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Universitat Oberta de Catalunya

Web 2.0 and diffusion of research

Barcelona, 10/03/2006

Conclusions (1/2)

1. Markets are **conversations**.

95. We are waking up and linking to each other.
We are watching. But we are **not waiting**.

Levine, Locke, Searls & Weinberger (1999)
The Cluetrain Manifesto

Conclusions (2/2)

Establishing **open access** as a worthwhile procedure ideally requires the **active commitment** of each and every individual producer of scientific knowledge and holder of cultural heritage. Open access **contributions** include **original** scientific research results, **raw** data and metadata, **source** materials, digital representations of pictorial and graphical materials and scholarly multimedia material.

Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities

Reasearch in the ~~Internet~~ search engines

- **Google Positioning:**

Research subject: ICT4D

Google: ICT4D

Google Web Images Groups News Froogle Local more »

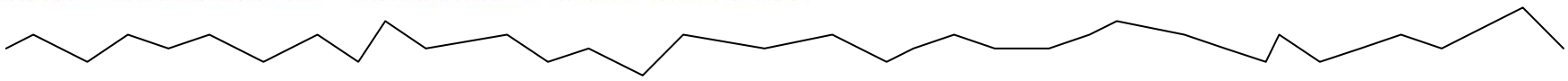
ict4d Search Advanced Search Preferences

Web Results **1** - **10** of about **274,000** for **ict4d**

Welcome to **ICT4D's** home page
A portal providing **ICT4D** links and resources.
www.**ict4d**.org.uk/ - 1k - Cached - Similar pages

ICT for Development Platform - Geneva 03
ICT4D - CONNECTING PEOPLE FOR A BETTER WORLD **...** those development organisations which are still sceptical about **ICT4D** because of its perceived technical **...**
www.ict-4d.org/ - 13k - Cached - Similar pages

ICT4D - Connecting People for a Better World
ICT4D - Connecting People for a better world. The **ICT4D** Platform was held in conjunction with the World Summit on the Information Society (WSIS), **...**
www.globalknowledge.org/**ict4d**/ - 19k - 28 Feb 2006 - Cached - Similar pages



ICTlogy
Information and Communication Technologies for development (**ICT4D**) **...** In the field of **ICT4D** there's of special interest the online course entitled **...**
www.ictlogy.net/ - 57k - 28 Feb 2006 - Cached - Similar pages

10 blog

Google: ICT4D Blog

1 blog

Google Blog Search: ICT4D

Google Blog Search BETA ict4d Search Blogs Advanced Blog Search Preferences

Blog Search Results 1-10 of about 718 for **'ict4d'**

Sorted by relevance

Related Blogs: ICT4D at Tech - Macedonia - http://ict4dmacedonia.blogspot.com/
ICT4D in health - A Peruvian Experience - http://ict4healthinruralperu.blogspot.com/
ICT4D in Agriculture - http://riteshsahu.blogspot.com/

University ICT4D
26 Feb 2006
Chris Coward and the Center for Internet Studies at the University of Washington run this site to promote **ICT4D** in the framework of the University and/or higher education, to think about the role of this institution in the field of **...**
ictlogy - http://www.ictlogy.net

1 blog

ICT4D Bibliography
26 Feb 2006
ICT4D Bibliography is my collection of books, articles, reviews, journals, institutions, authors, etc. in the field of Information and Communication Technologies for Development and ...
ictlogy - http://www.ictlogy.net

2 blog

ICTlogy: ICT4D personal portal
26 Feb 2006
When this blog started, my intentions (as stated in About ICTlogy v1.0) were rather simple and were no more than sharing knowledge and experience in a very concrete area of **ICT4D** under a focus of content and services, mainly e-learning, **...**
ictlogy - http://www.ictlogy.net

3 blog

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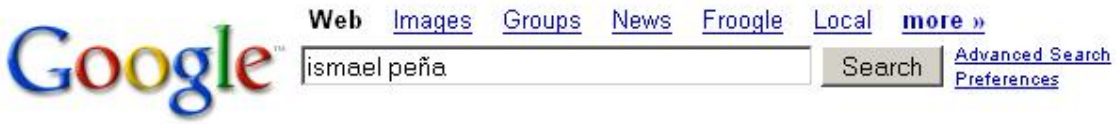


Web Results **1** - **10** of about **446,000** for **ismael peña**.

