

Web 2.0 的總論

飛資得資訊

溫達茂

中華民國九十五年十二月十四日

- Workshop

- Seminar

What is Web 2.0

- ***Web 2.0 is not Standard***

Web 2.0 is New...

- Concept

- Trend

» *Of What?*

- Model

- Technology

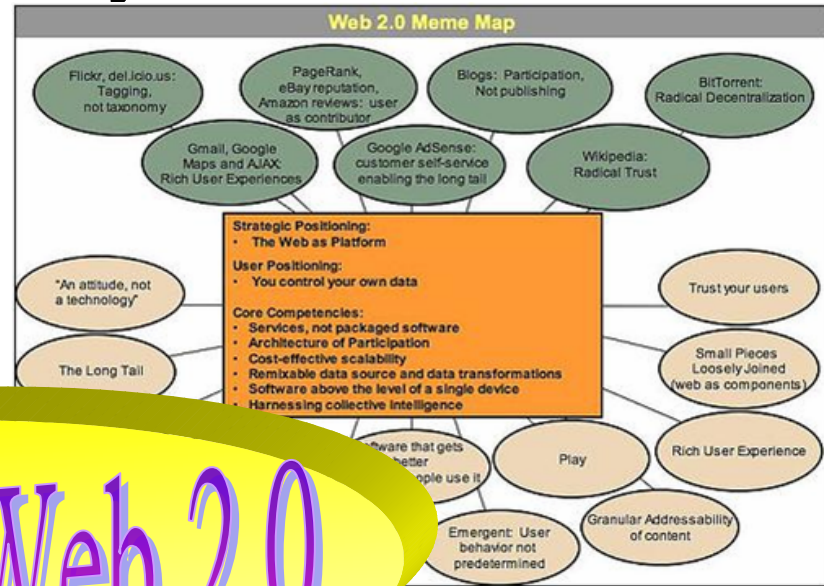
What is Web 2.0?

Verbally

Web 2.0, a phrase coined by [O'Reilly Media](#) in 2004^[1], refers to a supposed second [generation](#) of [Internet](#)-based [services](#)—such as [social networking sites](#), [wikis](#), communication tools, and [folksonomies](#)—that emphasize online collaboration and sharing among users. O'Reilly Media, in collaboration with MediaLive International, used the phrase as a title for a series of conferences and since 2004 it has become a popular (though ill-defined and often criticized) [buzzword](#) among certain technical and marketing communities.

What is Web 2.0?

Conceptually

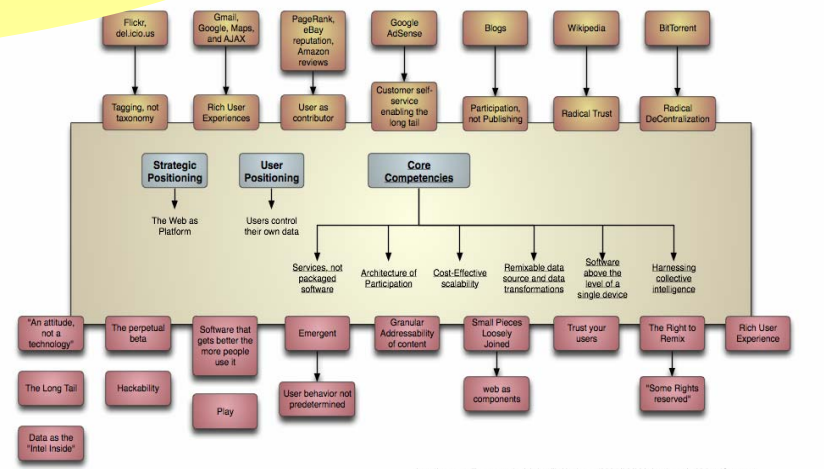


Buzzwords of Web 2.0

Elements of the



Adapted from O'Reilly Media, FOO Camp brainstorming session, 2005



Source: <http://web2.wsj2.com>

<http://www.oreillynet.com/pub/a/oreilly/news/2005/08/30/what-is-web-2.0.html?page=1>

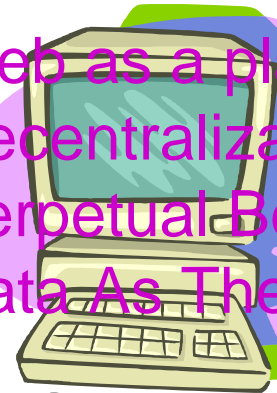
- Participation
- Sharing
- Collaboration
- Social Network



Client

- User As Contributor
- User Behavior
- User Experience
- User-Centric

- Technology
- Tool
- Service
- Content



Server

- Web as a platform
- Decentralization
- Perpetual Beta
- Data As The Intel Inside”



Perspectives to Look into Web 2.0

- **Platform:** Blog, Wiki, Social Software, Peer2Peer
- **Technology:** Tagging, Filtering, Rating, Recommendation, Syndication, Mash-up (Remixing), API, Web Services, SOAP, REST, Greasemonkey, Widget.
- **System Features:** Personalization, Participation, Collaboration, User Network Effects (Individual -- Social Networks -- Online Community)
- **Websites:** Blogger, Wikipedia, Del.icio.us, Flickr, Youtube, Digg, Mappr, Odeo, Orkut...
- **The Essence:** User-centered, User as a Developer, User as a Contributor, Sharing, Decentralization, Freeing of Data, Data as “Intel Inside”, Web as a Platform.

Platform

Blog

Wiki

Social Software

Peer2Peer



My name is *Jenny*, and I'll be your information maven today.

« [ALA Roundup](#) | [Main](#) | [ALA Discussions](#) »

Friday, December 8, 2006

It's Here!



[Gaming and Libraries: Intersection of Services by Jenny Levine](#)

8:23 AM | [Permanent link here](#) | [Comments \[3\]](#) | [TrackBack \[0\]](#) | [Google It!](#)

Trackback Pings

TrackBack URL for this entry:
<http://theshiftedlibrarian.com/cgi-bin/mt/mt-tb.cgi/499>

我家的後花園
但對外開放唷

圖文並茂的
文章撰寫
超連結...

使用者回應

[TSL Archives](#)

[Blogroll \(Sites I Read in My Aggregator\)](#)

[Mobile Blogroll \(Sites I Read on My Treo 600\)](#)

Check box to open links in new windows

Spreading the meme:

[Why You Should Fall to Your Knees and Worship a Librarian](#)

[About Jenny](#)

[Chicago Sun-Times article](#)

[What Is a Shifted Librarian?](#)

[A Shifted Reading List](#)

[Presentations and Articles](#)

[Ye Olde Shifted Librarian Moblog!](#)

[TSL Disclaimer](#)

Virtual Jenny

[Email Me](#)

[AIM Me](#)

[delicious Jenny](#)

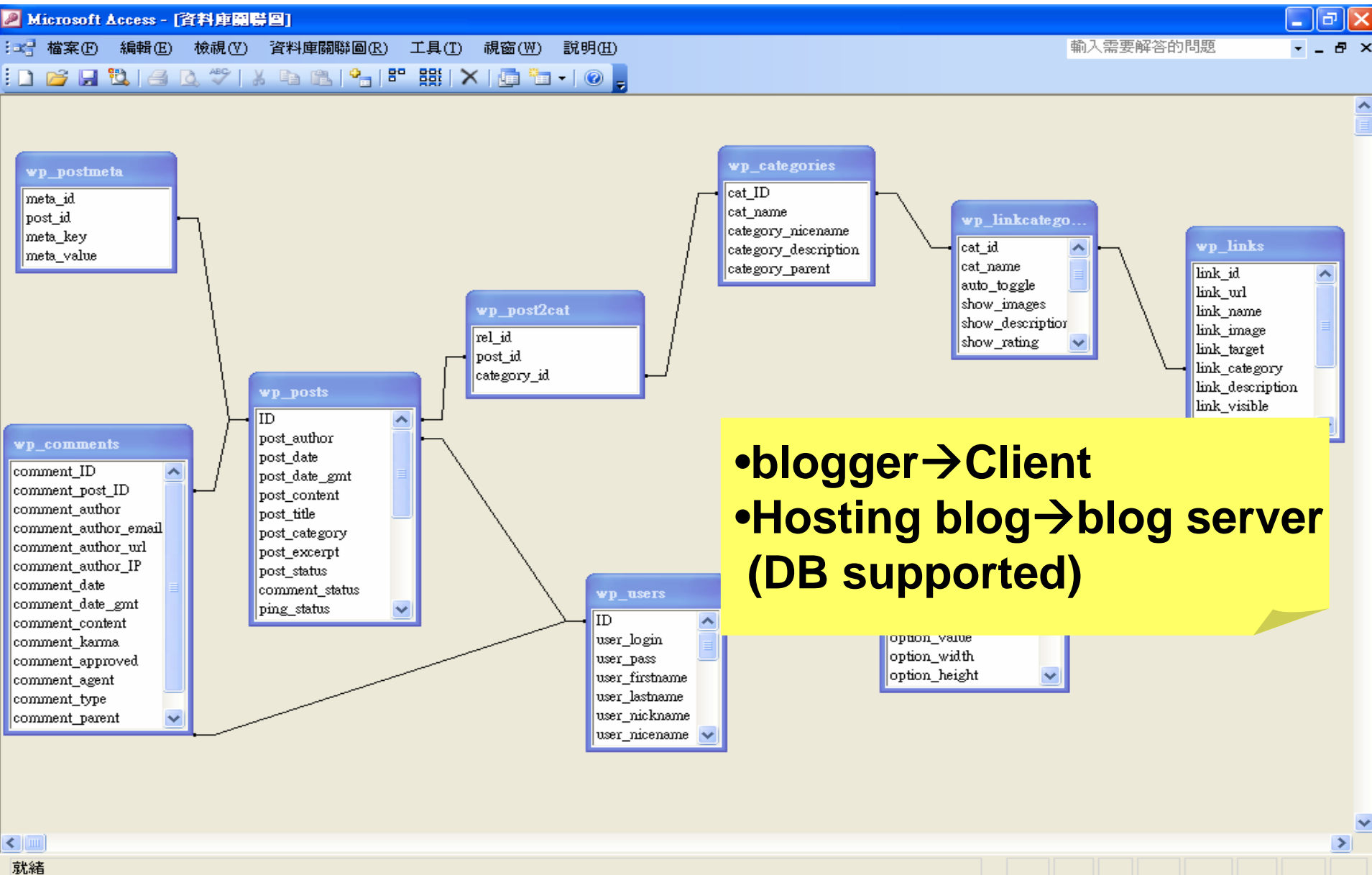
[Flickr Jenny](#)

[Fud Jenny](#)

Blog & Blogging

- A type of website where entries are made (such as in a [journal](#) or [diary](#)), displayed in a reverse [chronological order](#).
- Combines text, images, and links to other blogs, web pages, and other media related to its topic.
- Platform for “Personal” content publishing, distribution, and “other’s” involvement
- Channel for news/information release and announcement
- Content, not Container
- Me
- Self Presence

Blogger vs. Hosting Blog





WIKIPEDIA
the Free Encyclopedia

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

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

Other languages
Deutsch

Wend my talk my preferences my watchlist my contributions log out

- article
- discussion
- edit this page
- history
- move
- unwatch

Early registration for Wikimania 2006 is open until July 9.

Functional Requirements for Bibliographic Records

From Wikipedia, the free encyclopedia
(Redirected from [FRBR](#))

Functional Requirements for Bibliographic Description or **FRBR** is a conceptual [entity-relationship model](#) developed by the [International Federation of Library Associations and Institutions](#) (IFLA) that relates user tasks of retrieval and access in online library catalogues and bibliographic databases from a user's perspective. It represents a more holistic approach to retrieval and access as the relationships between the entities provide links to navigate through the hierarchy of relationships. The model is significant because it is separate from specific cataloguing standards such as [AACR2](#) or [International Standard Bibliographic Description](#) (ISBD).

- Contents** [\[hide\]](#)
- [1 FRBR Entities](#)
 - [2 Relationships](#)
 - [3 References](#)
 - [4 External links](#)

FRBR Entities

FRBR is comprised of groups of entities:

- Group 1 entities are Work, Expression, Manifestation, and Item, and represent the products of intellectual or artistic endeavour.
- Group 2 entities are person and corporate body, responsible for the custodianship of Group 1's intellectual or artistic endeavour.
- Group 3 entities are subjects of Group 1 or Group 2's intellectual endeavour, and include concepts, objects, events, places.

Group 1 entities are the foundation of the FRBR model:

- Work is a "distinct intellectual or artistic creation." [\(IFLA 1998\)](#)
- Expression is "the specific intellectual or artistic form that a work takes each time it is 'realized.'" [\(IFLA 1998\)](#)
- Manifestation is "the physical embodiment of an expression of a work. As an entity, manifestation represents all the physical objects that bear the same characteristics, in respect to both intellectual content and physical form." [\(IFLA 1998\)](#)

Wiki—create new entry

 203.70.68.132 [talk for this ip](#) [create an account or log in](#)

Set \$wgLogo
to the URL
path to your
own logo
image.

[special page](#)

Search results

For query "Archiving"

There is no page titled ":Archiving". You can [create this page](#).

For more information about searching Flysheet Wiki, see [Searching Flysheet Wiki](#).

Showing below **0** results starting with **#1**.

No page title matches

No page text matches

Note: unsuccessful searches are often caused by searching for common words like "have" and "from", which are not indexed, or by specifying more than one search term (only pages containing all of the search terms will appear in the result).

Search in namespaces :

(Main) Talk User User talk Flysheet Wiki Flysheet Wiki talk Image Image talk MediaWiki MediaWiki talk Template Template talk Help Help talk Category Category talk

List redirects Search for

navigation

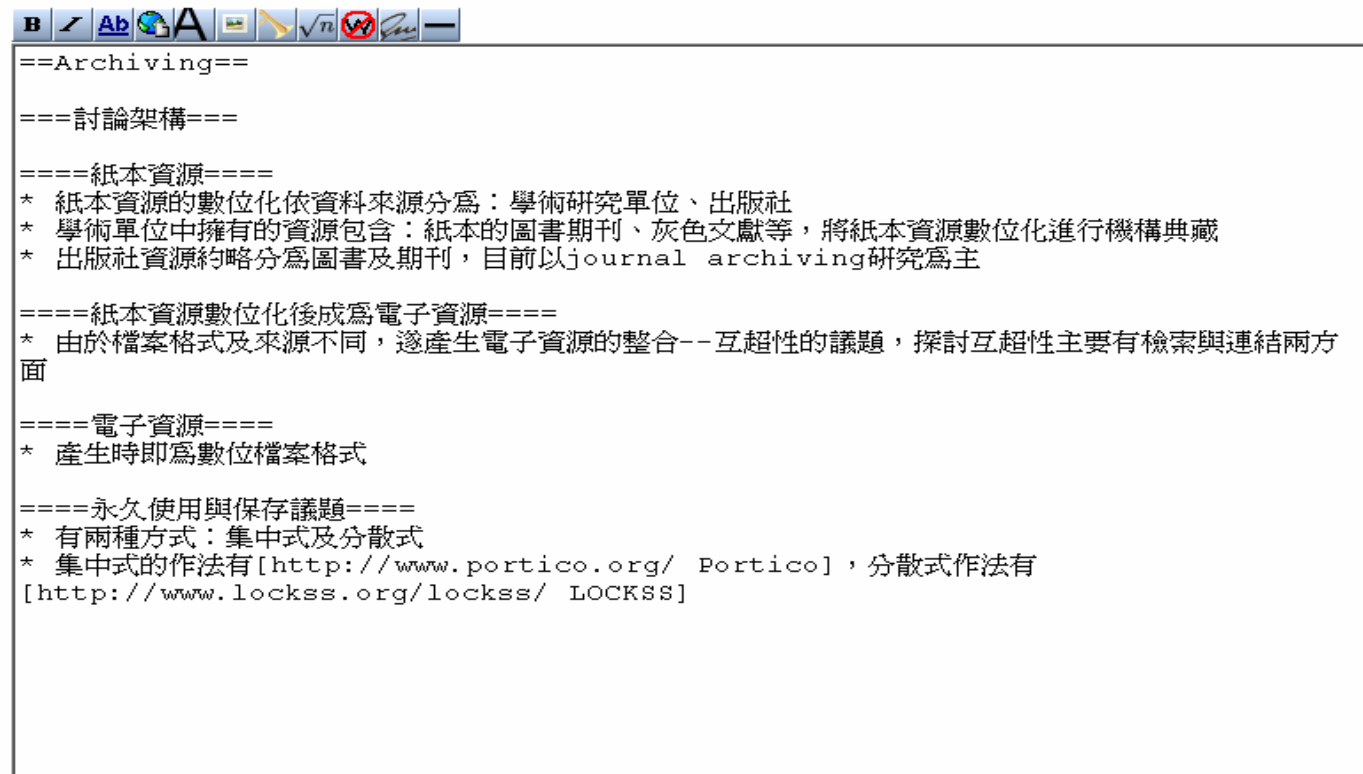
- [Main Page](#)
- [Community portal](#)
- [Current events](#)
- [Recent changes](#)
- [Random page](#)
- [Help](#)
- [Donations](#)

search

toolbox

- [Special pages](#)

Standardized formatting and layout



The screenshot shows a Wiki editing interface with a toolbar at the top containing icons for bold, italic, link, unlink, list, and other formatting options. The main text area contains the following content:

```
==Archiving==

===討論架構===

====紙本資源====
* 紙本資源的數位化依資料來源分爲：學術研究單位、出版社
* 學術單位中擁有的資源包含：紙本的圖書期刊、灰色文獻等，將紙本資源數位化進行機構典藏
* 出版社資源約略分爲圖書及期刊，目前以journal archiving研究爲主

====紙本資源數位化後成爲電子資源====
* 由於檔案格式及來源不同，遂產生電子資源的整合--互超性的議題，探討互超性主要有檢索與連結兩方面

====電子資源====
* 產生時即爲數位檔案格式

====永久使用與保存議題====
* 有兩種方式：集中式及分散式
* 集中式的作法有[http://www.portico.org/ Portico]，分散式作法有
[http://www.lockss.org/lockss/ LOCKSS]
```

Summary:

[Cancel](#) | [Editing help \(opens in new window\)](#)

Please note that all contributions to Flysheet Wiki may be edited, altered, or removed by other contributors. If you don't want your writing to be edited mercilessly, then don't submit it here.

