A Moveable Feast: the del.icio.us web

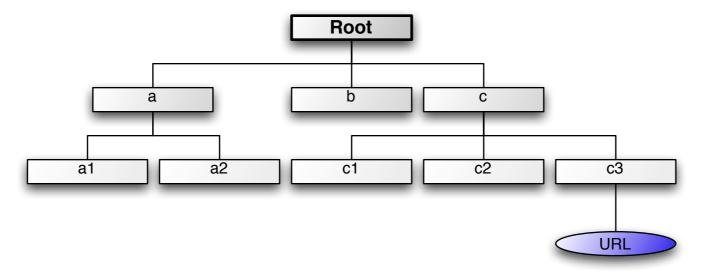
Ruben R. Puentedura, Ph.D.

What is del.icio.us?

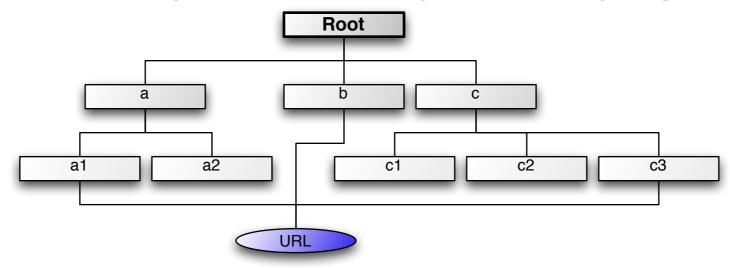
- A bookmarking service with two significant differences:
 - A flexible approach to bookmark organization
 - A social software component

Flexibility in Organization

Traditional bookmarks > tree model



del.icio.us tags > more general graph model



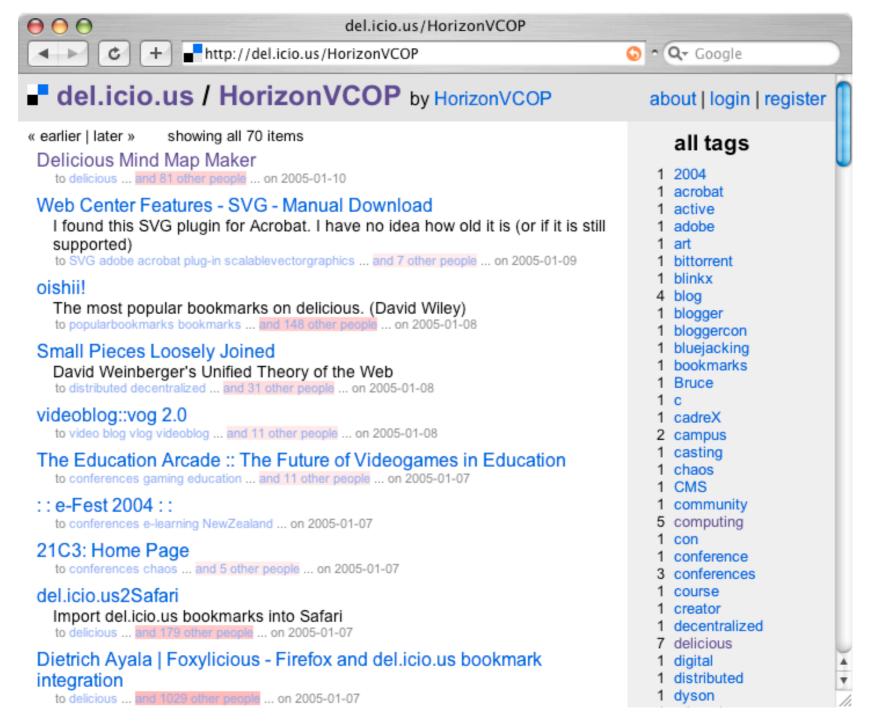
del.icio.us as Social Software

- Three interconnected components:
 - links
 - tags
 - users
- Forms the basis for a folksonomy
 - Folksonomy: folk + taxonomy (Thomas Vander Wal, 2004)
 - Mathes, Adam. Folksonomies Cooperaative Classification and Communication Through Shared Metadata. December 2004. Online at http://www.adammathes.com/academic/ computer-mediated-communication/folksonomies.html