ICTlogy
Ismael Nafría · LaFarga.org · Mathemagenic · The Mixer · Muniwireless · Online Business Networks · Otro Blog Más · Otro Blog Más Comments **...**
www.ictlogy.net/ - 57k - 28 Feb 2006 - Cached - Similar pages

1 blog

[PDF] Voluntariado virtual para e-learning solidario: Proyectos **...**
File Format: PDF/Adobe Acrobat
por **Ismael Peña**. v1.1. 11/06/2004. ipena@uoc.edu. www.campusforpeace.org **... Ismael Peña**. Campus for Peace. por supuesto, otra cosa que puede hacer con este **...**
www.ictlogy.net/ictlogy/articles/20040611_ www.ictlogy.net_online_volunteering_e-learning_esp.pdf - Similar pages

1b blog (article)

ICT for Development User Profile - Members
Ismael Peña. A member of the Development Gateway community since November 17, 2003. If you were to log in, you'd be able to get more information on your **...**
topics.developmentgateway.org/ict/rc/UserProfile.do~userId=785342 - 25k - Cached - Similar pages

2 reference to blog

Ict | Development Gateway
It is provided by **Ismael Peña**, founder and former Director of Cooperation for **...** This is a new Wiki, provided by **Ismael Peña** (Director Cooperation for **...**
topics.developmentgateway.org/ict/rc/BrowseContent.do~selectedRegions=87142 - 91k - Cached - Similar pages

2b reference to wiki

omidyar.net: **Ismael Peña**
Personal tools. You are not signed in. You are here: People > **Ismael Peña** (4) **... Ismael Peña** (4). Feedback positive/negative/bank: +4/-0/8 (give feedback) **...**
www.omidyar.net/user/u342340515/ - 11k - Cached - Similar pages

3 profile in virtual community

Ismael Peña - La coordinación y el trabajo en red ... - [Translate this page]
La coordinación y el trabajo en red. Gestión de las ONG, proyectos y formación webcéntricos:

4 article at www.uoc.edu

Google: ICT4D wiki

1 wiki

UOC Universitat Oberta de Catalunya

Google Web Images Groups News Froogle Local more »

ict4d bibliography Search Advanced Search Preferences

Web Results **1** - **10** of about **824** for **ict4d bibliography**.

ICT4D Bibliography » Bibciter
Information and Communication Technologies for development **bibliography**.
ictlogy.net/bibciter/ - 8k - Cached - Similar pages

1 bibliography

ICT4D Bibliography | E-learning | Development Gateway
This is a bilbliography of 'books, articles, reviews, journals, institutions, authors, etc. in the field of Information and Communication Technologies for ...
topics.developmentgateway.org/elearning/rc/ItemDetail.do~1055182 - 53k - Cached - Similar pages

2 reference to the bibliography

ICTlogy » **ICT4D Bibliography**
Information and Communication Technologies for development. Focus on contents and services: e-learning, online volunteering and knowledge management.
www.ictlogy.net/?p=325 - 44k - Cached - Similar pages
[More results from www.ictlogy.net]

3 blog

GI Bibliography
Gender and **ICT4D** - **Bibliography** 5 December 2005. This **bibliography** comprises selected titles of recent printed publications and full text, ...
www.kit.nl/specials/html/gi_**bibliography**.asp - 37k - 1 Mar 2006 - Cached - Similar pages

(4 Google error ;)

e-**bibliography**
This e-**bibliography** comprises references to the international literature on ... the Information and Communication Technology for Development (**ICT4D**) sector. ...
www.kit.nl/specials/html/it_e-**bibliography**.asp - 28k - Cached - Similar pages
[More results from www.kit.nl]