You are also promising us that you wrote this yourself, or copied it from a public domain or similar free resource (see [Project:Copyrights](#) for details). **DO NOT SUBMIT COPYRIGHTED WORK WITHOUT**

Talk:

Talk:Functional Requirements for Bibliographic Records - Wikipedia, the free encyclopedia - Microsoft Internet Explorer

檔案(F) 編輯(E) 檢視(V) 我的最愛(A) 工具(T) 說明(H)

← 上一頁 → 搜尋 我的最愛

連結 Yahoo! 奇摩字典 church 水里 花蓮 Diphenidol Drug Information http--ligolim.servepics.com-korea-index1.html post to del.icio.us

地址(D) http://en.wikipedia.org/wiki/Talk:Functional_Requirements_for_Bibliographic_Records 輸入中文, 直接搜索 移至

Wend my talk my preferences my watchlist my contributions log out

article **discussion** edit this page + history move unwatch

Early registration for Wikimania 2006 is open until July 9.

Talk:Functional Requirements for Bibliographic Records

From Wikipedia, the free encyclopedia

Please feel free to add to this entry. I tried to cover the main concepts of FRBR. I also tried to link to the most pertinent related things -- AACR2, RDA, IFLA. There is a host of stuff that's related but I was trying to stick to the KISS theory (Keep It Simple...)

There are still a few outstanding things to add:

- see ref to FRBR
- clean up the citations -- they aren't done quite correctly
- nice to have would be the visual of the relationships between entities, esp. Group 1

--[krislibrarian](#) 15:43, 7 November 2005 (UTC)

WIKIMEDIA project

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Powered By MediaWiki

navigation

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

search

Go Search

toolbox

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

完成 網際網路

Further Discussion on specific entry


The screenshot shows a web browser window with the URL `http://203.70.68.247/wiki/index.php?title=Talk:Archiving&action=edit`. The browser has several tabs open: 'Talk:Digg - Wikipedia, the f...', 'Editing Talk:Archiving ...', 'Home - LOCKSS', and 'Portico: About Portico'. The user's IP address is 203.70.68.132, and there are links for 'talk for this ip' and 'create an account or log in'.

The main content area is titled 'Editing Talk:Archiving' and features a rich text editor with a toolbar containing icons for bold, italic, underline, link, unlink, list, and table. The text in the editor reads: 'LOCKSS與Portico資料需再增加電子資源保存面臨議題'.

On the left side, there is a navigation menu with the following items: Main Page, Community portal, Current events, Recent changes, Random page, Help, and Donations. Below the navigation menu is a search box with 'Go' and 'Search' buttons. At the bottom of the left sidebar is a toolbox with 'What links here', 'Related changes', and 'Special pages'.

At the bottom of the editing area, there is a 'Summary:' field and a row of buttons: 'Save page', 'Show preview', 'Show changes', 'Cancel', and 'Editing help (opens in new window)'.

Editing History

 [203.70.68.132](#) [talk for this ip](#) [create an account or log in](#)

[article](#) | [discussion](#) | [edit](#) | [history](#)

Archiving

Revision history

(Latest | Earliest) View (previous 50) (next 50) ([20](#) | [50](#) | [100](#) | [250](#) | [500](#)).

Diff selection: mark the radio boxes of the versions to compare and hit enter or the button at the bottom.

Legend: (cur) = difference with current version, (last) = difference with preceding version, M = minor edit.

[Compare selected versions](#)

<input type="checkbox"/>	(cur)	<input type="checkbox"/>	(last)	<input checked="" type="radio"/>	09:45, 3 May 2006	203.70.68.132
<input type="checkbox"/>	(cur)	<input type="checkbox"/>	(last)	<input checked="" type="radio"/>	09:34, 3 May 2006	203.70.68.132 (<i>Archiving</i>)

[Compare selected versions](#)

(Latest | Earliest) View (previous 50) (next 50) ([20](#) | [50](#) | [100](#) | [250](#) | [500](#)).

Set \$wgLogo to the URL path to your own logo image.

navigation

- [Main Page](#)
- [Community portal](#)
- [Current events](#)
- [Recent changes](#)
- [Random page](#)
- [Help](#)
- [Donations](#)

search

toolbox

- [What links here](#)
- [Related changes](#)
- [Special pages](#)

Version Comparison

203.70.68.132 talk for this ip create an account or log in

article discussion edit history

Archiving

(Difference between revisions)

Revision as of 09:34, 3 May 2006
203.70.68.132 (Talk | contribs)
Archiving
← Previous diff

Current revision
203.70.68.132 (Talk | contribs)

Line 17:

* 有兩種方式：集中式及分散式	* 有兩種方式：集中式及分散式
* 集中式的作法有[http://www.portico.org/ Portico]，分散式作法有[http://www.lockss.org/lockss/ LOCKSS]	* 集中式的作法有[http://www.portico.org/ Portico]，分散式作法有[http://www.lockss.org/lockss/ LOCKSS]
	+
	+ [[Category:Research]]

Current revision

Contents [hide]

- 1 Archiving
 - 1.1 討論架構
 - 1.1.1 紙本資源
 - 1.1.2 紙本資源數位化後成為電子資源
 - 1.1.3 電子資源
 - 1.1.4 永久使用與保存議題

Set \$wgLogo to the URL path to your own logo image.

navigation

- Main Page
- Community portal
- Current events
- Recent changes
- Random page
- Help
- Donations

search

toolbox

- What links here
- Related changes
- Special pages
- Printable version

DB Schema for Wiki

Microsoft Access - [資料庫關聯圖]

檔案(F) 編輯(E) 檢視(V) 資料庫關聯圖(R) 工具(T) 視窗(W) 說明(H)

輸入需要解答的問題

就緒

Wiki

- An open platform for users to easily **add**, **remove** or otherwise **edit** -- with or without the need for registration.
- Entries in the Wiki could be anything.
- A larger discussion on evaluating specific issues.
- DB-supported version control.
- Web interface.
- Open source
- Wikipedia is not Wiki, rather than the application of Wiki
- User as a contributor
- Collaborative Authoring
- Collaboration
- Participation

From Individual
to
Social Networks

AND

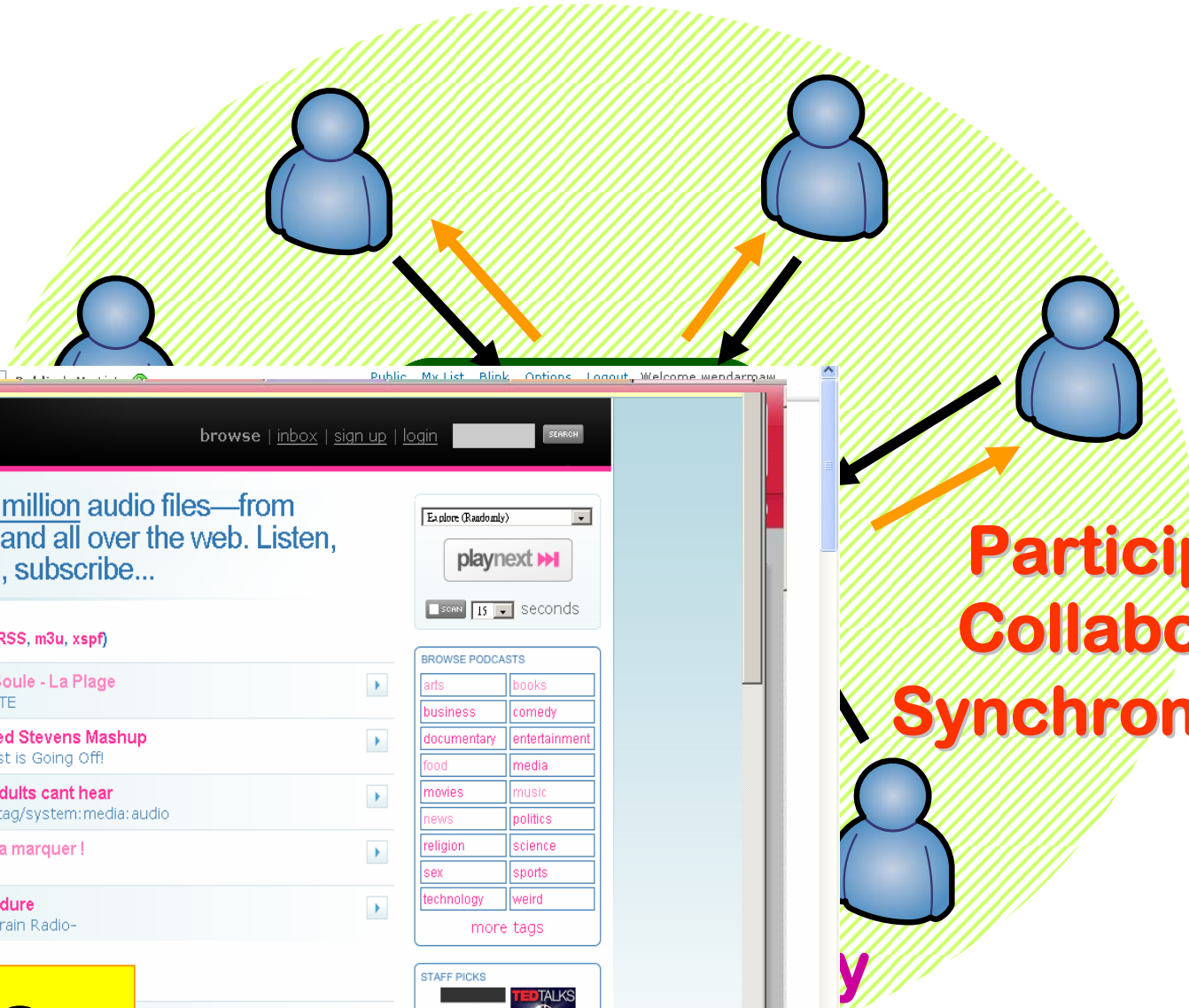
From Text Format
to
Images, Audio, and Video

The Evolution of Social Software

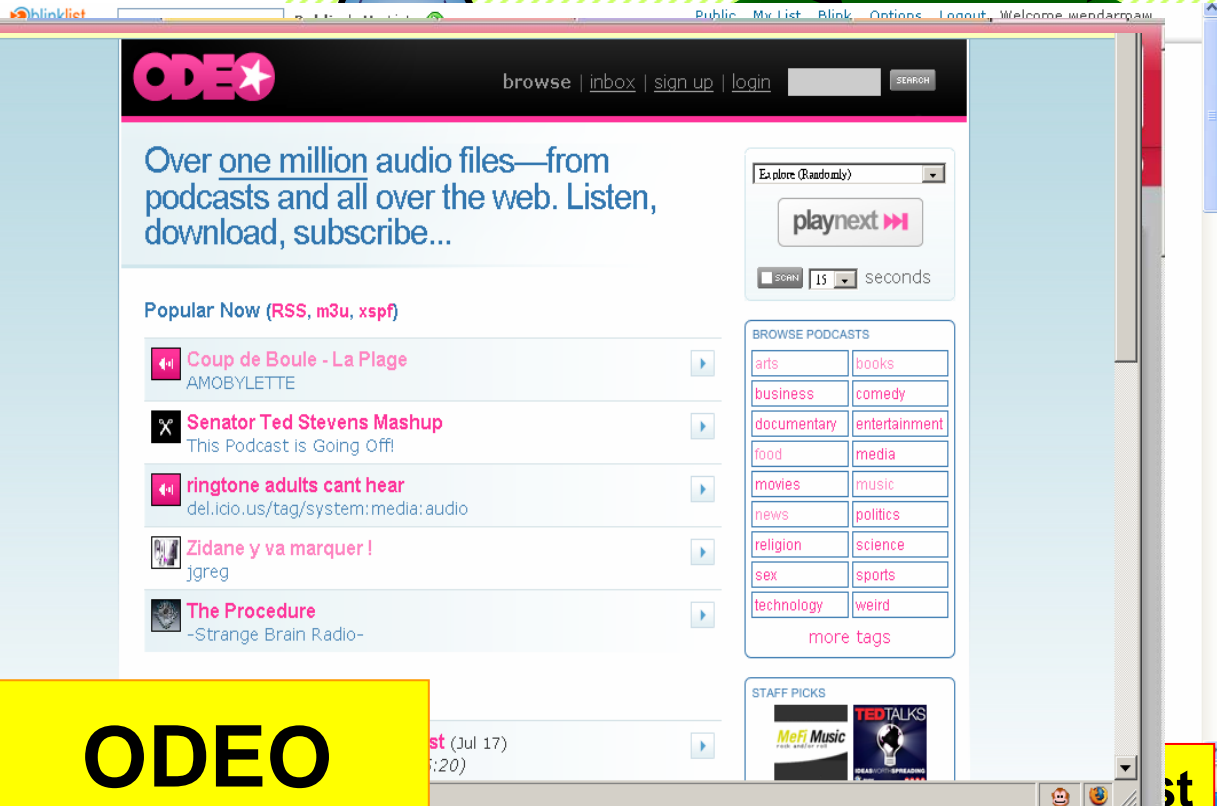
- Internet Social Networks (Online Community)
 - A platform for people to build up their social networks electronically and virtually.
- Internet Social Networking Services
 - System Tools and Services for Building up the Community

Hosting Services
vs.
Client Services
in
Social Networks

Hosting Services Social Network



Participation
Collaboration
Synchronization



ODEO

st

Hosting Services Social Networks

- Bookmarking Services (del.icio.us)
- Images Services ([flickr](http://flickr.com))
- News Services ([digg](http://digg.com))
- Music (last.fm)
- Movie ([youtube](http://youtube.com))
- Catalog ([Librarything](http://Librarything.com))

Social Bookmarking Services

- <http://del.icio.us>
- <http://www.blinklist.com>
- <http://furl.net>

Social Bookmarking Services

blinklist

The screenshot shows the blinklist website interface. At the top left is the "blinklist beta" logo. To its right is a search bar with a "Search" button. Below the search bar are radio buttons for "public", "my list", and "google", and a link to "Advanced Search". On the top right, there are icons for "Public", "My List", "New Blink", "Options", and "Logout", along with the text "Welcome! jasminehsu—Give Us Feedback".


The main content area has tabs for "Most Recent" and "Hot Now", and a "Filter by friends" button. A navigation bar shows "1" items. On the right, it says "8960 blinks added today".


The list of items includes:

- [daily dose of imagery]**
http://www.topleftpixel.com/
★★★★☆ (1 vote)
filed under *photoblog* by *scillachi* 0 minutes ago
48 blinks
blink it
- Alice Schwarzer im Interview: „Die I...t wie Hitler“ - FAZ.NET - Feuilleton**
http://www.faz.net/s/RubCF3AEB154CE6496082...
★★★★☆ (0 vote)
filed under *Zeitung, Interview, Alice Schwarzer, Islamisierung* by *Jubub* 0 minutes ago
1 blinks
blink it
- Superfoods: All you need to eat - Independent 11/07/06**
http://news.independent.co.uk/uk/health_me...
Forget vitamin pills. 'Superfoods' are the real thing - and they pack a bigger nutritional punch. So which are best? Anastasia Stephens reports
★★★★☆ (0 vote)
filed under *Nutrition, Diet, UK Health News, News, Health* by *western4uk* 1 minute ago
1 blinks
blink it
- => Xen vs. OpenVZ: live migration**
http://forum.openvz.org/index.php?t=msg&go...
★★★★☆ (0 vote)
filed under *openvz, virtualization* by *jiangti* 1 minute ago
1 blinks
blink it
- Vivabit | The Web's Bollocks | A DOM Ready Extension for Prototype**
http://www.vivabit.com/bollocks/2006/06/21...
★★★★☆ (1 vote)
filed under *Quick Blinks, ajax, css, javascript* by *gryphen* 1 minute ago
7 blinks
blink it
- goowy**
http://www.goowy.com/
一个基于Web的桌面系统
★★★★☆ (6 votes)
60 blinks
blink it

The sidebar on the right is titled "Popular Discovery Pages" and lists various categories: design, cool links of different types, food, barbecue, club, restaurant, laundry, broccoli, martini, vodka, books to purchase, chopstick, affiliate pay programs, sports, lime, smalltalk, web2.0, blog, tools, chicken, Domain tools, scanner, web 2.0, Scripts How-Tos, fonts, budismo, and blog tools.

What can I do in the blinklist

 Public My List New Blink Options Logout

Most Recent Hot Now  Filter by friends

Filtering

Browse today



[daily dose of imagery] Link to websites

★★★★☆ (1 vote) Vote: rating

Tags and creator

48 blinks

Popular Discovery Pages

- design
- cool links of different types
- food
- barbecue
- club
- restaurant

Add to my list and give tags, description

Name: [daily dose of imagery]
Uri: http://wvs.topleftpixel.com/
Tags: Images,grafix,photog,cool
Description: Stunning photographs which change daily. Wonderfully inspiring site.
 Share it with your Friends Make it Private

Who else adds the Blink



Vivabit | The Web's Bollocks | A DC Extension for Prototype

★★★★★ (1 vote)
filed under Quick Blinks, ajax, css, javascript by gry



goowy

一个基于Web的桌面系统
★★★★★ (6 votes)
filed under Quick Blinks, web2.0 by gryphen 1 minute ago

vijisumi — Aug 25, 2005 - fotos by different artists

angelmax — Sep 19, 2005 - Sam Javanrouh's photoblog

chacho — Mar 1, 2005 - (no description)

anusharaji — Nov 13, 2005 - (no description)

codearachnid — Apr 14, 2006 @ get description

blog tools
fondo

Under Tag: Social Networking



social networking

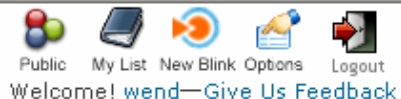
Search

public

my list

google

Advanced Search



Welcome! wend—Give Us Feedback

social networking

Top 3 Contributors



cyberien



Napfisk



hanterheggen

Most Recent

Hot Now

Popular

Filter by friends



1 / 29

4

blinks

blink it

Top 3 contributors: potential friends: "expert"

Overrated-Underrated Rate music, sports, and

those who love having conversations about the merits of a person, place, or thing relative to the general consensus.