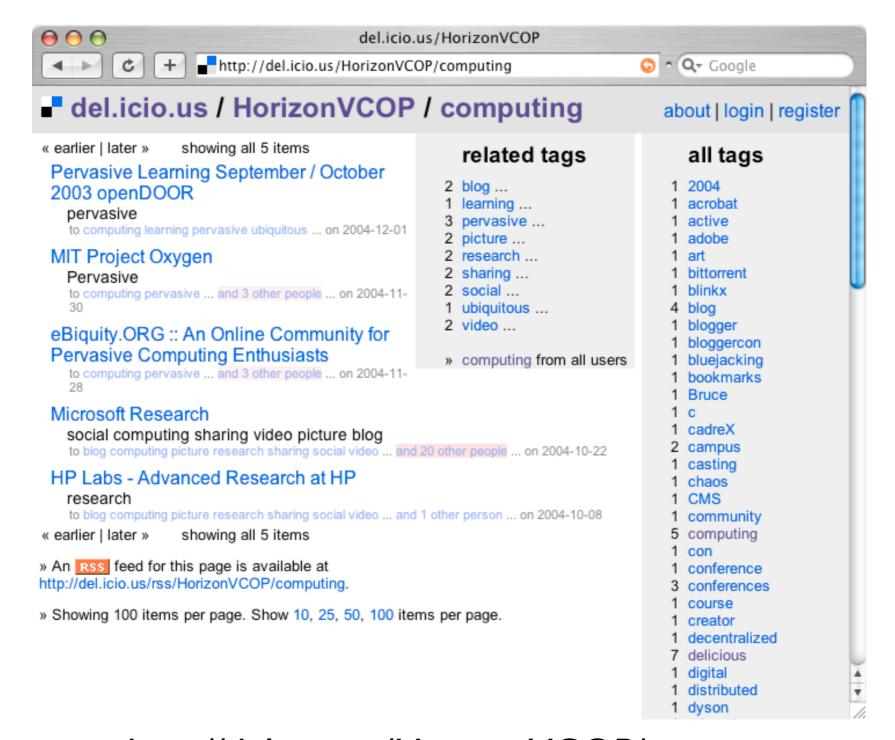
Why is del.icio.us so successful?

- It provides instant feedback regarding the location of any new link/tag/user addition in the network;
- It is **simple**.