ICTlogy | NPTech Community
ICT4D Bibliography. When I prepared my master's dissertation, ... **ICT4D Bibliography** is my collection of books, articles, reviews, journals, institutions, ...
nptech.krazy.com/aggregator/sources/17 - 21k - Cached - Similar pages

5 reference to blog

Google: ICT4D articles

Google: ICT4D courses

Google Web Images Groups News Froogle Local more »

ict4d courses Search Advanced Search Preferences

Web Results **1** - **10** of about **47,000** for **ict4d courses**.

ICT4D Courses :: Index
ICT4D Courses Course Index, The time now is Wed Mar 01, 2006 4:23 am ... **ICT4D Courses** is a learning objects repository focused on development and ...
courses.ictlogy.net/ - 43k - 28 Feb 2006 - Cached - Similar pages

H2O Playlist: **ICT4D Courses**
ICT4D Courses. Creator: colin maclay (Updated 23 Aug 2005). Description:. Compendium of various **courses** that cover issues related to Information and ...
h2obeta.law.harvard.edu/57549 - 50k - Cached - Similar pages

ICT4D Courses
File Format: Unrecognized - View as HTML
http://h2obeta.law.harvard.edu/57549 Compendium of various **courses** that cover issues related to Information and Communication Technology (ICT) and ...
h2obeta.law.harvard.edu/rss/57549 - Similar pages
[More results from h2obeta.law.harvard.edu]

Welcome to the **ICT4D** Collective's Almuni page
Students undertaking the **ICT4D course** at Royal Holloway go on to a range of ... Tim Unwin's **ICT4D course** was new and innovative, combining alternative ways ...
www.gg.rhul.ac.uk/**ict4d**/alumni.html - 11k - Cached - Similar pages

Eyes for development team
I hope that through taking the **ICT4D course** this year will help to some ... I began the **ICT4D course** in September of this year in order to learn about ...
www.gg.rhul.ac.uk/**ict4d**/eyes/Who%20we%20are.htm - 16k - Cached - Similar pages
[More results from www.gg.rhul.ac.uk]

ICT4D Courses :: View topic - Development and the Internet
ICT4D Courses Course Index » Information and Communication Technologies for Development, The time now is Tue Feb 28, 2006 7:31 am ...

1 courses repository

3 ICT4D course at the U. of London… that links the blog

4 courses repository

e-Diffusion of the research = data + metadata

```
<title>ICTlogy</title>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<meta name="origen" content="www.ictlogy.net"/>
<meta name="description" content="Information and Communication Technologies for development. Focus on contents an
<meta name="author" content="Ismael Pe&ntilde;a"/>
<meta name="organization" content="ICTlogy.net"/>
<meta name="locality" content="EN, Spain"/>
<meta name="lang" content="en, net"/>
<meta name="keywords" content="ictlogy, ictlogist, ismael, pe&ntilde;a, ict, ict4d, development, digital, divide,
<meta name="robots" content="all" />
<meta name="DC.title" content="ICTlogy"/>
<meta name="generator" content="WordPress 2.0.1" />
```

```
<h1><a href="http://www.ictlogy.net">ICTlogy</a></h1></td>
<h2 style="text-align:left"><a href="http://www.ictlogy.net">ICT4D Blog</a></h2>
<h2>Information and Communication<br>Technologies for development (ICT4D)</h2></
```

```
<h3 class="storytitle">
<a href="http://www.ictlogy.net/?p=336" rel="bookmark" title="Permanent Link: Book: Access, Empowerment &#038; Governance:
<span class="meta"><a href="http://www.ictlogy.net/ictlogy/wp-admin/post.php?action=edit&amp;post=336">Edit This</a></span>
```