★★★★★ (1 vote)

filed under [music](#), [forums](#), [social networking](#), [baseball](#), [opinion](#), [social](#), [network](#), [rate](#), [movies](#), [sports](#) by [vigilantweb](#) 1 day, 13 hours ago

Platewire

<http://platewire.com>

Platewire - Report bad drivers, connect with cute ones!

☆☆☆☆☆ (0 vote)

filed under [road rage](#), [bad drivers](#), [social networking](#) by [badmark](#) 1 day, 1 hour ago

1

blinks

blink it

Home - tribe.net

<http://melbourne.tribe.net/home>

☆☆☆☆☆ (0 vote)

filed under [social](#), [social networking](#) by [johnkitchen](#) 1 day, 5 hours ago

1

blinks

blink it

5 reasons why social networks fail

<http://www.tnl.net/blog/2006/06/15/5-reaso...>

5. Privacy concerns 4. No real reward or penalty system 3. Not granular enough 2. Not integrated with other apps 1. Walled Gardens

★★★★★ (3 votes)

filed under [Quick Blinks](#), [sns](#) by [ensoph](#) 1 day, 23 hours ago

14

blinks

blink it

»»Related Tags

»»web 2.0 (90)

»»community (69)

»»social software (60)

»»web2.0 (55)

»»social (48)

»»social bookmarking (41)

»»myspace (40)

»»social media (31)

»»ziki competitor (30)

»»Quick Blinks (29)

»»business networking (27)

»»networking (25)

»»rss (24)

»»4ziki (23)

»»sharing (22)

»»folksonomy (21)

»»blogs (20)

»»music (19)

»»tools (19)

Régi kollégág automatikus megtalálása

1

Browse bookmarks under a Contributor

cyberien's collection of social networking on Blinklist - Microsoft Internet Explorer

檔案(F) 編輯(E) 檢視(V) 我的最愛(A) 工具(T) 說明(H)

← 上一頁 → 搜尋 我的最愛

連結 Yahoo! 奇摩字典 church 水里 花蓮 Diphenidol Drug Information http--ligolim.servepics.com-korea-index1.html post to del.icio.us

地址(D) http://www.blinklist.com/cyberien/social%20networking/ 輸入中文, 直接搜索 移至

blinklist beta social networking public my list google Advanced Search Public My List New Blink Opts Logout Welcome! wend—Give Us Feedback

cyberien — 453tags — 790links

- social networking (20)
- social software (38)
- ziki competitor (29)
- community (24)
- 4ziki (22)
- business networking (21)
- social media (19)
- social search (9)
- search engine (9)
- rss (8)
- search (6)
- feed (5)
- strategy (5)
- jobs (4)
- music (4)
- concept (4)
- social network (4)
- reference (4)
- aggregation (3)
- research (3)
- google (3)

Quickstart Friends Fans

Message Board

mreining: Love the sites you are blinking! 500 blinks is a big milestone 2 months

mreining: Sweet, you just blinked your 100th

Most Recent Top Rated 1 / 6

MyBlogLog Communities
http://www.mybloglog.com/buzz/
Bloggers & Website Authors Understand, connect and engage with your readers like never before Register Your Site Now - FREE Website & Blog Readers Connect with authors and other fans of your favorite sites Join Now - FREE
★★★★☆ (1 vote)
filed under ziki competitor, social networking, feed, blog, 4ziki by cyberien Jun 21, 2006

MOG - Home
http://mog.com/
★★★★☆ (4 votes)
filed under music, ziki competitor, social software, 4ziki, community, social networking by cyberien Jun 20, 2006

Nooz
http://www.nooz.com/
★★★★☆ (0 vote)
filed under social networking, news, feed, 4ziki, digg, community, design by cyberien Jun 19, 2006

minglenow
http://minglenow.com/
★★★★☆ (0 vote)
filed under 4ziki, concept, social networking by cyberien Jun 13, 2006

iMedia Connection: Build Your Brand Through Social Networking
http://www.imediaconnection.com/content/99...
With the ever-increasing social use of the web, websites are becoming

5 blinks blink it

17 blinks blink it

6 blinks blink it

1 blinks blink it

2 blinks blink it

網際網路

Contributor's Friends

BlinkList | Your personal start page and social bookmarking engine - Microsoft Internet Explorer

檔案(F) 編輯(E) 檢視(V) 我的最愛(A) 工具(T) 說明(H)

← 上一頁 → 搜尋 我的最愛

連結 Yahoo!奇摩字典 church 水里 花蓮 Diphenidol Drug Information http--ligolim.servepics.com-korea-index1.html post to del.icio.us


地址(D) http://www.blinklist.com/cyberien/friend.php 輸入中文, 直接搜索 移至

blinklist beta public my list google Advanced Search Public My List New Blink Options Logout Welcome! wend Give Us Feedback

cyberien's friends

. opensource . p2p . streaming . rails . web2.0 . php . basecamp . VOIP . project management . video call

Thinking about...




olivier
total : 530 links
last 7 days : 9 links

most recent link added on Jul 7, 2006

- Comatose
- Red Swoosh - free your links
- activeCollab - open source project...
- TaskTHIS :: Home
- Jitsu - Rich Web Application Framework

. myspace . social networking

Thinking about...



Severine
total : 61 links
last 7 days : 1 links

most recent link added on Jul 5, 2006

- iMedia Connection: MySpace in the...
- TechCrunch » Blog Archive » CNET...
- TechCrunch » Blog Archive » MySpace...
- How much should a design cost?
- Read/WriteWeb: Cease and Desist...

Your Account

- My Page
- Blink New Site
- Edit Your Profile
- Quickstart
- Friends
- Fans
- Make All Links Public
- Delete All Links
- Logout

Options

- Add BlinkList to Browser
- Import Browser
- Import Furl
- Import Blinklist
- Import Del.icio.us
- Backup Blinklist Bookmark

Support

- Get Help
- Discussion Board "Blinklist"
- Watch the demo movies

Blinklist | Mindvalley

- Give Us Feedback
- MindValley Blog
- Site Updates
- We're Hiring
- Privacy Policy

Contributor's Fans

BlinkList | Your personal start page and social bookmarking engine - Microsoft Internet Explorer

檔案(F) 編輯(E) 檢視(V) 我的最愛(A) 工具(T) 說明(H)

← 上一頁 → 搜尋 我的最愛

連結 Yahoo! 奇摩字典 church 水里 花蓮 Diphenidol Drug Information http--ligolim.servepics.com-korea-index1.html post to del.icio.us

地址(D) http://www.blinklist.com/cyberien/fan.php 輸入中文, 直接搜索 移至

Public My List New Blink Options Logout
Welcome! wend Give Us Feedback

cyberien's fans

. Papers . tools . resources . translation . chat . education . edtech . ant . bruno_latour . art therapy

Thinking about...




artaide
total : 4740 links
last 7 days : 16 links

most recent link added on Jul 6, 2006

- m-ICTE2005 3rd International...
- The ups and downs of learning online
- Awards for the 2006 International...
- AMA (Med Ed Products) Art therapist
- Effects of Age and Gender on Blogging

. rss2[...] . AgregateurEnLigne . ComAudioVideo . comchat . SondageForm . reseautagesocial . portfolio . groupes . StockagePartageFichiers . AideQuestions

Thinking about...



loichay
total : 1070 links
last 7 days : 12 links

most recent link added on Jul 7, 2006

- NewsHutch
- GeoTagThings
- WyaCracker [formulaire]
- Commentful
- ActiveCollab

. opensource . rails . web2.0 . php . p2p . streaming . software . music . mp3 . xml

Thinking about...




olivier
total : 530 links
last 7 days : 9 links

most recent link added on Jul 7, 2006

- Comatose
- Red Swoosh - free your links
- activeCollab - open source project...
- TaskTHIS :: Home
- Jitsu - Rich Web Application Framework


. myspace . social networking

Thinking about...



Severine
total : 61 links
last 7 days : 1 links

Thinking about...



Vetruve
total : 574 links
last 7 days : 0 links

完成 網際網路

Invite a Friend to your List

wend's BlinkList page on Blinklist - Microsoft Internet Explorer

檔案(F) 編輯(E) 檢視(V) 我的最愛(A) 工具(T) 說明(H)

← 上一頁 → 搜尋 我的最愛

連結 Yahoo!奇摩字典 church 水里 花蓮 Diphenidol Drug Information http--ligolim.servepics.com-korea-index1.html post to del.icio.us

地址(D) http://www.blinklist.com/wend/ 輸入中文, 直接搜索 移至

blinklist beta

wend — 17 tags — 10 links

Favorite Popular Recent My Cloud

- free - Jul 9, 2006
- bookmarklet - Jul 9, 2006
- library - Jul 9, 2006
- openurl - Jul 9, 2006
- card - Jul 9, 2006
- strategic - Jul 9, 2006
- balance - Jul 9, 2006
- management - Jul 9, 2006
- sigma - Jul 9, 2006
- score - Jul 9, 2006
- scorecard - Jul 9, 2006
- balanced - Jul 9, 2006
- Quick Blinks - Jul 9, 2006
- six - Jul 9, 2006
- kaplan - Jul 9, 2006
- norton - Jul 9, 2006
- ★ blinklist tips - Nov 30, 1999 (edit tags)

Quickstart Friends Fans

▼ Message Board

mreining: Hi there. I like to help new BlinkList users so if you have any questions just let me know.
22 hours, 9 minutes [reply](#) [delete](#)

Most Recent

- ★ **CUFTS**
http://cufts.lib.sfu.ca/
an open source (GPL) OpenURL link resolver designed for use by library consortia. It supports multiple sites from one server, online management tools, usage statistics, and includes a knowledgebase of ~165 resources with ~200,000 title records. Sites can ★★★★★ (0 vote)
filed under [free](#), [openurl](#), [library](#) 0 minutes ago
- ★ **HubLog: OpenURL resolver bookmarklet**
http://hublog.hubmed.org/archives/001087.html
★★★★★ (0 vote)
filed under [bookmarklet](#), [library](#), [openurl](#) 1 minute ago
- ★ **Balanced Scorecard Information Free | Balanced Scorecard Software**
http://1st-balancedscorecard.info/
★★★★★ (1 vote)
filed under [balanced](#), [six](#), [kaplan](#), [norton](#), [card](#), [strategic](#), [balance](#), [management](#), [sigma](#), [score](#), [scorecard](#), [Quick Blinks](#) 1 hour, 12 minutes ago
- ★ **← What`'s this Star?**
http://about.blinklist.com/category/2k-sta...
Notice How this Link is marked by a Yellow Star? You can star your favorite Links and Tags to make it easier to find them again. **Learn more*****
★★★★★ (60 votes)
filed under [blinklist tips](#) 1 day, 1 hour ago
- ★ **How People are Using BlinkList**
http://about.blinklist.com/category/genera...
BlinkList is so flexible you can use it for many things. See how other

Public My List New Blink Options Logout

Welcome! wend — Give Us

- Blinklist
- Blink New Site
- Get Help
- Get Help on Blinklist
- Tools
- Reinstall Bookmarklet
- Import from Browser
- Import from BlinkList
- Import from del.icio.us
- Import from Furl.net
- Make all Links Public
- Backup your Bookmarks
- Others
- Invite a Friend**
- User Settings
- Edit Profile
- Delete all Your Links

17285 blinks edit del

17380 blinks

javascript.Pop('/index.php?Action=Watch/watch.php',600,600) 網際網路

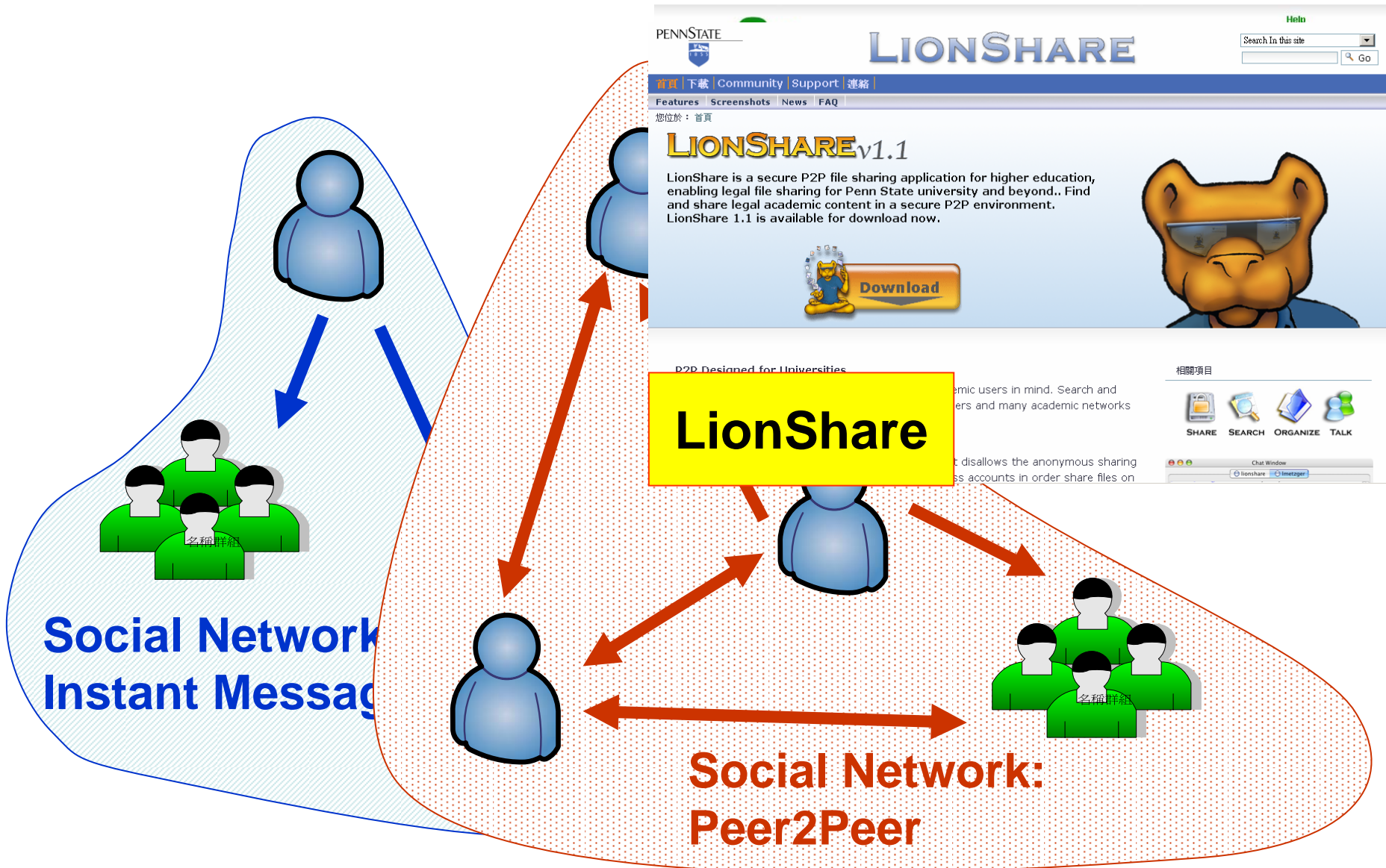
Add some contributor to your Watchlist

The screenshot shows a social networking site interface. At the top, there are tags like 'Photography', 'streaming media', 'tagging', 'technology', 'todolist', 'tool', 'travel', 'uk', 'web', 'application', 'web applications', 'design', 'Web Desktop', 'web service', 'web', and 'web2.0'. A large yellow oval with the text 'Social Network' is overlaid on the top part of the page. Below this, there is a 'Message Board' section with a post from 'mreining' and a 'Your Watchlist' section with 'Friends (1)' and 'Fans (0)'. A red box highlights the 'Add More Friends' button. A 'Manage Your Watchlist' window is open, showing a search bar and a list of users: 'your friends', '@ bluerondo - delete', and 'ven - delete'. Another yellow oval with the text 'Online Community' is overlaid on the bottom part of the page. The interface also includes buttons for 'Quickstart', 'Friends', 'Post', 'User Profile', 'Invite a Friend', and 'Invite'. There are also 'blinks' counts (15, 2, 1) and 'edit del' buttons for each.

Social Networking Services

- Personalization:
 - account and space
- Lists of Internet resources
- Tagging -- *keywords* or tags
- Public and/or private accessible
 - Publicly accessible similar interests under the links by category, tags
 - Privacy
- Resource Ranking
- Resource Rating
- Web as Platform for hosting the social networking server
- Personalization
- Participation
- Collaboration
- Sharing
- Social Networks:
 - Watchlists
 - Friends and Fans

Client Services Social Network



Social Networking Services

- Most, if not all, social network services:
 - instant messaging
 - peer-to-peer: connectivity and allow users to share files (especially photographs) and messages

- Instant Messaging(IM)

- A client program that hooks up an instant messaging service and differs from e-mail in that conversations are then able to happen in realtime.
- presence information
- MSN Messenger, AOL Instant Messenger, Yahoo! Messenger, Skype, Google Talk.

P2P (Peer-to-peer) Computer Network

- A [network](#) that relies primarily on the computing power and [bandwidth](#) of the participants in the network rather than concentrating it in a relatively low number of [servers](#).
- P2P networks are typically used for connecting nodes via largely [ad hoc](#) connections.
- Sharing content files (see [file sharing](#)) containing audio, video, data or anything in digital format is very common, and realtime data, such as [telephony](#) traffic, is also passed using P2P technology
- There is no notion of client or server, but only equal nodes that simultaneously function as both "clients" and "servers" to the other nodes on the network.