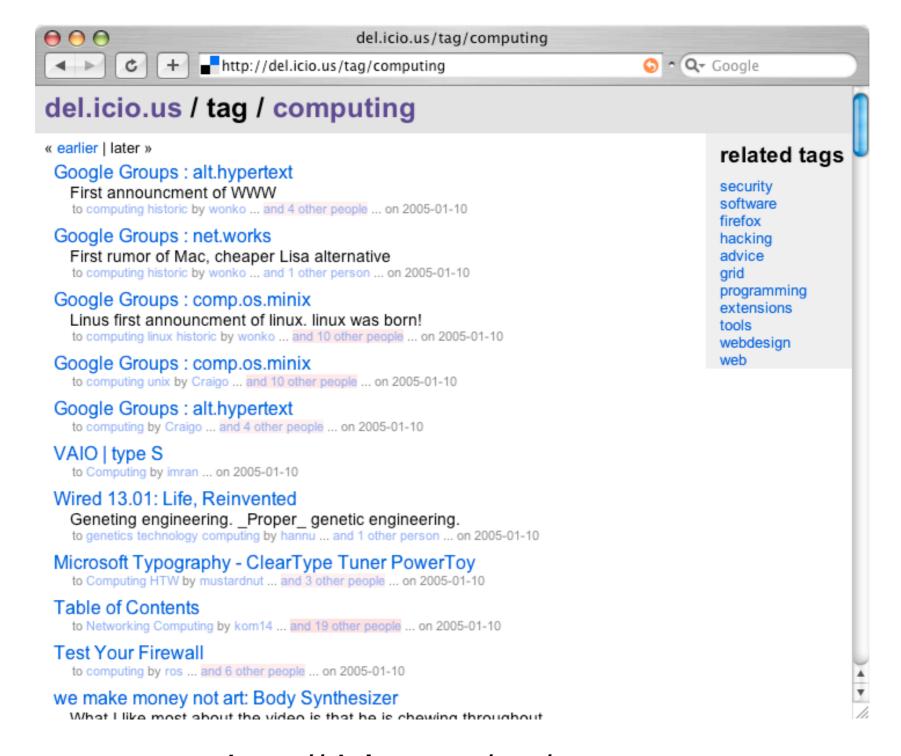
Step 1: the user page



Step 2: the user tag page

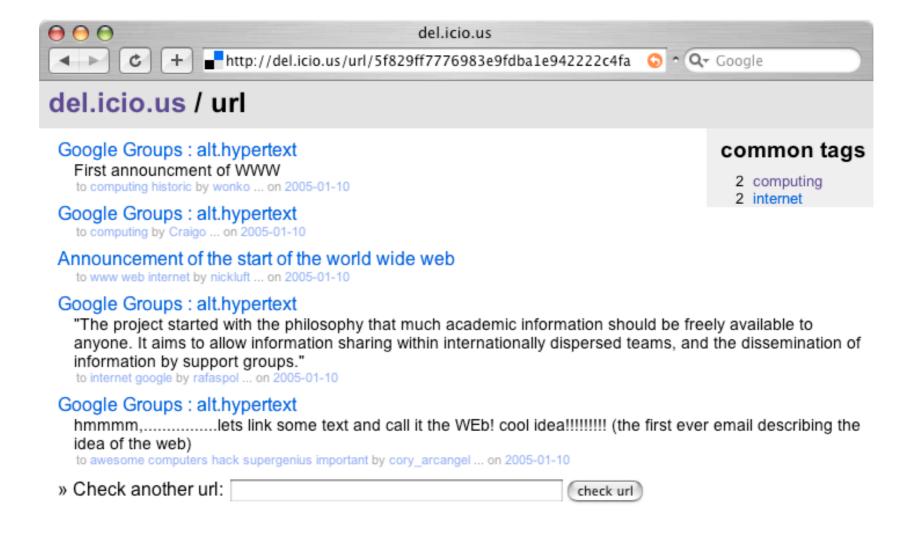


Step 3: the cross-user tag page

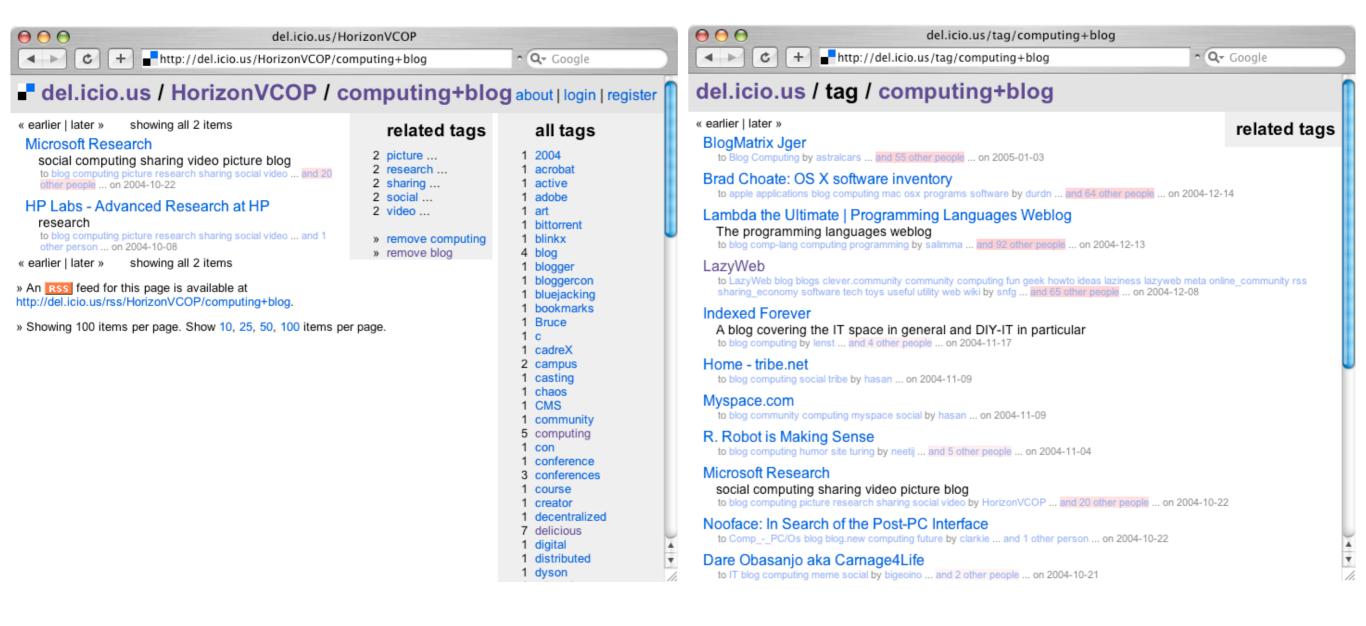


http://del.icio.us/tag/computing

Step 4: the site page



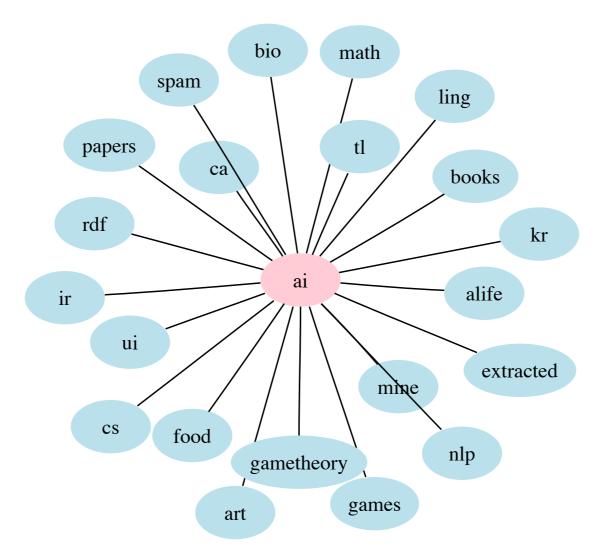
Coda: the tag intersection page