→ towards the semantic web

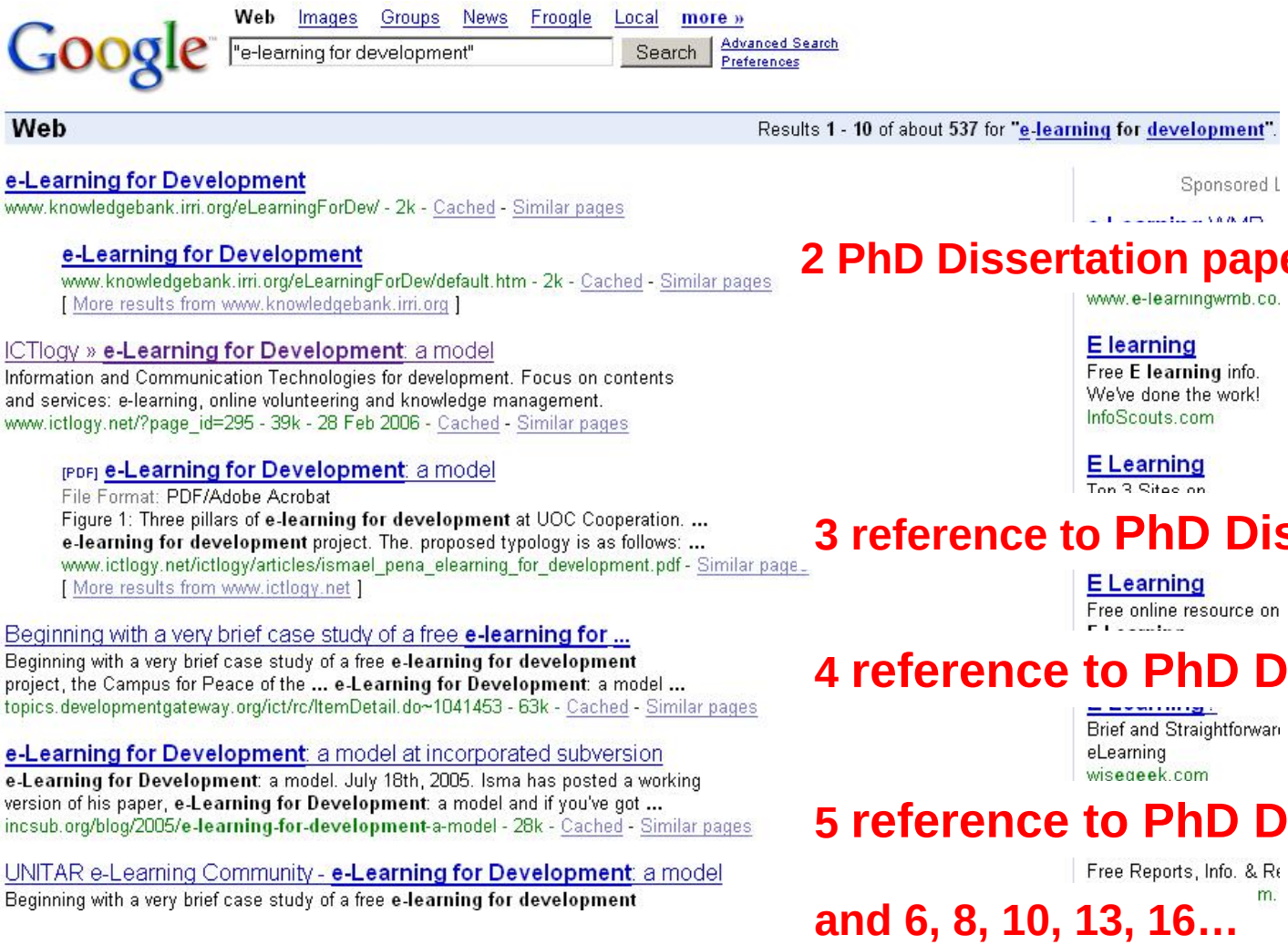
After positioning, effects

- **Selfedition/selfpublication of papers**

Updating/expression of interests and academic directions

Structural changes
Work in progress

Google: “e-learning for development”