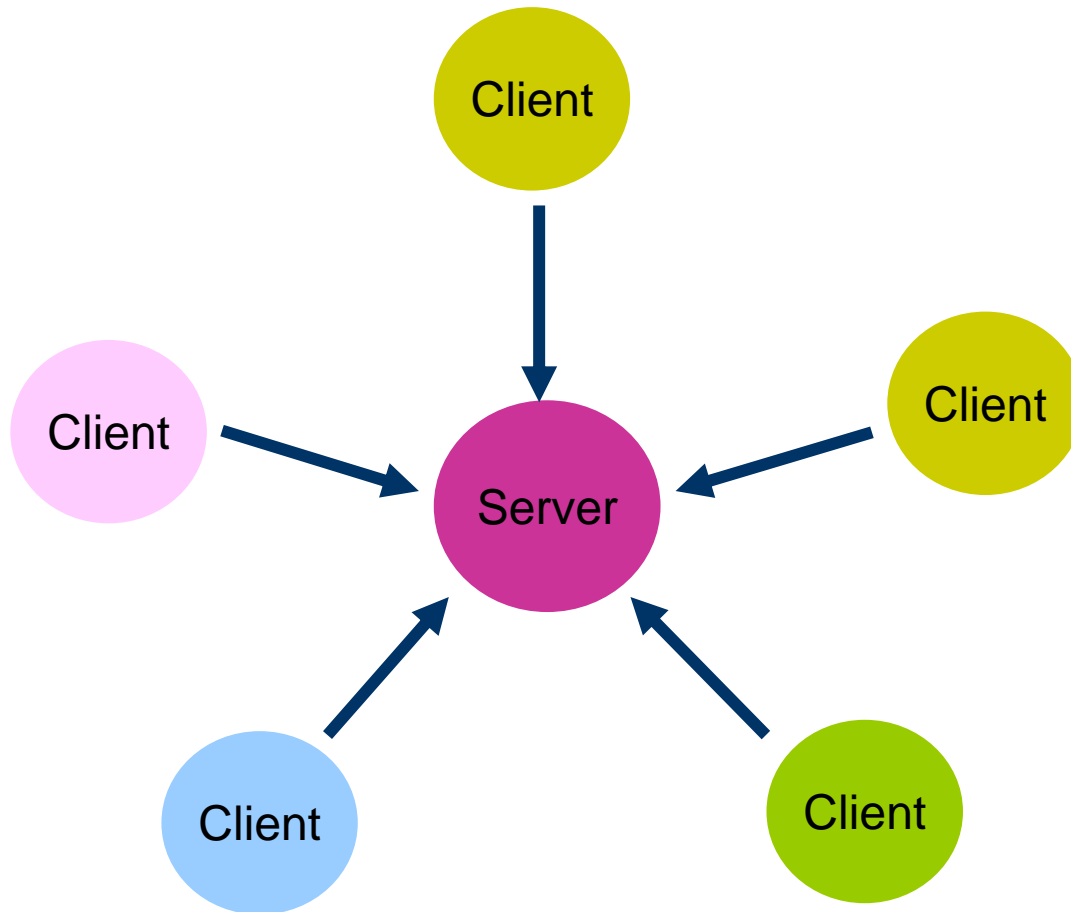
Pioneer in the Peer-to-Peer

BitTorrent Communication
Protocol

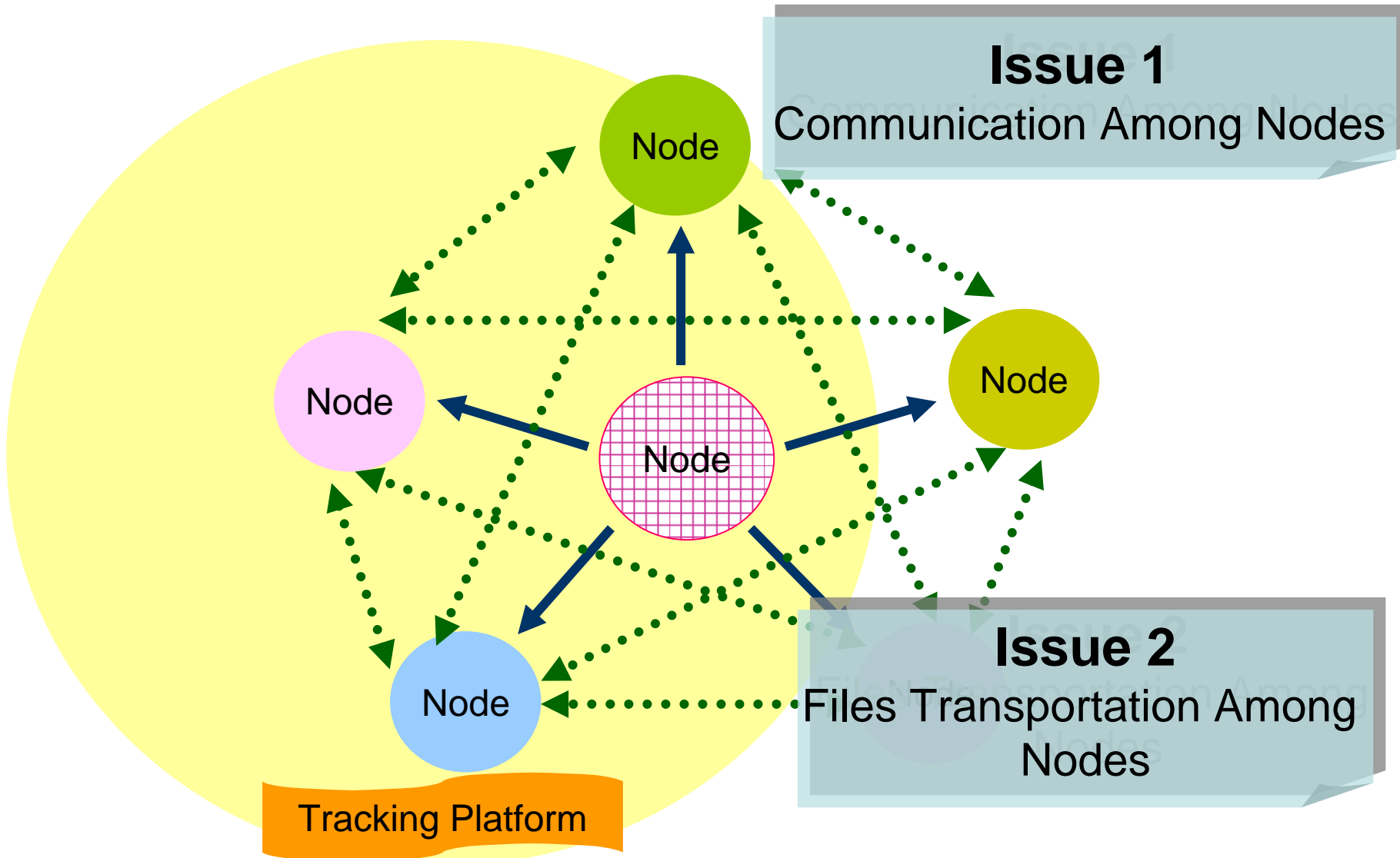
&

BitTorrent Client Application

Tradition file transportation



Peer to peer file transportation



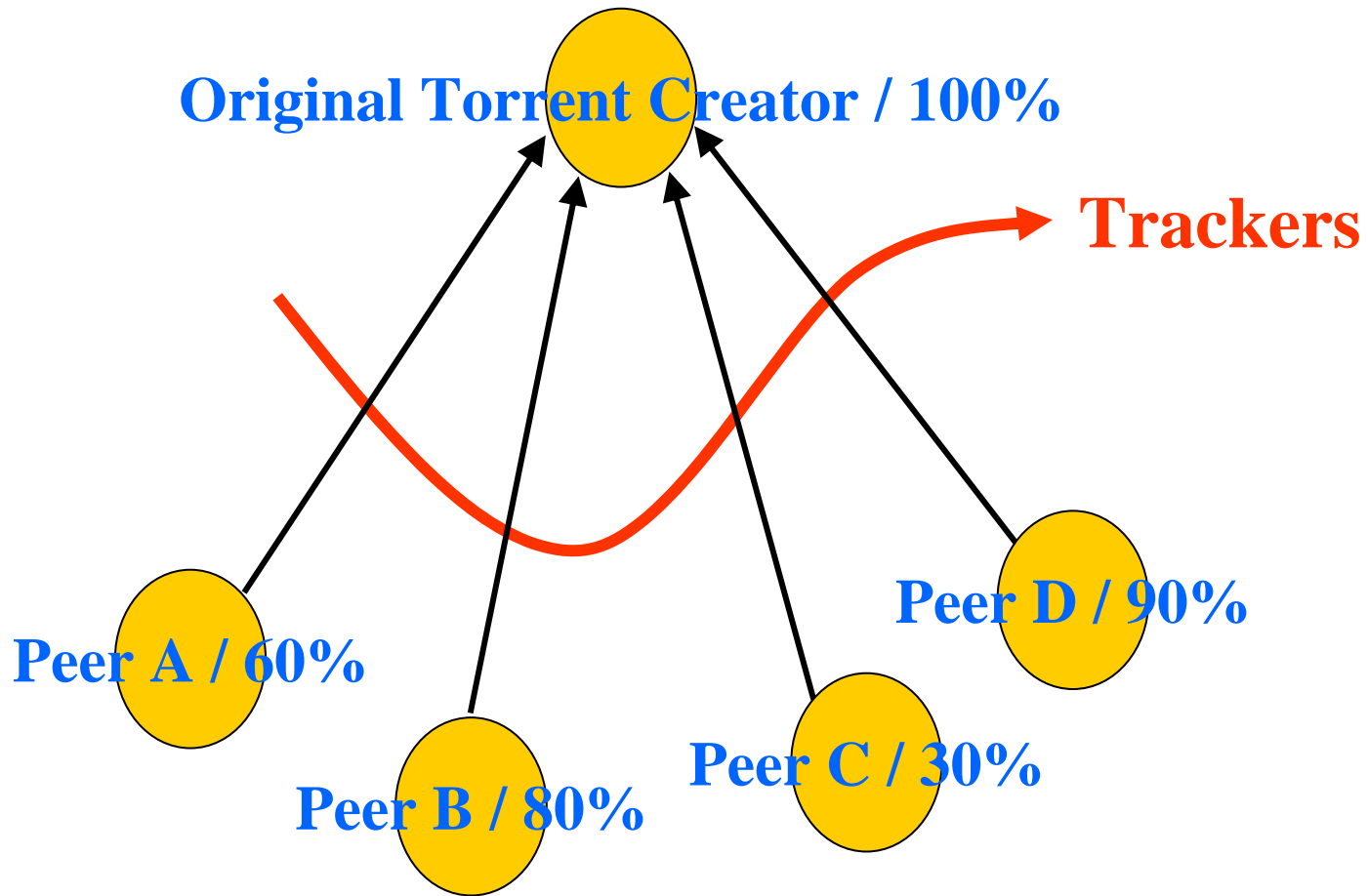
- **Nodes Communication:**

- Communication protocol: BitTorrent
- BitTorrent Protocol enabled local application: Bitcomet

- **File transportation:**

- Fragmentize the file into pieces
- Torrent: Publish your file sharing related information:
 - File name
 - Fragment size
 - File length
 - A pass
- Indexer
- Tracking Mechanism → Tracker
 - Node (preferred peers)
 - File fragment (rarest fragment)

Torrent File – Tracker – Peer Diagram



Legal Issues

- Two major differences between BitTorrent and many other peer-to-peer file-trading systems:
 - **BitTorrent does not offer a search facility within the client application to find files by name**
 - **BitTorrent makes no attempt to conceal the host ultimately responsible for facilitating the sharing**

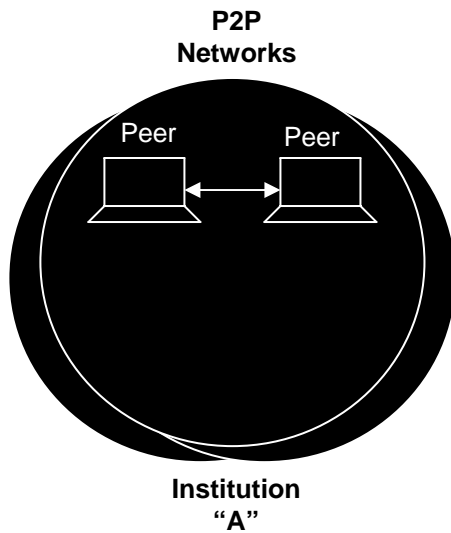
P2P (Peer-to-peer):

LionShare

- Peer-to-peer networks have also begun to attract attention from scientists in other disciplines, especially those that deal with large datasets such as [bioinformatics](#). P2P networks can be used to run large programs designed to carry out tests to identify drug candidates.
- Academic institutions have also begun experimenting with file sharing: one of the most interesting projects is [LionShare](#).

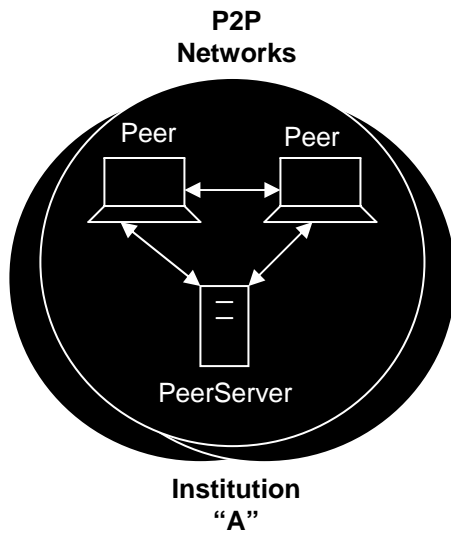
Project Overview

Conceptual Design



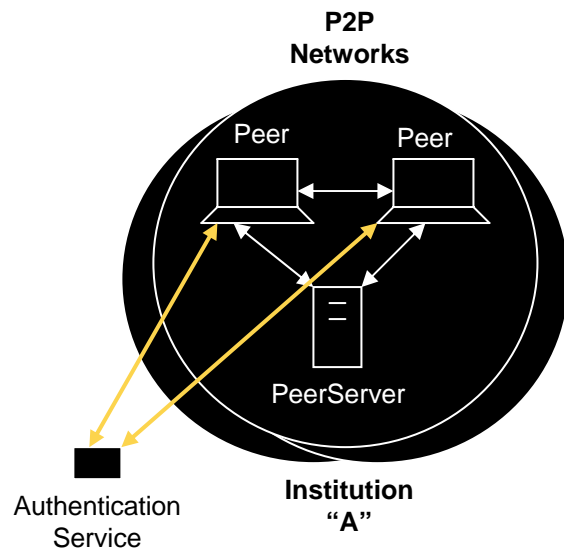
Project Overview

Conceptual Design



Project Overview

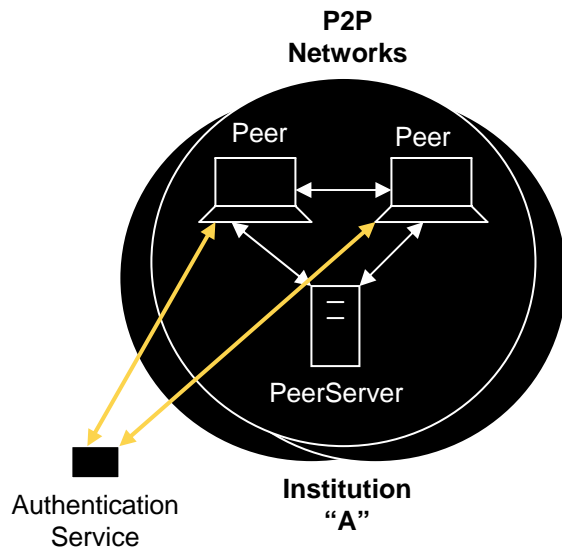
Conceptual Design



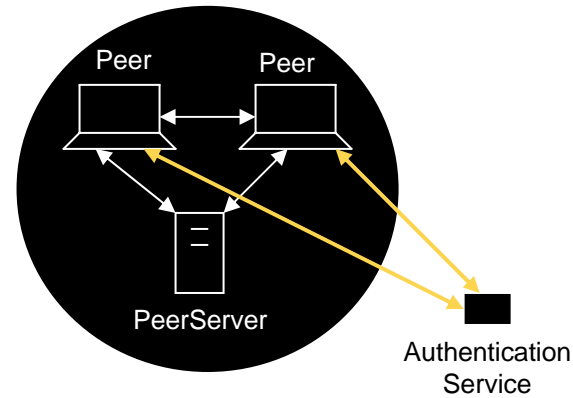
Project Overview

Conceptual Design

Institutional
Boundary

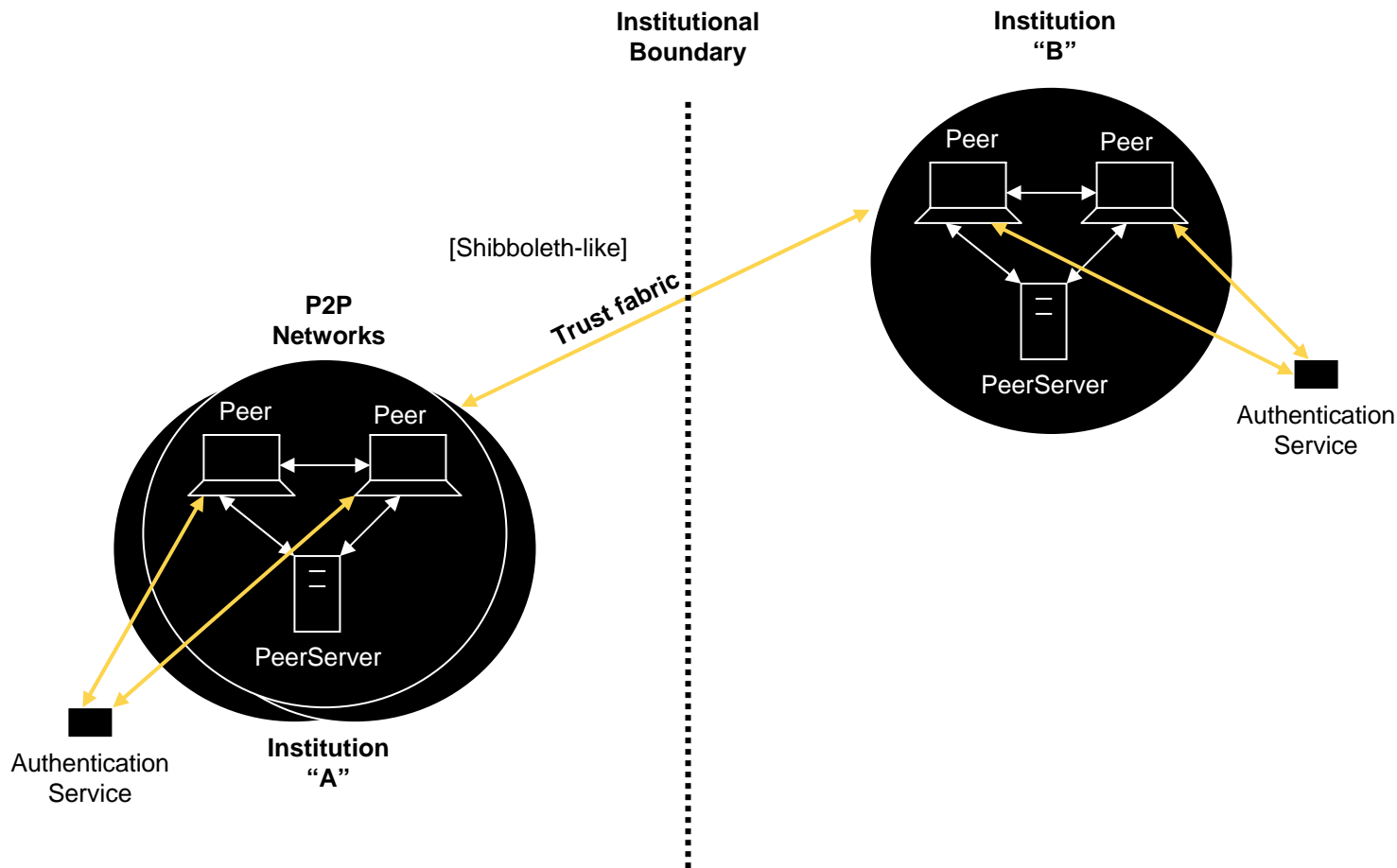


Institution
"B"