http://del.icio.us/HorizonVCOP/computing+blog http://del.icio.us/tag/computing+blog

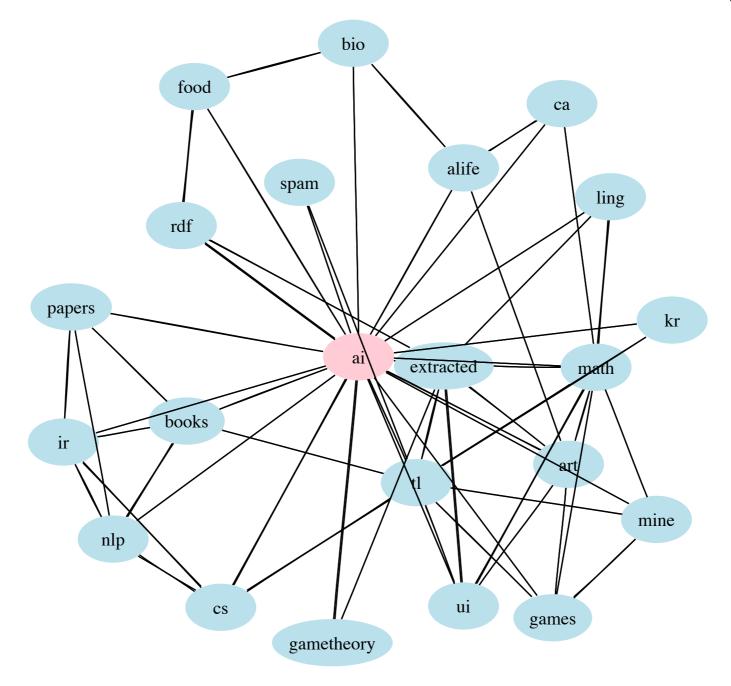
Visualization 1:

- Joshua Schachter is the creator of del.icio.us, so he's had a bit of time to refine his use of tags...
- Joshua Schachter and AI on 1/4/05:



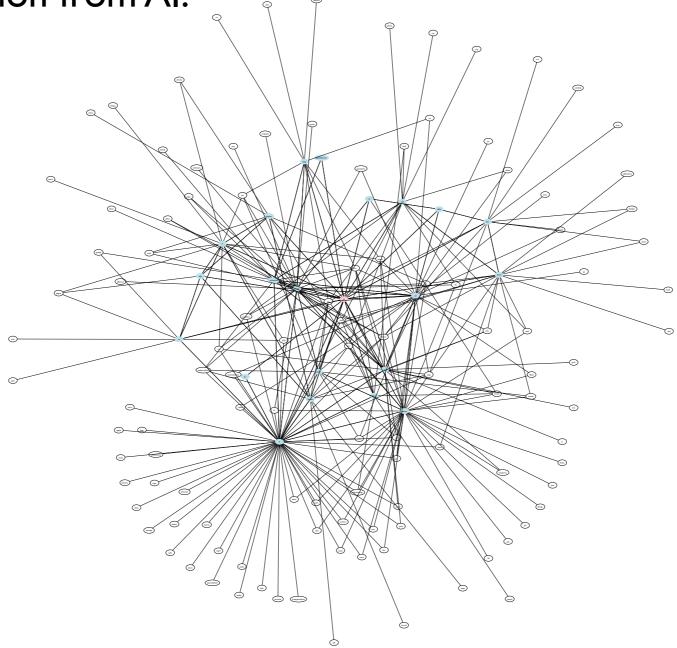
Visualization 2:

• Now, let's include the interconnections between tags:



Visualization 3:

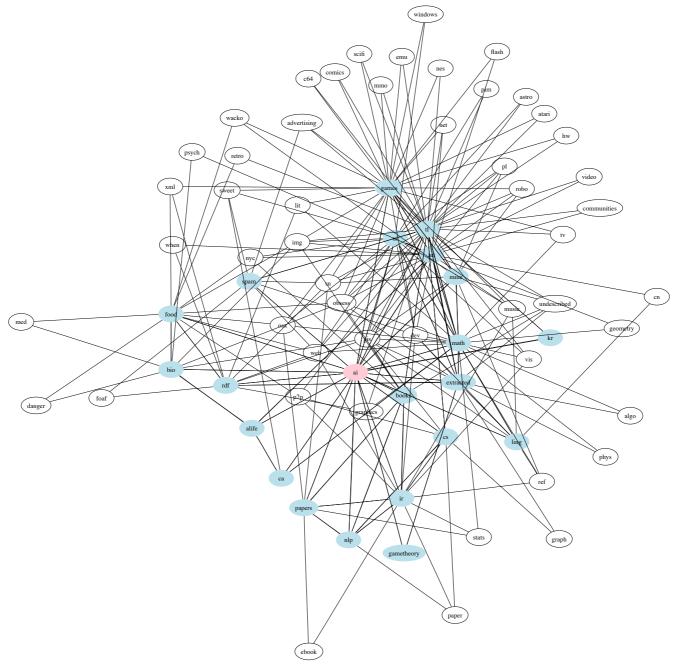
 Now, let's include the tags that are at two degrees of separation from Al:



Visualization 4:

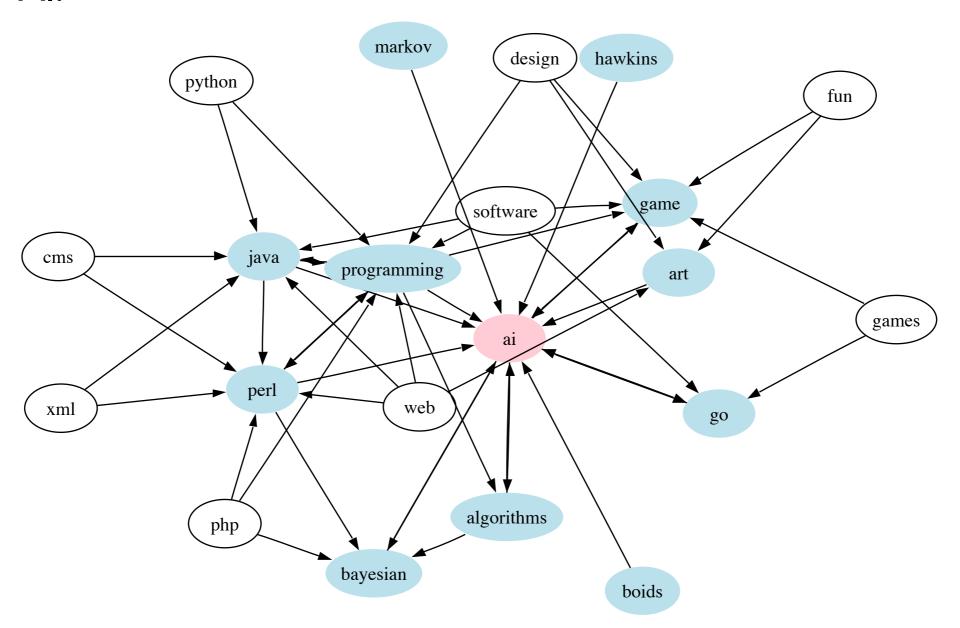
• Let's prune that back a bit by eliminating any non-bridging

tags:



Visualization 5:

 We can also look at the cross-user tag network surrounding Al:

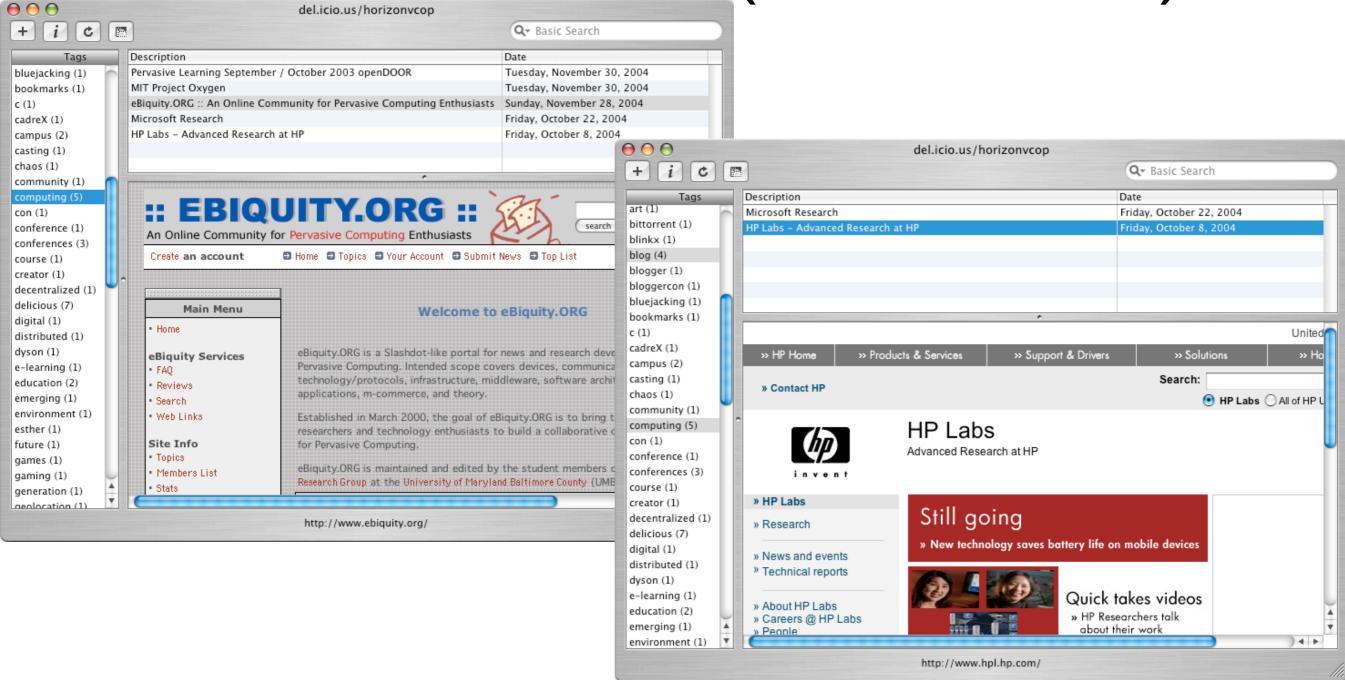


Two Items to Complement del.icio.us

- Good tools
- Good practices

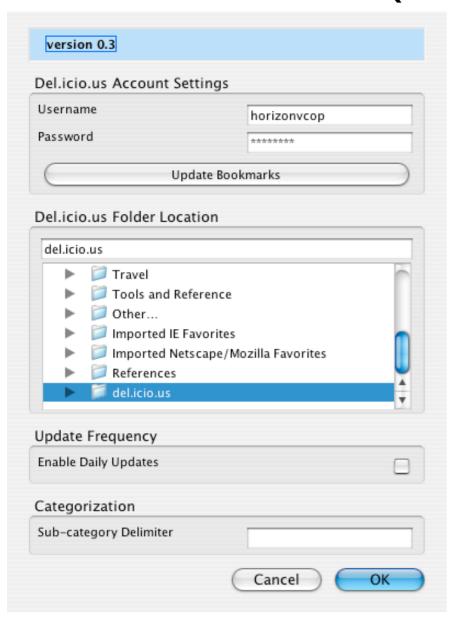
Good Tool #1:

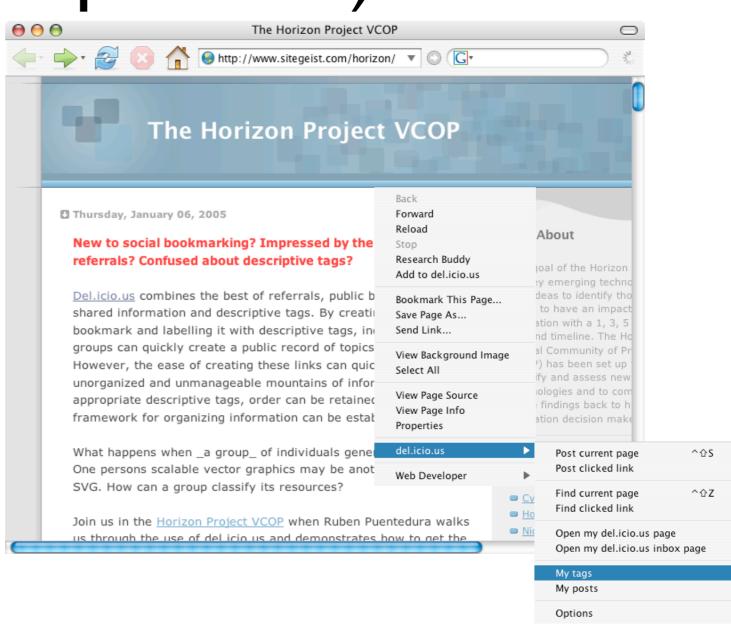
Cocoal.icio.us (Mac OS X)



http://www.scifihifi.com/cocoalicious/

Good Tool #2: Firefox Plugins: Foxylicious and delicious (Cross-platform)





http://dietrich.ganx4.com/foxylicious/ http://delicious.mozdev.org/

- Try to maintain (reasonable) stylistic consistency.
- For instance: should proper names be capitalized or not?
 - Actual example: Mau vs. dyson



per page.

» An RSS feed for this page is available at

» Showing 100 items per page. Show 10, 25, 50, 100 items

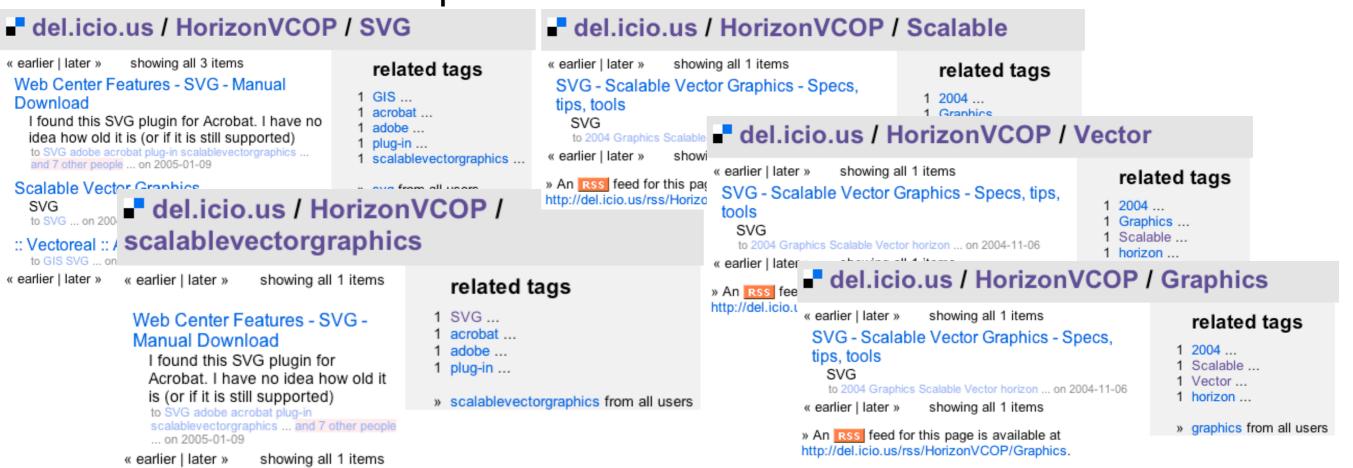
http://del.icio.us/rss/HorizonVCOP/dyson.

1 installation ...