2 PhD Dissertation paper

3 reference to PhD Dissertation paper

4 reference to PhD Dissertation paper

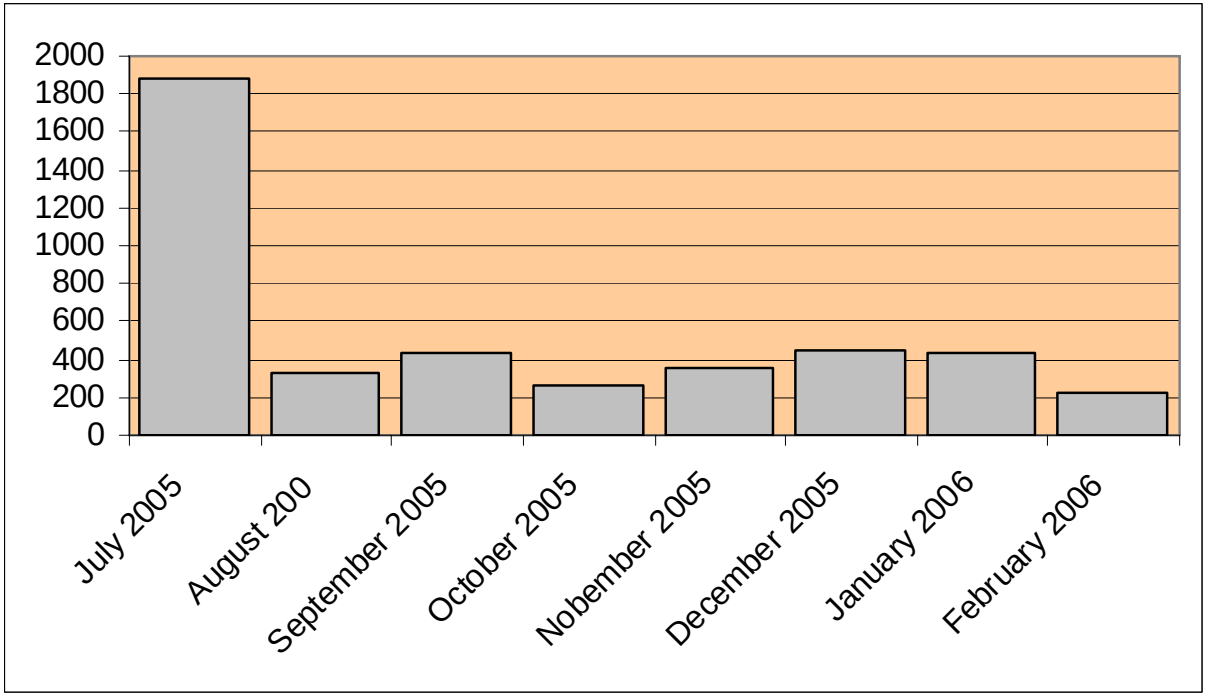
5 reference to PhD Dissertation paper

and 6, 8, 10, 13, 16…

PhD Disertation paper downloads

Publishing date: July 4th, 2005

- downloads first month: 1,884
- monthly average download rest of months: 357
- **total downloads: 4,386,** from July 4th 2005 to 28th Feb 2006 (8 months)



Google: Public Policies for Development

Google Web Images Groups News Froogle Local more »

"public policies for development" Search Advanced Search Preferences

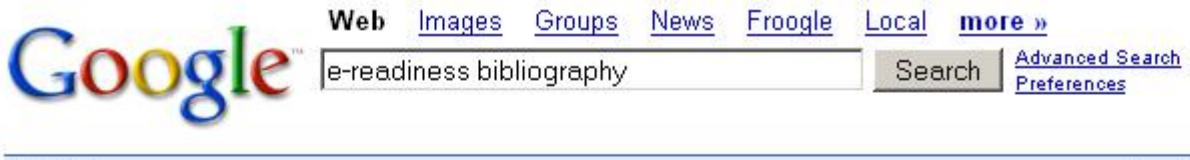
Web Results **1** - **10** of about **129** for "**public policies** for **development**"