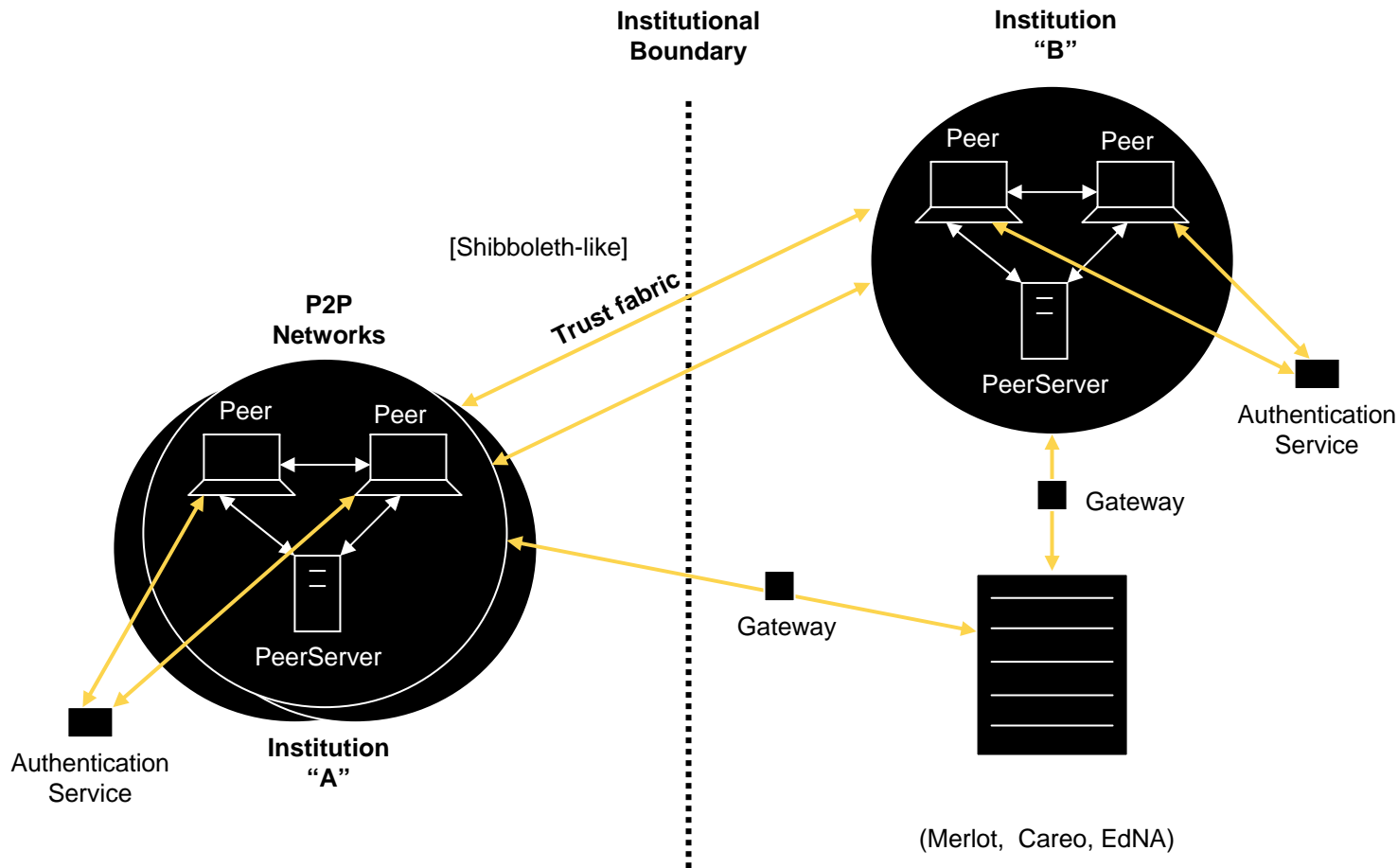
Project Overview

Conceptual Design



Project Overview

Conceptual Design



LionShare Provides...

Tools for Organization

Optimizing organization of personal resources

- Use automated methods to tag resources
- Batch methods for tagging resources
- Metadata tagging tools

Sorting and viewing resources

- Visual resource editors
- Leverage existing resource viewers

LionShare Provides...

Tools for Discovery

Searching across the Internet

- Within P2P network
- Within fixed repositories
 - Any repository accessible via ECL (IMS DRI spec)
 - Any repository accessible via DR OSID (Fedora)
- Publicly accessible or access controlled
- Bookmark URLs, or save objects when possible

LionShare Provides...

Tools for Publishing

Publishing on the P2P network

- Publisher manages metadata describing resource
- Publisher manages access control (AC) policy
- AC resources leverage Federated Model
- PeerServer allows publishing with 24 X 7

LionShare Provides...

Tools for Collaboration

Support collaboration on the P2P network around a resource, or a collection of resources

- One-to-one chat
- Group chat
- Digital whiteboards
- Shared spaces
- Shared collections
- Shared objects



LIONSHARE

Search In this site
Go

Home | **Download** | Community | Support | Contact


Services

You are here: Home → Download

Download LionShare Peer

Organization:	Version:
Penn State	1.1
*Test Users	1.1

Java Web Start



LionShare
Pennsylvania State University

從 lionshare.its.psu.edu 載入 lionshare-peer.jar
讀取 41.9M 的 1.7M (4%)
剩餘預估時間：00:13:27

取消

WebStart:

[Download](#)

[Download](#)

*If you are not a member of Penn State you must request a [test user account](#) and download the LionShare client for Test Users.

Preferred Download Method:

The preferred way to obtain LionShare is to use the Java WebStart link. This method automatically provides the user with updates and bug fixes when the application is started.

System Requirements:






































1. Java Runtime Environment ([JRE 1.5](#)) or higher
2. Supported Operating Systems:
 - Windows 2000/XP, Macintosh OSX 10.4 or higher, Linux, Solaris

Source Code:

Daily builds of the LionShare Source Code can be downloaded from Source

View As List

Search Result Count: 79


@	Filename	Filesize	Sharer	Permissions	Firewall
	Constructing a native consciousness : Taiwan literature in the 20th ...	0 byte(s)	HKUST Institutional Repository		 No
	Interregime marriage and mobility : the case of Mainland China an...	0 byte(s)	HKUST Institutional Repository		 No
	Understanding stock market volatility : the case of Korea and Taiwan	0 byte(s)	HKUST Institutional Repository		 No
	Sunken-Ship Matsushima and Battle-Ship TokiwaPostcard; Russo...	0 byte(s)	War Postcards		 No
	Our Elite Forces Capturing the Pescadores Islands in Taiwan (Sei...	0 byte(s)	Throwing Off Asia		 No
	Japanese Forces Driving Away Taiwanese Bandits near Xinzhu (Ta...	0 byte(s)	Throwing Off Asia		 No
	The Imperial Guard Defeats the Enemy in Hard Fighting at Jilong o...	0 byte(s)	Throwing Off Asia		 No
	Taiwanese Natives Resist Japanese Troops at Takuhsuan (Taiwa...	0 byte(s)	Throwing Off Asia		 No
	Our Troops Landing on Taiwan (Wagagun Taiwan-tô jôriku)Ukiyo-e...	0 byte(s)	Throwing Off Asia		 No
	Taiwanese Bandits Barbarically Assault the Japanese Imperial Gu...	0 byte(s)	Throwing Off Asia		 No
	Our Troops Landing in Taiwan in the Dead of Night (Wagagun shin...	0 byte(s)	Throwing Off Asia		 No
	Geology of Taiwan (the) : Geography of Taiwan	0 byte(s)	Ecl - RDN		 No
	Asian Film Connections	0 byte(s)	Ecl - EdNa		 No
	Biogeography of Taiwan (the) : Geography of Taiwan	0 byte(s)	Ecl - RDN		 No
	Finding News About China	0 byte(s)	Ecl - EdNa		 No
	Republic of China Government Information Office	0 byte(s)	Ecl - EdNa		 No

Detailed Description

Page created by the Department of Geography, National Taiwan Normal University forms part of a resource entitled the Geology of Taiwan. The sections cover: plate tectonics, Taiwan: an island arc, Taiwan's strata conformation, and tectonic movements, together with a map of Taiwan. This page is provided in both Chinese and English and in Flash and non Flash versions.

Buddy List _ □ ×

Chat



LionShare Chat ▾

Technology & System Features

Architecture
of
Personalization,
Participation
and
Collaboration

Architecture of Personalization, Participation and Collaboration

- Self Presence (Web 2.0 Identity)
- Content Contribution
- Content Description (Tagging)
- Rating
- Recommendation
- Filtering

Personalization: Self Presence



Web Images Video News Maps Desktop more »

Search input field

Google Search I'm Feeling Lucky

Advanced Search Preferences Language Tools

Nasa Image of the Day has been removed. Undo

To rearrange your page, drag and drop the title bars.

Home Family Add a tab

Add stuff

Gmail edit

- Inbox (2) Hide preview
una - 檔案已轉交葉老師 - 溫老師您好 Nov 30
una - 上傳空間資料 - 溫老師您好： Nov 30
Gmail - Gmail is different. Here's what 11/22/04
me - Your Gmail account, wendarmaw 11/22/04

NASA's Earth Observatory edit

- News: Purveyors of the Cosmic 'Occult'
Natural Hazards: Dust Storm near Brisbane, Australia
News: NASA's "Footprints" Movie Walks to US Museum Theatres

http://www.thefreedictionary.c edit

Information is temporarily unavailable.

udn發燒新聞 edit

- 吳宗憲拿大麻疑雲逼問NONO、小鐘
賭盤》郝讓謝16萬票 黃讓菊1萬票
連詠心搞音樂 自認壓力沒小安安大

Google 新聞 台灣版 edit

- 檳榔園水井赫見男屍棉被裏體疑是外籍勞工死亡超過三個月 - 壹視新聞網站
資訊月揭幕蘇揆：院長也用电腦來做 - 中央廣播電台 Rti
張芯瑜西門町簽唱會騎白馬入場 - 蕃薯藤新聞

Yahoo!奇摩新聞-即時新聞 edit

- 真人版兵馬俑解說 嚇壞小朋友 (TVBS新聞)
杜哈亞運》陳金鋒率先開砲 中華3比0領先泰國 (麗台運動報)
休耕田園變花海 遊客慕名來 (民視)

Date & Time edit

Calendar widget showing Sat DEC 2 with a clock face

Bookmarks edit

Collaboration & Participation: Tagging (Folksonomy)



Search [] [Search] public my list google Advanced Search

Public My List New Blink Options Logout Welcome! wendarmaw Give Us Feedback

wendarmaw — 10 tags — 7 links

Most Recent

1 / 1

Favorite Popular Recent My Cloud

★ blinklist tips 5

Quickstart

Message Board

reining: Hi there users so if you he know. 2 weeks, 5 days repl

Post

- ▶ User Profile
- ▶ Your Watchlist
- ▶ Invite a Friend

HubLog: Dynamic OpenURL resolver links
<http://hublog.hubmed.org/archives/001063.html> 3 links

close

Name

Description :: more info ::

Url

Tags

use comma (,) to separate tags.

Share it with your Friends
 Make it Private

★ Customize your QuickStart page

<http://about.blinklist.com/category/21-qui...>
 Check out your personal QuickStart page and how to turn it into your personal onramp and startpage for the net.
 ★★★★★ (44 votes)
 filed under [blinklist tips](#) Jul 17, 2006

18367
blinks
edit del

★ Hear bloggers talk about BlinkList

<http://www.blinklist.com/tag/blinklist%20t...>
 See why bloggers are raving about BlinkList and what they are saying.
 ★★★★★ (43 votes)
 filed under [blinklist tips](#) Jul 17, 2006

17361
blinks
edit del

Tagging (Tags)

- A **tag** is a keyword which acts like a subject or category. A keyword is used to organize web-pages and objects on the Internet. Each user "tags" a webpage or image using his/her own unique tag.
- An image or webpage may have multiple tags that identify it. Web-pages and images with identical tags are then linked together and users may use the tag to search for similar web-pages and images.



You aren't signed in Sign In Help

Home Learn More Sign Up! Explore

Search everyone's photos Search

Explore / Tags /

Hot tags

In the last 24 hours

wordcamp, caribana, lollapalooza, bokehsoniceaugust05, mobilife, contextwatcher, utatadines, grantpark, fakelomo, seafair, flaminglips, gaypride, isleofwight, zonetag, msh0806, treo650, ricoh, blueangels, 花火, stopthewar

Over the last week

lazonegro, illuminares, promsumating, aug06, wordcamp, ofmontreal siggraph, blackribbon, caribana, dorealley, thenational, mundouno, fujirock, formoz, lollapalooza, فتان, pitchforkmusicfestival, onenightoffire, siggraph2006, bokehsoniceaugust02

Jump to: GO

All time most popular tags

amsterdam animal animals april architecture art australia baby barcelona beach
berlin birthday black blackandwhite blue boston bw california
cameraphone camping canada canon car cat cats chicago china
christmas church city clouds color concert day dc dog dogs england europe
family festival film florida flower flowers food france friends fun
garden geotagged germany girl graduation graffiti green halloween hawaii hiking
holiday home honeymoon london house india inland island italy japan july june

Tag Cloud

- **weighted list** in the field of visual design) is a visual depiction of content tags used on a website.
- Often, ***more frequently used tags are depicted in a larger font*** or otherwise emphasized while the displayed order is generally alphabetical. Thus both finding a tag by alphabet and by popularity is possible.
- Selecting a single tag within a tag cloud will generally lead to a collection of items that are associated with that tag.



Explore / Tags /

Hot tags

In the last 24 hours

shimonperes, whereiwork, leweb3, peaks, alltomorrowsparties, atp, everyday, project365, lomolca, bollywood, kansai, vince, belgië, minehead, karnataka, f100, bola, leuven, gemma, guadalupe

Over the last week

santarchysf06, jameskim, sydneyflickrphotogeeks19, leweb3, utatafiltered, pinochet, santacon2006, alltomorrowsparties, bushfires, santacon, yep2006, ecafoto06final, elecciones3d, fotb, santarchy, exposure120106, artbasel, nikolaus, weihnachtsfeier, fotb06

Jump to: GO

All time most popular tags

06 africa amsterdam animals architecture art august australia autumn baby barcelona beach berlin birthday black blackandwhite blue boston bw california cameraphone camping canada canon car cat cats chicago china christmas church city clouds color concert day dc dog england europe fall family festival film florida flower flowers food france friends fun garden geotagged germany girl graffiti green halloween hawaii hiking holiday home honeymoon hongkong house india ireland island italy japan july june kids lake

Folksonomy vs. Taxonomy

- Unsystematic -- unsophisticated -- lower content categorization costs
- A "**folksonomy**" is a collaboratively generated, open-ended labeling system
- Freely chosen labels -- called [tags](#) -- help to improve [search engine](#) effectiveness because content is categorized using a familiar, accessible, and shared vocabulary
- Folksonomies develop in [Internet](#)-mediated social environments, users can discover (generally) who created a given folksonomy tag, and see the other tags that this person created..
- Taxonomy was once only the science of classifying living organisms -- but later the word was applied in a wider sense, and may also refer to either a classification of things, or the principles underlying the classification. Almost anything, animate objects, inanimate objects, places, and events, may be classified according to some taxonomic scheme.
- Taxonomies are frequently [hierarchical](#) in structure. However, taxonomy may also refer to relationship schemes other than hierarchies, such as [network structures](#)

Collaboration & Participation:

Weighting
Rating
Filtering
Recommendation

wendarmaw — 10 tags — 7 links

Favorite Popular Recent My Cloud
blinklist tips 5 - links (edit tags)
Quickstart Friends Fans

Message Board

mreining: Hi there. I like to help new BlinkList users so if you have any questions just let me know. 2 weeks, 5 days reply delete

Post

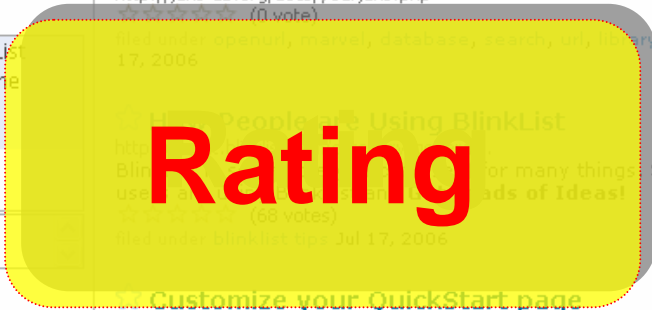
- User Profile
Your Watchlist
Invite a Friend

Most Recent

1 / 1

HubLog: Dynamic OpenURL resolver links
http://hublog.hubme.../archives/001063.html
(1 vote)
filed under bookmarklet, openurl, library Jul 17, 2006

jake — making your own interface to jake
http://jake-db.org/docs/yourjake.php
(0 vote)
XSLT, xml Jul 17, 2006



Customize your QuickStart page
http://about.blinklist.com/category/2l-qui...
Check out your personal QuickStart page and how to turn it into your personal onramp and startpage for the net.
(44 votes)
filed under blinklist tips Jul 17, 2006

Hear bloggers talk about BlinkList
http://www.blinklist.com/tag/blinklist%20t...
See why bloggers are raving about BlinkList and what they are saying.
(43 votes)
filed under blinklist tips Jul 17, 2006

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Technology

IN A NUTSHELL

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Public My List New Blink Options Logout Welcome! wendarmaw Give Us Feedback

Most Recent Hot Now

Filter by friends

Filtering

1

6314

blinks added today

Filtering



Personal and small business information manager: Get organized, Back.. http://www.backpackit.com/

242 blinks blink it

The Alchemy Web Site

http://www.levity.com/alchemy/ Página em inglês com informações completa sobre a arte e ciência alquímica.