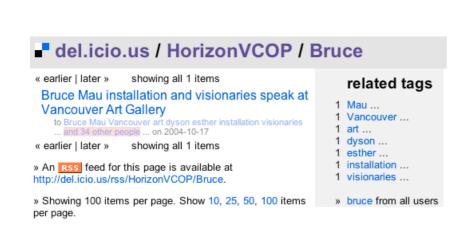
1 visionaries ...

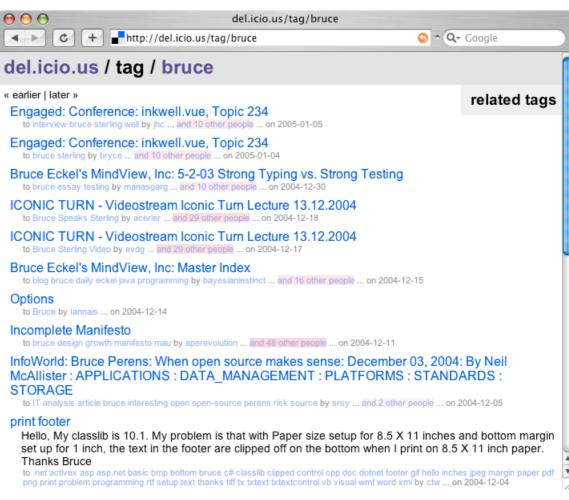
» dyson from all users

- Think carefully about the appropriate degree of fragmentation for your tags.
- For instance: should you have both acronyms and the words that make them up?
 - Actual example: SVG vs. scalablevectorgraphics vs. Scalable Vector Graphics



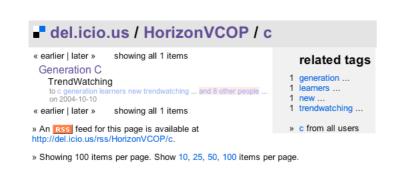
- Having too few tags can be bad but so is having too many.
- For instance: do you need both the first name and last name of a person that provides the basis for a tag?
 - Actual example: Bruce Mau vs. Mau

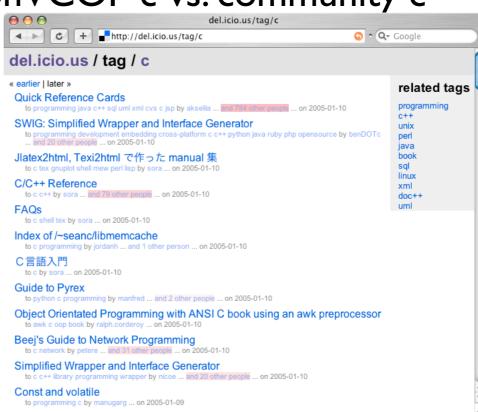




- It is worthwhile to take a look at how the del.icio.us community is tagging URLs.
- For instance: is there a good reason for you to use a tag in a way that differs substantively from the way it is used by most people?

Actual example: HorizonVCOP c vs. community c

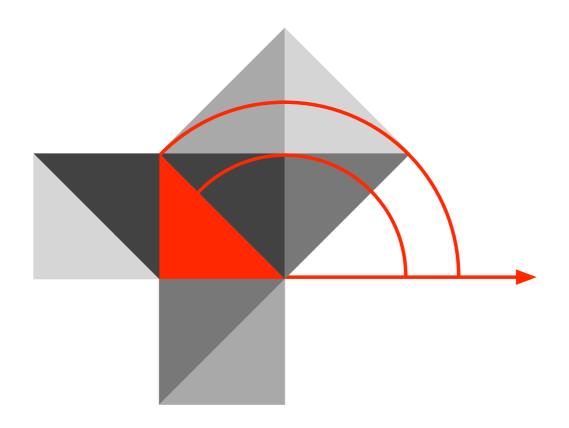




How can these practices best be implemented in a shared del.icio.us account?

- One possibility: assign someone to become a "tag editor" not necessarily the best approach, because:
 - The tag editor has to assume a (not inconsiderable) burden;
 - The knowledge present in the group that went into the original tag creation is replaced by the subset of that knowledge present in the tag editor.
- An alternative: set up a periodic voting process to cull and refine tags:
 - The burden is fairly shared by all;
 - The knowledge present in the group is not lost;
 - The process of voting on the tags in and of itself can enhance the knowledge present in the group and in each one of its members.

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