ICTlogy » **Public policies for development** and digital divide
Information and Communication Technologies for development. Focus on contents and services: e-learning, online volunteering and knowledge management.
www.ictlogy.net/?p=323 - 43k - Cached - Similar pages

1 blog

Comments on: **Public policies for development** and digital divide
File Format: Unrecognized - View as HTML
http://www.ictlogy.net/?p=323 Information and Communication Technologies for development (ICT4D): e-learning, e-volunteering, knowledge management Tue, ...
www.ictlogy.net/?feed=rss2&p=323 - Similar pages
[More results from www.ictlogy.net]

Google: e-Readiness



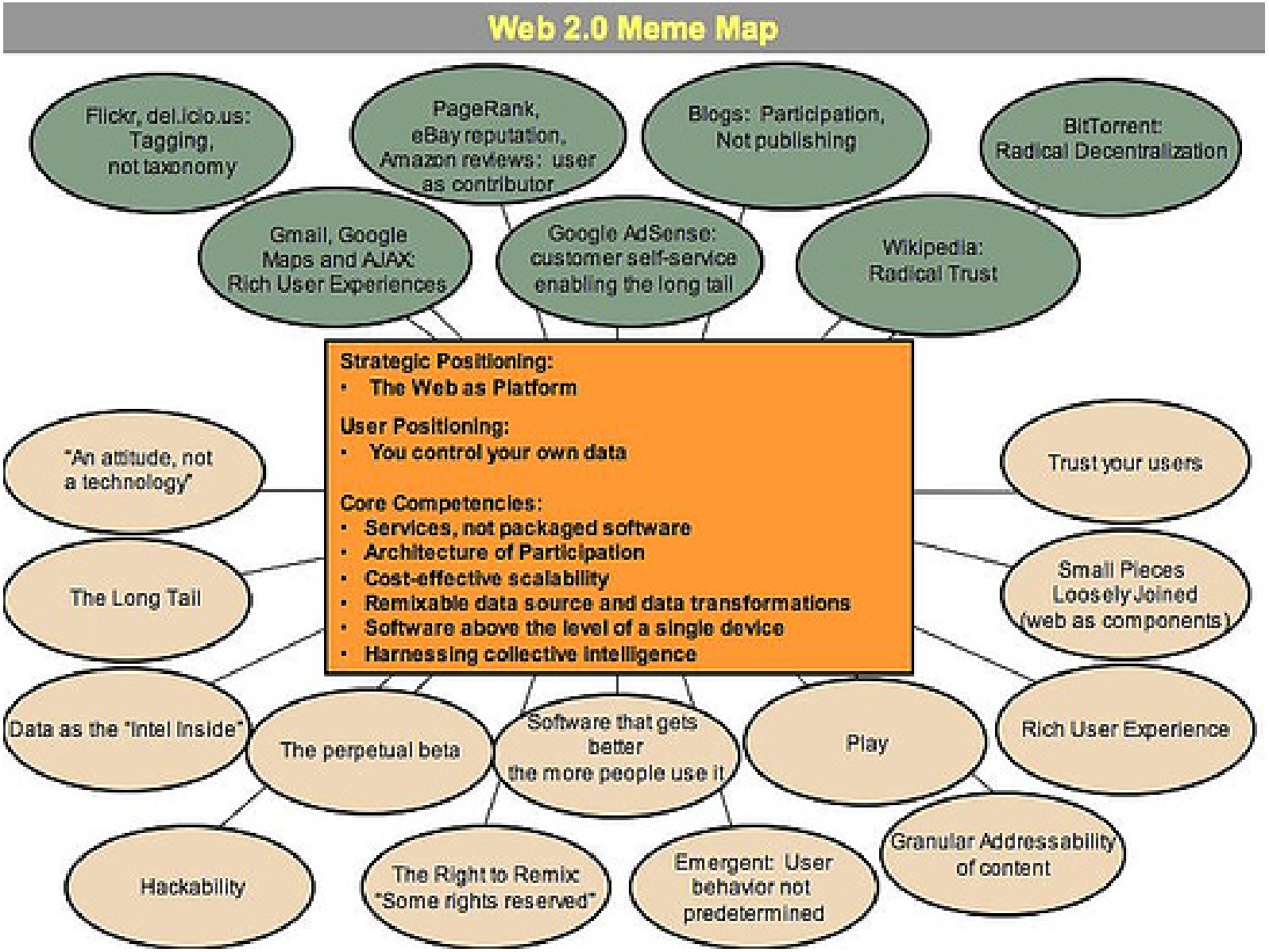
1 blog

Web 2.0

What is it

Buzzwords

Què és el Web 2.0?



Tim O'Reilly (2005)

Web 2.0 definitions

What is it

- The web as platform. Standards. Semantic Web.
- The read/write web. Architecture of participation and network effect
- Data hegemony (HTML → XHTML, dynamic pages)
- Content + Functionalities/Services gathered together into the Web
- Freedom to create and share
- Market as conversation. Webcasting and online advertising.

What does this imply

- The creator is the editor: immediacy vs. lack of filtering
- Visibility based on popular meritocracy, based on content and technology
- Conversations, implicit virtual communities. Emerging behaviour.

Concepts around Web 2.0

Ideas

- FLOSS / GNU GPL
- Open Access / Creative Commons
- FLOSSE
- OER

- VLE
- personal learning environment
- e-portfolio
- Long Tail

Tecnologies

- API
- LAMP
- mashup
- feed (xml/atom/rss)

- folksonomies / tagsonomies
- social software
- FOAF

- CMS
- blog
- podcast, videocast, screencast
- wiki

(emblematic) Tools

- Wiki: Wikipedia
- Blog: WordPress
- Feed readers: Bloglines
- Agregator: Digg
- Social bookmarking: del.icio.us, furl, connotea, citeulike
- Storage: flickr, youtube
- Google maps: frappr (edubloggers), hurricane inf. maps