2 blinks blink it



Webjay - Playlist Community http://webjay.org/

126 blinks blink it

http://www.blakepages.info/fullsitemap.htm

http://www.blakepages.info/fullsitemap.htm

1 blinks blink it

Welkom bij Osteria-Enoteca Pergola - Leuven

http://www.enoteca-pergola.be/vlees1.html

1 blinks blink it

Templo XV

http://www.temploxv.pro.br/index.aspx

1 blinks blink it

- Popular Discovery Pages Spyware Removal Guides race class therapy arabic Online freeware books travel training therapist education chocolate orthodontist plan biology vodka webdesign recitation technician

Search Books

GO



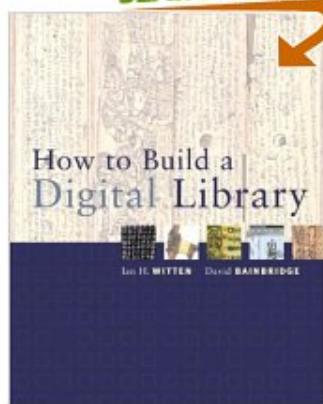
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by [Ian H. Witten](#), [David Bainbridge](#) "Kataayi is a great organization based in the village of Kakunyu in rural Uganda..."
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3 of 3 people found the following review helpful:

★★★★☆ **How to Build a Digital Library**, April 22, 2004

Reviewer: [Kathleen Crewdson & Ian Dew](#) (Thunder Bay, Ontario) - [See all my reviews](#)

This work would be more aptly entitled: "How to Build A Digital Library Using Greenstone Software", since it is largely a primer and manual for Open Source software. The publishers present the work as a book and a website. The website's technology is useful, allowing the reader to

Collaboration & Participation

Weighting
Rating



Filtering
Recommendation



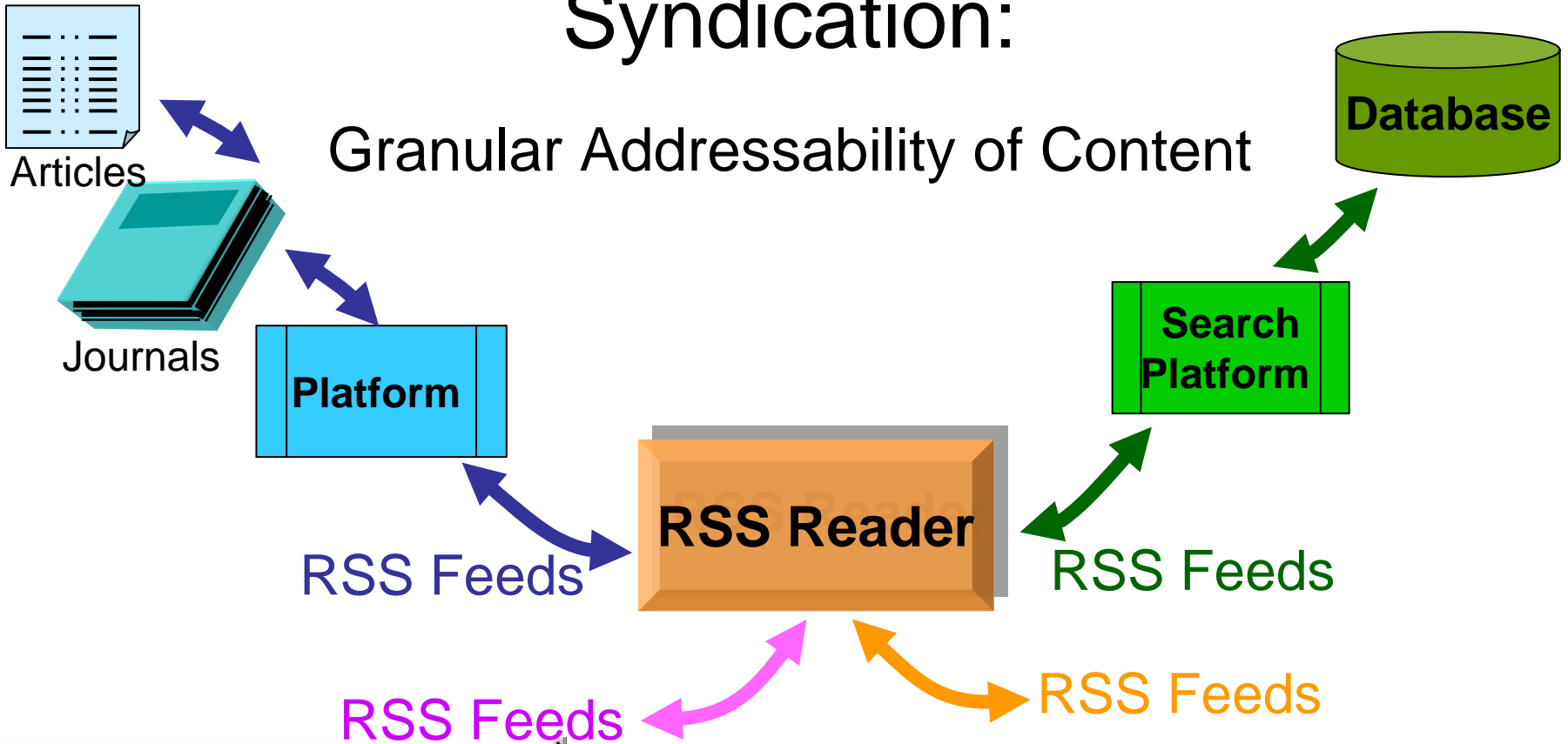
Web 2.0

Syndication

- RSS (Atom) Feed
- Podcast

Syndication:

Granular Addressability of Content



D-Lib Magazine

Blog

Podcast

IoP | Syndication.iop.org

[RSS Channels](#) [About RSS](#) [RSS Software](#) [Feedback](#)

What is RSS?

Really Simple Syndication (RSS) is an XML-based format for content distribution. iop.org offers several RSS feeds with headlines, descriptions and links back to the relevant Web site for the full story.

We encourage you to use these feeds. There are no restrictions, except that you do not post our full-text stories.

Please click on either the RSS 0.91 or RSS 1.0 link to get the corresponding feed.

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RSS Channels by site

Journal of Physics D: Applied Physics

J. Phys. D latest papers

[RSS 0.91](#)[RSS 1.0](#)

Metrologia

Metrologia latest papers

[RSS 0.91](#)[RSS 1.0](#)

Nuclear Fusion

Nuclear Fusion latest papers

[RSS 0.91](#)[RSS 1.0](#)

Physics Education

Physics Education latest papers

[RSS 0.91](#)[RSS 1.0](#)

Physics in Medicine and Biology

Phys. Med. Biol. latest papers

[RSS 0.91](#)[RSS 1.0](#)

Search: xml

Results 1-20 of 572

All sort by: **date**/relevance

0

1 **Design and development of chemical ontologies for reaction representation.**

Sankar P, Aghila G

J Chem Inf Model. 2006 Nov-Dec ; 46(6): 2355-68

 Scopus 10.1021/ci050533x2 **A notary archive model for secure preservation and distribution of electrically signed patient documents.**

Ruotsalainen P, Manning B

Int J Med Inform. 2006 Nov 20;

 Scopus 10.1016/j.ijmedinf.2006.09.0113 **ENN-ICS--implementation and evaluation of a multilingual learning management system for sleep medicine in Europe.**

Knobl B, Paiva T, Jungmann D, Böhme R, Penzel T

Stud Health Technol Inform. 2006; 124: 905-10

Sample file for RSS

```
Altova XMLSpy - [IOP_latestpapers.rdf]
File Edit Project XML DTD/Schema Schema design XSL/XQuery Authentic Convert View Browser WSDL SOAP Tools Window Help
<?xml version="1.0" encoding="utf-8" ?>
<!-- xml-stylesheet href="http://syndication.iop.org/rss.css" type="text/css" media="screen"? -->
- <rdf:RDF xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#" xmlns="http://purl.org/rss/1.0/"
  xmlns:prism="http://prismstandard.org/namespaces/1.2/basic/" xmlns:taxo="http://purl.org/rss/1.0/modules/taxonomy/"
  xmlns:dc="http://purl.org/dc/elements/1.1/" xmlns:syn="http://purl.org/rss/1.0/modules/syndication/"
  xmlns:admin="http://webns.net/mvcb/">
- <channel rdf:about="http://stacks.iop.org/1741-2552">
  <title>Journal of Neural Engineering latest papers</title>
  <link>http://stacks.iop.org/1741-2552</link>
  <description>Journal of Neural Engineering is an important new international journal publishing original research and
  reviews in the interdisciplinary field of neural engineering. Launched in March 2004, the journal is the first publication of
  its kind dedicated to support this exciting field. The journal encompasses all aspects of neural engineering, including
  experimental, computational, theoretical, clinical and applied aspects of: neural interfacing; neuroelectronics;
  neuromechanical systems; neuroinformatics; neuroimaging; neural prostheses; neural circuits: artificial and biological
  neural control; neural functions and performance; neural tissue regeneration; neural signal processing and neural
  modelling and neuro-computation.</description>
  <dc:language>en-gb</dc:language>
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  <dc:date>1970-01-01T00:00:00+00:00</dc:date>
  <dc:publisher>Institute of Physics Publishing</dc:publisher>
  <prism:publicationName>Journal of Neural Engineering</prism:publicationName>
  <prism:issn>1741-2552</prism:issn>
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- <rdf:Seq>
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  <rdf:li rdf:resource="http://stacks.iop.org/1741-2552/3/i=2/a=005?rss=1.0" />
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  <rdf:li rdf:resource="http://stacks.iop.org/1741-2552/3/i=2/a=003?rss=1.0" />
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  <rdf:li rdf:resource="http://stacks.iop.org/1741-2552/3/i=1/a=008?rss=1.0" />
  <rdf:li rdf:resource="http://stacks.iop.org/1741-2552/3/i=1/a=007?rss=1.0" />
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  <rdf:li rdf:resource="http://stacks.iop.org/1741-2552/3/i=1/a=006?rss=1.0" />
  </rdf:Seq>
</items>
Text Grid Schema/WSDL Authentic Browser
IOP_latestpapers.rdf
```

RSS Reader

The screenshot shows the SharpReader RSS reader interface. On the left, a tree view lists 'Subscribed Feeds' with 110/421 items. A red box highlights this list. The main area displays a table of feed items, with one item selected: '【分享】介面佳、功能強的 RSS Reader—RSS Bandit' from '矇矇的...'. Below the table, the selected feed's content is shown, including a title and a paragraph of text.

Subscribed Feeds (110/421)

- Jedi's BLOG | Jedi.org (6/15)
- 喵の卷 (0/7)
- zonble's promptbook (4/9)
- DotNet開發聖殿 (9/17)
- Tomex Ou (3/11)
- uRban_bLog (6/17)
- Vixual 網路視野 (11/56)
- Schee.info (23/40)
- 愛德華日誌 (2/8)
- 野貓咪咪 (0/1)
- 毛毛 & ここ (MoMo & CoCo) (0/0)
- Jan's Tech Blog (4/12)
- 艾文的記事本 (2/5)
- 關於小嫻 (0/0)
- 酋長的部落格 Chieftain's BLOG
- Nelson's Blog (0/7)
- Peko-ism (2/15)
- ihower.idv.tw (1/4)
- Gea-Suan Lin's BLOG (12/97)
- K-blog (1/4)
- [肯恩和他的布拉格] v2.0 (1/4)
- 3F chatchat (11/18)
- 3F chatchat (0/4)
- Mark's Place (0/0)
- 阿修的部落格 (3/20)
- 矇矇的秘密基地 (2/14)
- 設計魔力 (0/19)

Title	Date ▼	Author	Subject
RFID 的應用	2005/4/29 上午 07...	Gea-Sua...	Computer, ...
詩人要住在「鳥巢」裡面一個月	2005/4/29 上午 07...	Gea-Sua...	Murmuring...
「我現在要哭像了！」	2005/4/29 上午 07...	zonble's ...	世界劇場...
看看別人怎麼想	2005/4/29 上午 07...	Gea-Sua...	Computer, ...
粗暴的廣告手法	2005/4/29 上午 02...	Schee.inf...	Blogging
壓死稻草的最後一根駱駝	2005/4/29 上午 01...	Gea-Sua...	Murmuring, ...
Microsoft 的 Open Document 格式？	2005/4/28 下午 11...	Gea-Sua...	Computer, ...
Flickr::Upload	2005/4/28 下午 10...	Gea-Sua...	Computer, ...
淋漓盡誌的四天	2005/4/28 下午 08...	Schee.inf...	Blogging
Cell Phone Finder	2005/4/28 下午 07...	阿修的...	RIA
【分享】介面佳、功能強的 RSS Reader—RSS Bandit	2005/4/28 下午 07...	矇矇的...	應用軟體...
今日連結 2005-04-28	2005/4/28 下午 07...	Schee.in...	Daily
新細明體更新套件 1.0	2005/4/28 下午 06...	Vixual 網...	
免費的 Windows Server 2003 Enterprise Edition	2005/4/28 下午 06...	Vixual 網...	
7AKKA idea 創音雜貨	2005/4/28 下午 06...	Vixual	

Feed: 矇矇的秘密基地

Title: 【分享】介面佳、功能強的 RSS Reader—RSS Bandit

從開始寫 Blog 以來，也常常至其他的 Blogg 站台瀏覽，看看他人的表達與想法，經常可以得到不同的觀點與各類資訊，收穫不少。

當然，當你固定會去多個 Blog 站台瀏覽，日漸地，你就不會想用瀏覽器去一個個點取，看看是否有新的新聞資訊；反之，我們會利用如以前的 News Reader 方式來"訂閱" BBS News，同樣地，利用 RSS Reader 就可以訂閱眾多有提供 RSS 標準協定的站台。而今，所有的 Blog 平台均有支援此協定，包括知名的入口網站，如 Yahoo，也是提供 RSS 讓讀者訂閱每日新聞，甚至，國內最具知名的敗家指標網站 Mobile 01，也提供了"本站新聞"、"新進文章"、"精華文章"等三種 RSS 訂閱方式。

看來，RSS 訂閱的方式是如此地普遍，也可以說是現今獲取新知的最佳利器。

Channels

RSS Feed

Nov. 22, 2006 3:23pm

User ID

Password

> LOG-IN

• Register • Help



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RSS Podcast Feeds



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2. Paste the URL into your Podcast application

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Eye To Eye With Katie Couric Only On The Web: The day after Ed Bradley passed away, correspondent Steve Kroft spoke to one of Bradley's good friends, jazz trumpeter Wynton Marsalis; then Couric files her notebook.	POD	MP4	ARCHIVE	ITUNES
Katie Couric's Notebook Only On The Web: Katie Couric thinks people should be careful about referring to their elders as "cute"—a word almost as condescending as "pecky."	POD	MP4	ARCHIVE	ITUNES
CBS Evening News freeSpeech LaToya Plummer, a student at Gallaudet, America's top university for the deaf, talks about the protest against the school's new president.	POD	MP4	ARCHIVE	ITUNES

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CBS News 60 Minutes Podcast - ...		2006/6/26	CBSNews.com 60 Minutes: Rex Podcast

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- 最近加入的歌曲
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- 最常播放的歌曲 (25...)
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3 個項目, 15.5 分鐘, 7.2 MB



Ajax

Ajax

- **Asynchronous JavaScript And XML**, or its [acronym](#), **Ajax** (Pronounced A-jacks), is a [Web](#) development technique for creating interactive [web applications](#). The intent is to make web pages feel more responsive by exchanging small amounts of data with the server behind the scenes, so that the entire Web page does not have to be reloaded each time the user makes a change. This is meant to increase the Web page's interactivity, speed, and [usability](#).
- The Ajax technique uses a combination of:
 - [XHTML](#) (or [HTML](#)), [CSS](#), for marking up and styling information.
 - The [DOM](#) accessed with a [client-side scripting language](#), especially [ECMAScript implementations](#) like [JavaScript](#) and [JScript](#), to dynamically display and interact with the information presented.
 - The [XMLHttpRequest](#) object to exchange data [asynchronously](#) with the web server. In some Ajax [frameworks](#) and in certain situations, an [IFrame](#) object is used instead of the XMLHttpRequest object to exchange data with the web server.
- [XML](#) is commonly used as the [format](#) for transferring data back from the server, although any format will work, including preformatted HTML, plain text, [JSON](#) and even [EBML](#).
- Like [DHTML](#), [LAMP](#), or [SPA](#), Ajax is not a technology in itself, but a term that refers to the use of a group of technologies together.

