History) 06
- History of MP3s
- •Theories Of Popular Music Adorno, Hebdige



ALTERNATIVE REALITY (VLMS)

- 2nd Life (P)
- Google Virtual World (D)

P/D

Live Piano Performance in Second Life



MUVEing Forward: Real Education in Second Life by Topher Zwiers

Friday, January 05, 2007

Music: Louis Landon and his piano in SL

The first event I attended in Second Life that really got the educational blood pumping was a "Live" music concert. I wasn't really looking for anything in particular at the time; I just happened across the event listing, was already online, and figured I'd see what "Live" music was like in SL.



Arriving in the Nantucket Sim (which includes a sailing simulation) at the Nantucket Theater, I was impressed by the layout and familiarity of the facility; basically, if you're going to a very small concert, it might be something you'd expect. It's a small outdoor, grassy amphi-theater with wooden benches built into the small hillside. Of course, Louis Volare (in real life: Louis Landon) the performer is sitting on stage at the piano. Clicking on the Play Music button that appeared at the bottom of my screen started the music; sure, exactly what I expected... sort of.

I expected to listen to and hear music, but I figured it would be



GOOGLE VIRTUAL WORLD



Google moves into virtual worlds

By combining satellite maps and 3-D software, Google Earth is turning into a virtual online playground.

September 24, 2007

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Google Testing A Virtual World At Arizona State University?



Someone is beta testing a new product at Arizona

State University, according to a student at

MacRumors, and it looks like it could be Google's

virtual world/social networking platform to be built

on Google Earth. MyWorld is a "new product that will

be publicly launched later this year" from "a major Internet company," and the questionnaire (ASU ID required) asks both is users have <u>Gmail</u> accounts and virtual avatars. <u>Google Operating System also points out</u> that ASU is heavily involved with Google already, from <u>apps</u> and <u>search</u> to <u>maps</u> and <u>Mars</u>. Also, <u>Google has an office at ASU Tempe</u>.



POSSIBLE NEW DIRECTIONS

- Google OpenSocial (http://code.google.com/apis/opensocial/)
- Expanded Second Life
- Virtual Universities
- New web browsers that integrate Social Computing tools (e.g. "flock" web browser)

Recommend: Don Hinchcliffe's Web 2.0 Blog

http://web2.socialcomputingmagazine.com/