- Agenda and social networks: 43 things, orkut, friendster
- Comunication: Skype
- e-Commerce: Amazon
- …

Using Web 2.0 in the diffusion of the research (1/2)

- Constant updating
- Specialization
- Training
- Improving writing, analysis, abstraction, synthesis.
- Read → think → write

- Digital resources gathering
- Current news
- Information
- Materials
- Forefront research

Using Web 2.0 in the diffusion of the research (2/2)

- personal/public information **repository,** with **past and present** (work in progress) interlinked documentation
- belonging to a (wide) **informal community** of people interested in same knowledge field, where to ask for help, find collaborators, share experiences or just have an outlet for yourself
- enter the **virtuous cycle of reading and being read**
- firs-hand information, **from the source** and in real time.
- let others know that you know and what you know
- avoid waits and filters... and “google friendly”
- and with the desired **license**

ICTlogy: ICT personal portal

The portal

- ICT4D Blog
- ICT4D Wiki
- ICT4D Bibliography
- ICT4D Courses (learning objects repository)

Collaborations and alien plataforms

- Otro Blog Más, comments in other blogs
- Wikipedia, Development Gateway, Digital Divide Network, NPTech, Omidyar Network, Web Junction…
- Bloglines, Feedster, Technorati, PubSub
- Citeulike, Connotea, Furl, del.icio.us

UOC Universitat Oberta de Catalunya

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<http://www.ictlogy.net/presentations/20060310_ismael_pena_web2.0_and_diffusion_research.pdf>
[downloaded dd/mm/aaaa]

To contact the author:
http://www.ictlogy.net/aboutcontact.php

This presentation is in debt with professor César Córcoles (Faculty of Computer Science and Multimedia, Universitat Oberta de Catalunya / obm.corcoles.net) and, specially, his work:

Córcoles Briongos, César (2006) *Web 2.0. La web como plataforma.* Barcelona: UOC

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