Application of Ajax in Library Services

OCLC Research: Dewey Browser

Mozilla Firefox

檔案 (F) 編輯 (E) 檢視 (V) 瀏覽 (G) 書籤 (B) 工具 (T) 說明 (H)

http://deweyresearch.oclc.org/ddcbrowser/ebooks?searchStyle=more

Collection: abr14 ebooks wcat

Browse for: english education All of the keywords English Browse Fewer options Display captions in English

At least 10,000 records At least 1,000 records At least 100 records At least 10 records At least 1 record No records

0	1	2	3	4	5	6	7	8	9
Computer science, information & general works	Philosophy & psychology	Religion	Social sciences	Language	Science	Technology	Arts & recreation	Literature	History & geography

30	31	32	33	34	35	36	37	38	39
Social sciences, sociology & anthropology	Statistics	Political science	Economics	Law	Public administration & military science	Social problems & social services	Education	Commerce, communications & transportation	Customs, etiquette & folklore

300	301	302	303	304	305	306	307	308	309
Social sciences	Sociology & anthropology	Social interaction	Social processes	Factors affecting social behavior	Social groups	Culture & institutions	Communities	[Unassigned]	[Unassigned]

3 record(s) found | Displaying 1 to 3 for 306: Social sciences / Social sciences, sociology & anthropology / Culture & institutions

#Libs	Date*	Dewey Class	Title / Author
285	c2000	306.44973	At war with diversity / Crawford, James Other editions
308	c1993	306.4499678	Teaching and researching language in African classrooms Other editions
31	c1990	306.4499678	Language in education in Africa Other editions

尋找: ajax 往後尋找 (N) 往前尋找 (P) 高亮度變色標記 (A) 符合大小寫 (C)

完成 17.650s Proxy: None

Mashup (Remix)

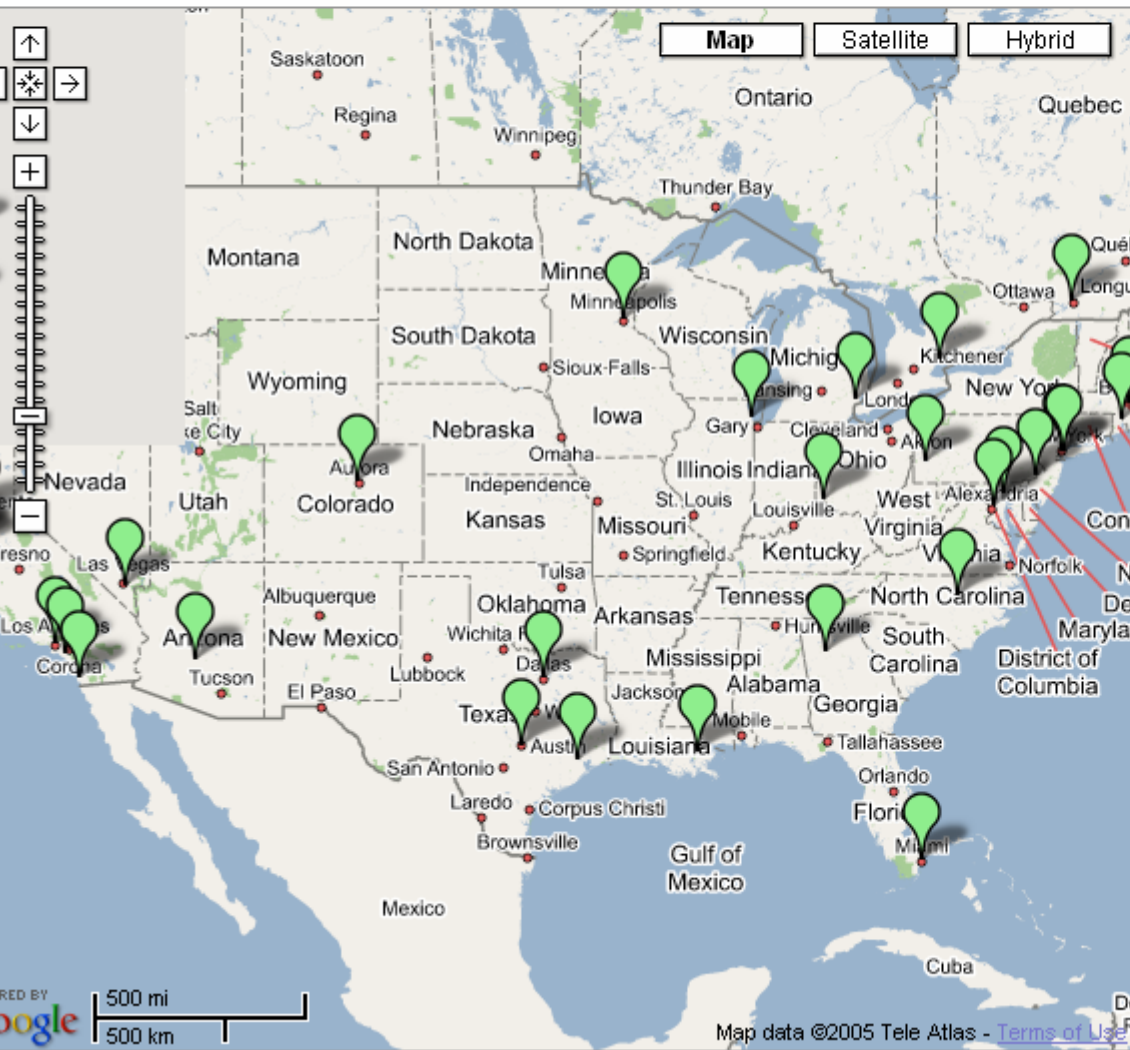
- Remix:
 - A **remix** is an alternate version of a [song](#) different from the original version.
- Mashup:
 - a musical genre of songs that consist entirely of parts of other songs.

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Drag the map with your mouse, or double-click to center.

Click on an  icon to select a city.

In each city, click on the  and  icons to see listings. You can also click the  and  icons next to each listing.

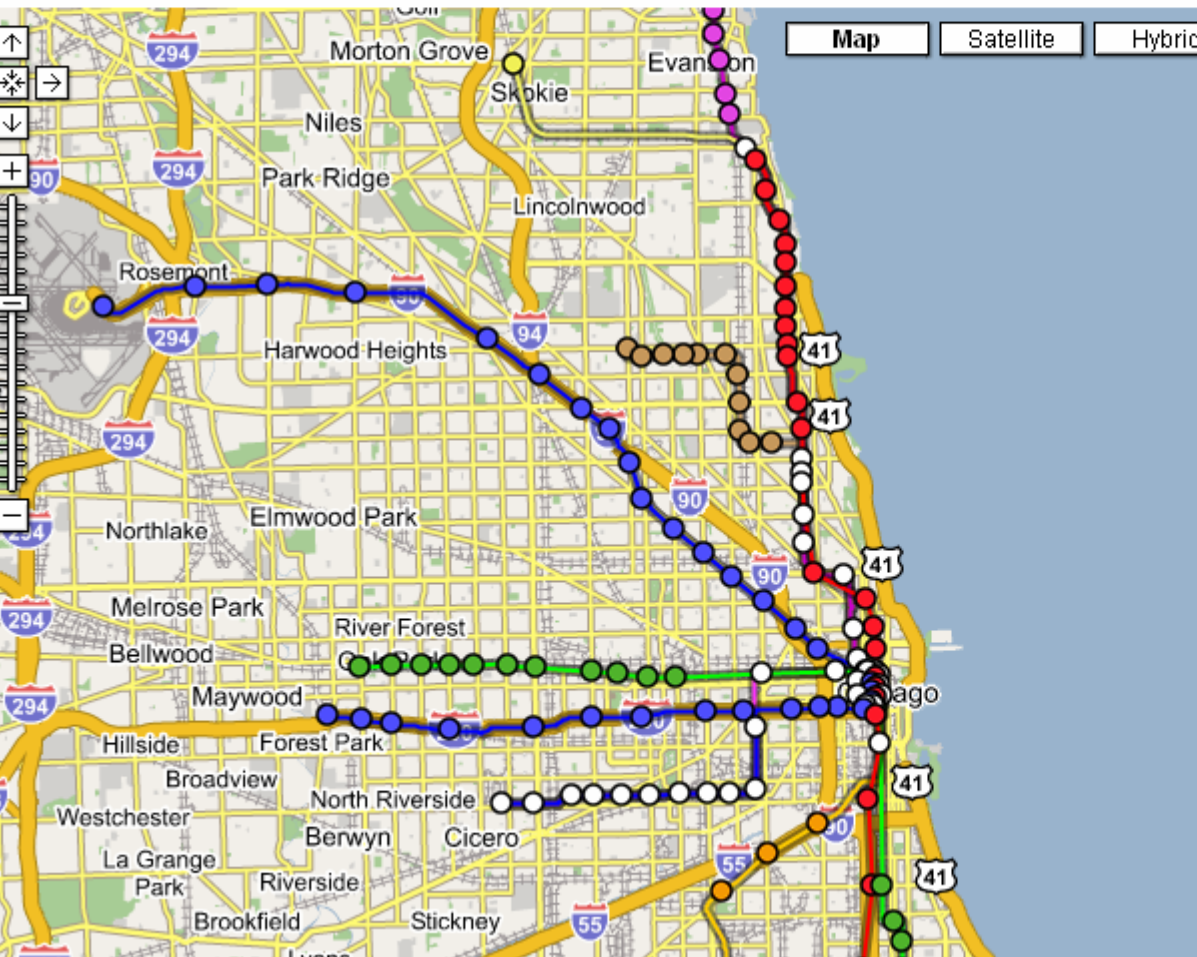
Yellow icons have pictures.

Set the price range using the drop-down menu above.

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- Foster
- Davis
- Dempster
- Main Street
- South Blvd.
- Howard [Transfer to: Purple, Red, Yellow]
- Jarvis
- Morse
- Loyola
- Granville
- Thorndale
- Bryn Mawr
- Berwyn
- Argyle
- Lawrence
- Wilson
- Sheridan
- Addison
- Kimball
- Kedzie
- Francisco
- Rockwell
- Western
- Damen
- Montrose
- Irving Park
- Addison
- Paulina
- Southport
- Belmont [Transfer to: Brown, Purple, Red]
- Wellington [Transfer to: Brown, Purple]
- Diversey [Transfer to: Brown, Purple]
- Fullerton [Transfer to: Brown, Purple, Red]
- Armitage [Transfer to: Brown, Purple]
- Sedgwick [Transfer to: Brown, Purple]
- O'Hare Airport Terminal
- Rosemont
- Cumberland
- Harlem
- Jefferson Park
- Montrose
- Irving Park



Research: in



Printable Version

Price Summary **How to Sell**

Summary - Research Result for **asus notebook** > **Brand:Asus** found in **52** listings (**June 12 - July 9**)

Avg Selling Price: \$1,272.90	Items Listed: 54	Success Rate: 18%
No Of Listings: 52	Items Sold: 10	

Trends



Closed Items

Completed Auction Title	Price	Bids
Asus W2V 17in Centrino Notebook 2.13ghz Bluetooth *NIB*	\$ 1,998.00	FP
ASUS Z62F DUAL CORE DUO CUSTOM CENTRINO LAPTOP NOTEBOOK	\$ 1,149.00	FP
ASUS M3000no Centrino 1.8GHz laptop w/ EXTRAS!!!!	\$ 948.00	1

Lamson Library (Plymouth University)

Lamson Library

catalog of books and more (under development)

Plymouth State
UNIVERSITY

[Library Home](#) [What is this?](#) [Report a bug](#)

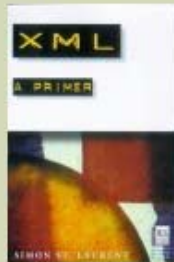
XML (Document Markup Language) Search

Searched for:

- ♦ keyword: XML (Document Markup Language)
- ♦ subjkey: XML (Document Markup Language) [x]

Search Results:

XML : A Primer



author: » St. Laurent, Simon

點選書名或圖片
可看到詳細資料

Refine search by
subjkey, subject,
author, format

[find more like this](#) | [more details](#) | [no comments](#) »

Refine Your Search

subjkey

- » XML (Document Markup Language) (5)
- » Electronic Commerce (1)
- » HTML (Document Markup Language) (1)
- » LaTeX (Computer File) (1)
- » Web Sites (1)
- » Design (1)
- » Document Markup Languages (1)
- » Libraries (1)
- » Automation (1)

subject

- » XML (Document Markup Language) (5)
- » Electronic Commerce (1)

XML : A Primer

author:

- St. Laurent, Simon

subject:

- XML (Document markup language)

available items:

location	call #	status
(upper level)	qa76.76.h94 s72 1998	available

reviews

- [Amazon.com Editorial Review](#)

Simon St. Laurent's foray into XML is best described by an adjective not often used with computer books: charming. From its portable size to its playful code examples, *XML: A Primer* is an interesting and well-crafted read. Stylistic considerations aside, it is also a useful introduction for anyone who does considerable work in HTML or XHTML.



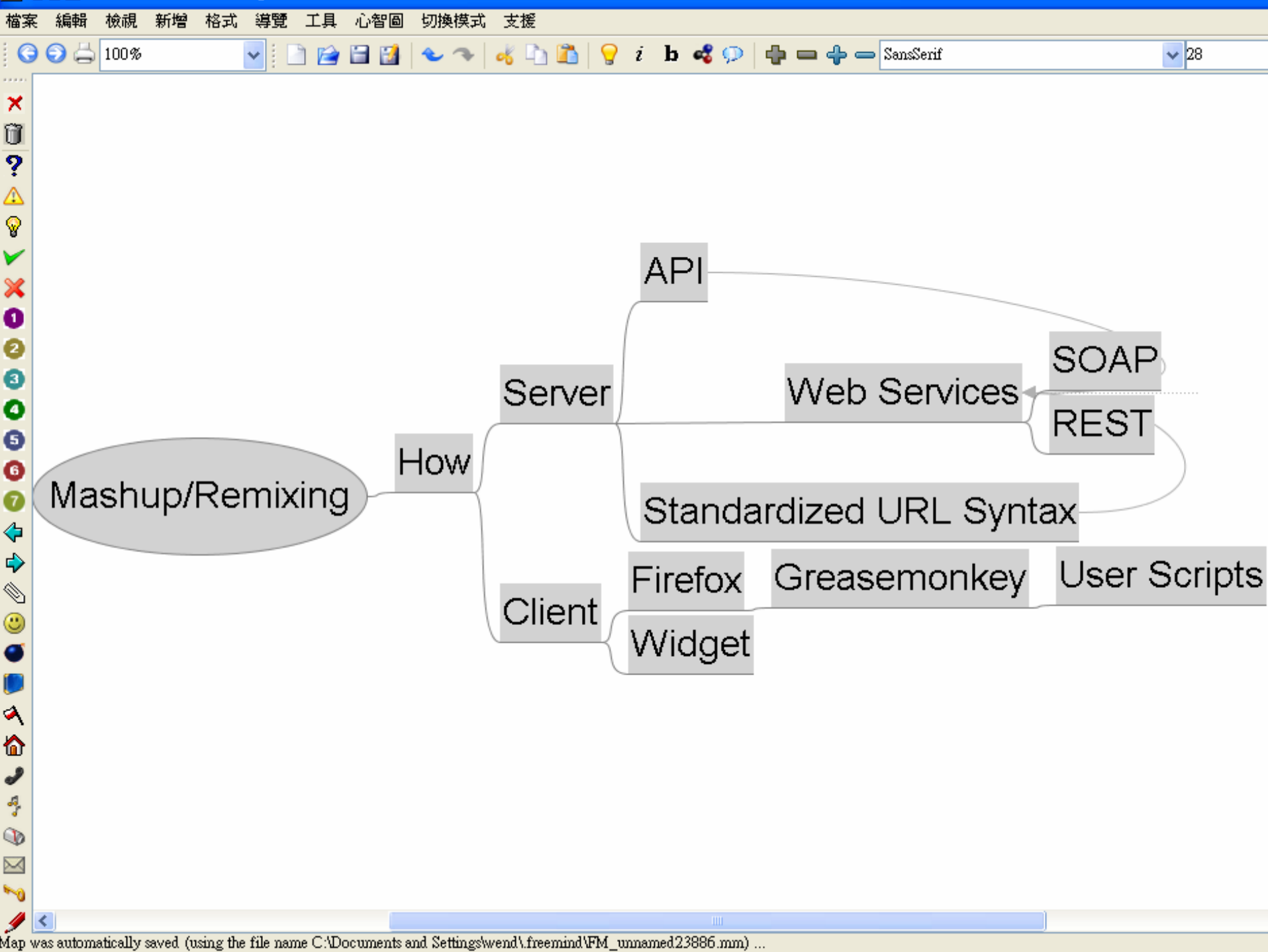
Tools

- › [find more like this](#)
- › [permalink](#)
- › [find in WorldCat Libraries](#)
- › [add to del.icio.us](#)
- › [comments](#)

Most Popular

- › [A Barn In New England : Making A Home On Three Acres \(798\)](#)
- › [Brigance Diagnostic Comprehensive Inventory Of Basic Skills \(462\)](#)
- › [Pomp And Circumstance, No. 1 - F. Soud Recording](#)

內容呈現包括：
author, subjects, subject keys,
contents, available items,
(from Amazon) reviews, Book
Description, Search inside



Mashup/Remixing

How

Server

API

Web Services

SOAP

REST

Standardized URL Syntax

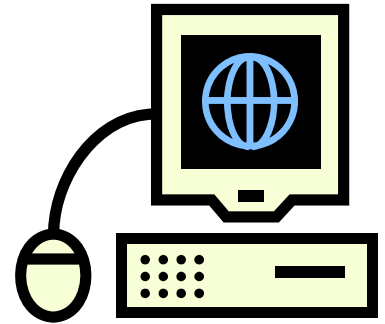
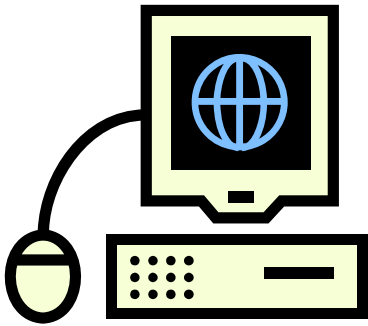
Client

Firefox

Greasemonkey

User Scripts

Widget



API

API

- An application interface (API) is the [interface](#) that a computer system, library or application provides in order to allow requests for service to be made of it by other computer programs, and/or to allow data to be exchanged between them.
- Example API:
 - [Wikipedia API](#)
 - **Ontok Wikipedia API** (Ontok) -- free and subscription-based access, SOAP and REST interfaces
 - [Ontok Wikipedia API specifications \(wiki\)](#)
 - [GetWikipediaArticle](#) - returns a raw Wikipedia article
 - [GetWikipediaPageInfo](#) - returns the page info for strings detected to be Wikipedia pages (number of inbound and outbound links and log probability)
 - [GetWikipediaPageLinks](#) - returns outbound links for strings detected to be Wikipedia pages
 - [GetWikipediaReversePageLinks](#) - returns inbound links for strings detected to be Wikipedia pages
 - [GetCategories](#) - detects strings and maps them onto several popular [category spaces](#) (Amazon.com, Shopping, "magazines" and DMOZ), returning the log likelihoods of the strings being generated by each category
 - [Test Drive](#)
 - **WikipedizeText** (scribbling.net) -- free access, HTML interface; PHP source available.
 - [Background](#)
 - [Test the service](#)
- Google's API List:
 - <http://code.google.com/apis.html>



Ontok Home > Ontok Wikipedia API: Test Drive

Application of XML and XML Schema in the field of Library and Information Science

Test Wikipedia API

Try these:

- supreme court hearings abortion roe vs wade
- google adwords secrets for the webmaster in you
- brad pitt and angelina jolie rumors
- cisco routers on sale now on ebay
- gay marriage and other issues for homosexuals of today
- how to choose a photographer for your wedding
- my review of the coolpix digital camera I got for christmas
- homo erectus and intelligent design separated at birth?
- basset hound for sale
- motral fund investments
- venture capital returns in web 2.0
- iraq war death toll: the civilian count
- alan greenspan comments on the real estate bubble crisis

To learn more, see the [Ontok Wikipedia API Specs](#).

For a free key, [click here](#).

To subscribe, [click here](#).

Get Wikipedia Page Info

- "application", -9.640258,0,0,0,0,28,4
- "xml", -11.224479,5,29,3,5,151,881,0
- "XML Schema", -18.086975,3,0,0,0,31,55,0
- "inthe", -6.221758,0,0,0,0,0,0
- "field", -9.840017,0,0,0,0,2,31
- "Library and information science", -16.908319,0,123,3,8,56,55,0

Wikipedize

Application of XML and XML Schema in the field of Library and Information Science

Get Wikipedia Image

Get Wikipedia Page Links

- "application",6,"application layer"
- "application",6,"application server"
- "application",6,"application software"
- "application",6,"College application"
- "xml",0,"Markup languages"
- "xml",0,"Technical communication"

```
<?xml version="1.0" encoding="UTF-8" ?>
SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:SOAP-
ENC="http://schemas.xmlsoap.org/soap/encoding/" xmlns:ns4="urn:GoogleSearch" SOAP-
ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
<SOAP-ENV:Body>
- <ns4:doGoogleSearch>
  <key xsi:type="xsd:string">vVsM7rhQFHKUw81ox5CJh6ASuKefD2Rz</key>
  <q xsi:type="xsd:string">library</q>
  <start xsi:type="xsd:int">0</start>
  <maxResults xsi:type="xsd:int">10</maxResults>
  <filter xsi:type="xsd:boolean">>false</filter>
  <restrict xsi:type="xsd:string" />
  <safeSearch xsi:type="xsd:boolean">>false</safeSearch>
  <lr xsi:type="xsd:string" />
  <ie xsi:type="xsd:string" />
  <oe xsi:type="xsd:string" />

```

```
<?xml version="1.0" encoding="UTF-8" ?>
SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsi="http://www.w3.org/1999/XMLSchema-instance" xmlns:xsd="http://www.w3.org/1999/XMLSchema">
<SOAP-ENV:Body>
- <ns1:doGoogleSearchResponse xmlns:ns1="urn:GoogleSearch" SOAP-
ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
- <return xsi:type="ns1:GoogleSearchResult">
- <directoryCategories xmlns:ns2="http://schemas.xmlsoap.org/soap/encoding/" xsi:type="ns2:Array"
ns2:arrayType="ns1:DirectoryCategory[1]">
- <item xsi:type="ns1:DirectoryCategory">
  <fullViewableName
xsi:type="xsd:string">Top/Reference/Libraries/Library_and_Information_Science</fullViewableName>
  <specialEncoding xsi:type="xsd:string" />
</item>
</directoryCategories>
<documentFiltering xsi:type="xsd:boolean">>false</documentFiltering>
<endIndex xsi:type="xsd:int">10</endIndex>

```



[Google Code Home](#)

[Google APIs](#)

[Google Calendar](#)

[Google Source](#)

[Google Summer of Code](#)

[Google Projects](#)

[Google Patches](#)

[Project Hosting](#) **New!**

[Google Code Search](#)

[Google Code FAQ](#)

Search this site:

Search

Generate revenue from your web apps with [Google AdSense](#).

Google Code

[Google Code Home](#) > [Google APIs](#)

Google APIs

[Google Account Authentication](#)

The [ClientLogin API](#) lets you incorporate programmatic login into desktop or mobile applications, while the [AuthSub API](#) gives web applications the ability to access a user's Google account without handling the user's login information.

[AdSense API](#)

The AdSense API enables you to integrate AdSense signup, ad unit management, and reporting into your web or blog hosting platform. You and your users can generate revenue from your users' web content on your website by showing relevant ads, providing web search and referring products. Sample client implementations are available in [Java](#), [Perl](#), [Python](#), [PHP](#) and [.NET](#).

[AdWords API](#)

Google's free AdWords API service lets developers engineer computer programs that interact directly with the AdWords server. With the applications created, advertisers and third parties can more efficiently - and creatively - manage their large AdWords accounts and campaigns. Additionally, we are pleased to offer a [PHP](#) and [Java](#) Client API implementation.

[Google AJAX Search API](#)

The AJAX Search API is an experimental API that lets you integrate a dynamic Google search module into your web pages so your users can mash up Google search results with other content on your site or add search results clippings to their own content.

[Google Base Data API](#)

The Google Base data API allows client applications to view and update stored data in the form of Google data API ("GData") feeds. Your client application can use the Google Base data API to create new data, edit or delete existing data, and query for data items that match particular criteria.

[Blogger Data API](#)

The Blogger data API allows client applications to view and update Blogger content in the form of Google data API ("GData") feeds. Your client application can use GData to create new blog posts, edit or delete existing posts, and query for posts that match particular criteria.

[Google Calendar Data API](#)

Amazon E-Commerce Service

- Welcome
- Getting Started
- Architecture and Planning Guide
- Programming Guide
- API Reference

Welcome

Welcome to the Amazon E-Commerce Service (ECS) Software Development Kit (SDK). This SDK provides all the information you need to create Web sites or applications that integrate ECS as well as diagnose and resolve any problems that you may be having.

The SDK is divided into the following sections:

- o [Getting Started](#)

The Getting Started section gives you the information you need to begin using ECS immediately, including how to sign up, an overview of ECS and tour of features.

- o [Architecture and Planning Guide](#)

The Architecture and Planning Guide contains information about the architecture of and potential uses for ECS, including what data is provided through ECS, sample sites and development considerations.

- o [Programming Guide](#)

The Programming Guide contains a detailed description of how to submit requests to ECS and the the data that is returned by the service, as well as handling errors, using XSLT and troubleshooting guidelines.

- o [API Reference](#)

The API Reference is a detailed reference to the syntax of ECS requests, including operations, response groups, searching and sorting. The API Reference also contains a detailed error list and WSDL/Schema locations and versioning information.

- o The Release Notes contain the latest information about new features, changes, and known issues in the current version of ECS.

Web Services

SOAP

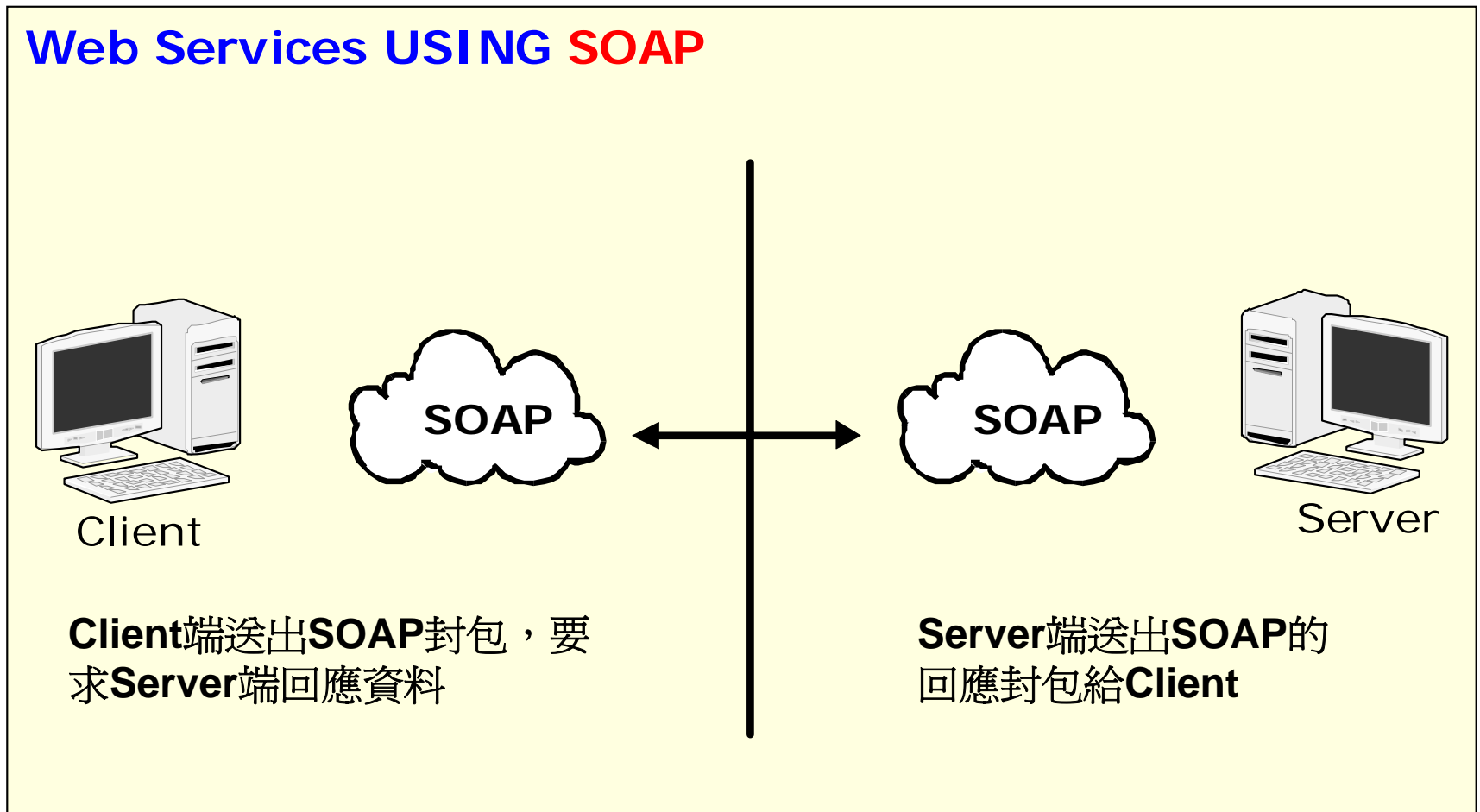
REST

SOAP

- **SOAP** is a protocol for exchanging XML-based messages over a computer network, normally using HTTP.
- SOAP forms the foundation layer of the web services stack, providing a basic messaging framework that more abstract layers can build on. SOAP can be used to facilitate a Service-Oriented architectural pattern.
- Structure of a SOAP message
 - A SOAP message is contained in an **envelope**. Within this envelope are two additional sections: the **header** and the **body** of the message. SOAP messages use XML namespaces.
 - The header contains relevant information about the message. For example, a header can contain the date the message is sent, or authentication information. It is not required, but, if present, must always be included at the top of the envelope.
- Example of SOAP message

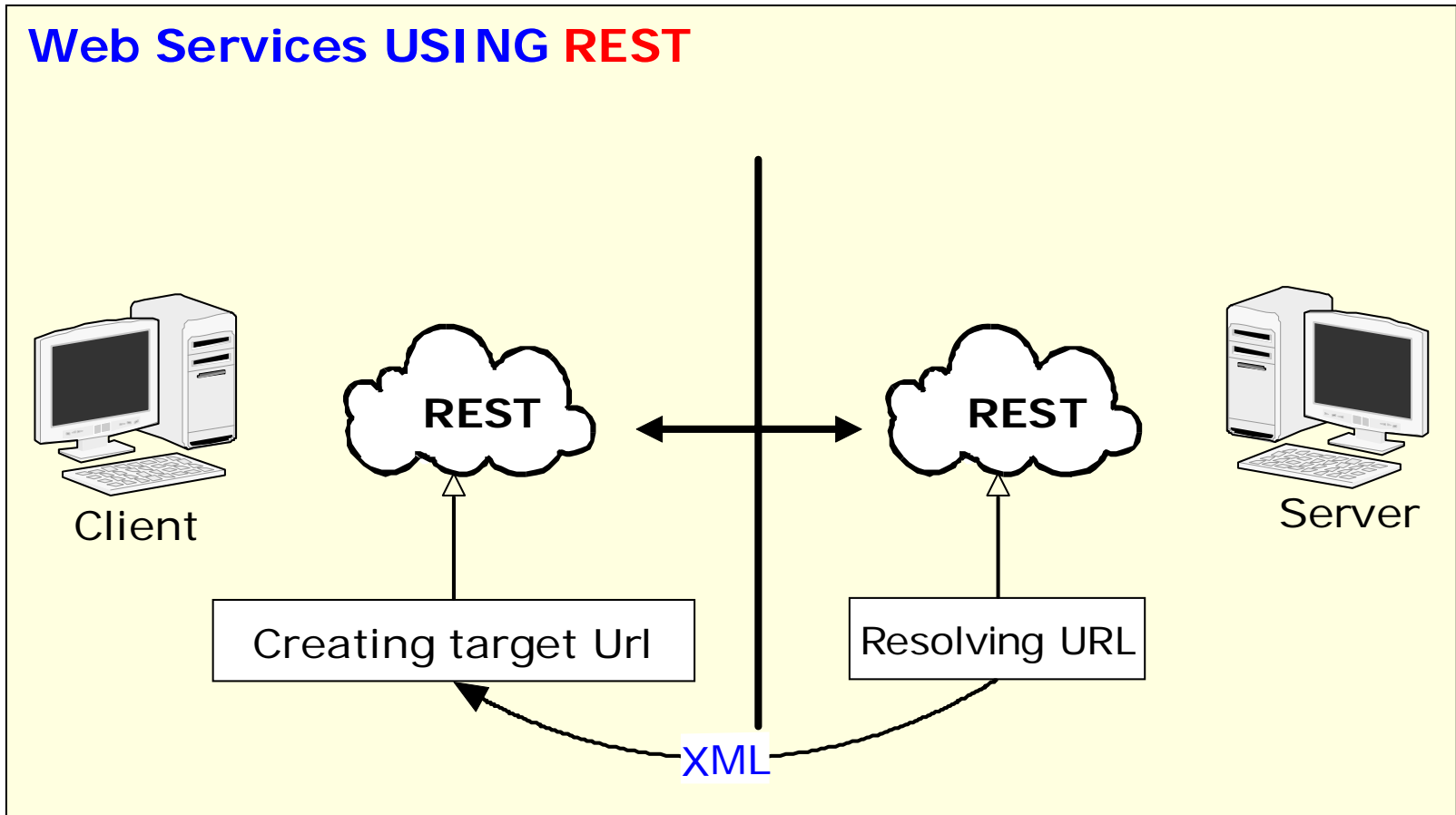
Web Services Using SOAP

- Example : [Inbond\(Response\)SOAP.xml](#) ; [Outbond\(Request\)SOAP.xml](#)



Web Services Using REST

- REST (Representational State Transfer)以URL作為溝通的標準
- Client傳送一組URL要求Server回應相關訊息
- Server端接收URL後進行相關的處理，並回傳結果XML給Client
- Example: [AmazonSearchQuery](#) ; [AmazonSearchResult](#)



Google Books with Webpac

XML for the World Wide Web: Visual QuickStart Guide
Due back at Wayne State University Library on 01-13-07

Elizabeth Castro

XML Tools

Validating XML with a Schema

The World Wide Web Consortium offers an online XML Schema Validator (XSV) for comparing an XML file with the corresponding schema.

To validate XML with a schema:

1. Upload your XML and schema files to your server.
2. Point your browser to <http://www.w3.org/2000/09/webdata/xsv> (Figure B.3).
3. Type the URL for the XML file first in the Addresses box.
4. If you do not give the location of the schema file in the XML file (as described in *Indicating a Simple Schema's Location* on page 73 or *Indicating Where a Schema Is* on page 130), type a space and then the URL for the corresponding schema right after the XML file's URL.
5. Choose an output format. (I've had the best luck with text/html.)
6. Click Get Results at the bottom of the page. XSV gives you a report of any problems it may find (Figure B.4).

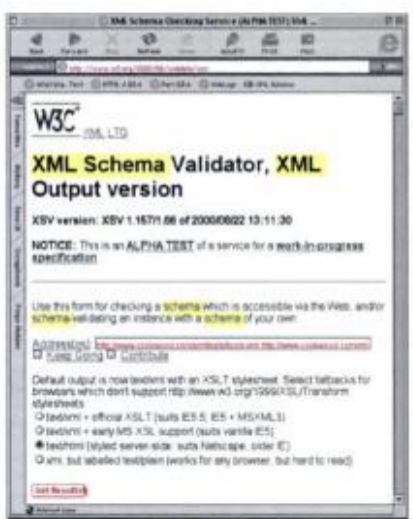


Figure B.3 With the XML Schema Validator (XSV), you type in the URLs of the XML file and Schema file respectively, unless the XML file already references the schema file (and it's available publicly), in which case, just the XML file will suffice. (The files being tested here are tools.xml and tools.xsd, and are at http://www.cookwood.com/xmltests. Feel free to check them out.



Summary



XML (Extensible Markup Language) is revolutionizing the way people work with the Web. In XML, markup tags are readable by humans and machines, making XML a well-supported way to create, distribute, and present information...

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Contents

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- [Writing XML](#)
- [Creating a DID](#)
- [Defining Elemen...](#)
- [Entities and No...](#)
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User Scripts

- Greasemonkey:
 - <http://greasemonkey.mozdev.org/>
 - Firefox extension
 - [Useful Scripts](#)
 - example in D-Lib's [Coming Together around Library 2.0 -A Focus for Discussion and a Call to Arms](#)

