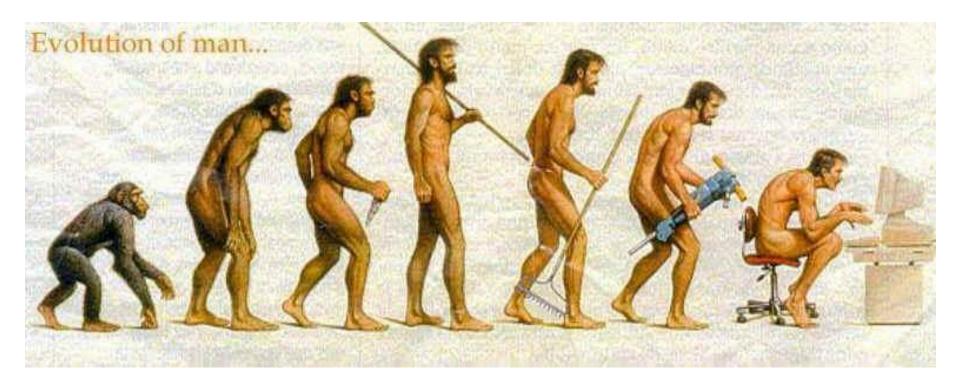
Evolução da Internet & Web

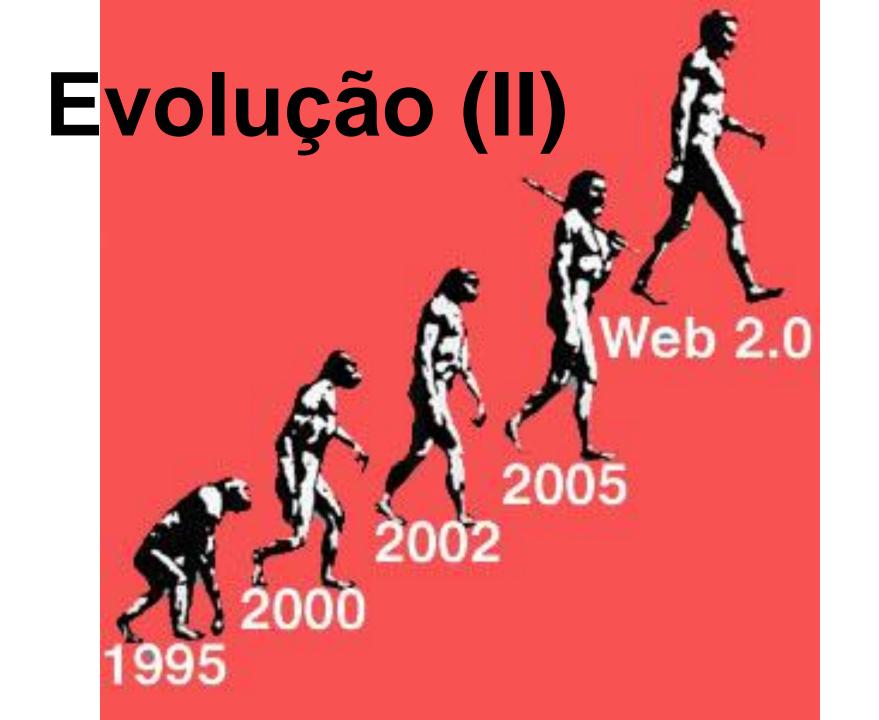
Luis Borges Gouveia

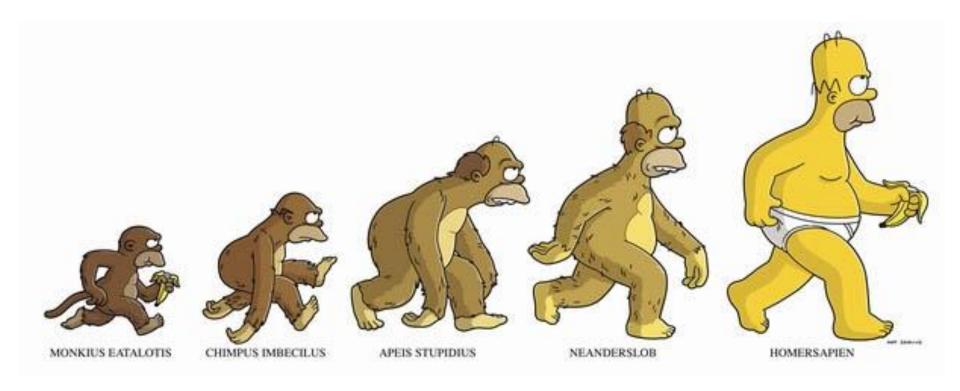
Universidade Fernando Pessoa

Maio de 2009

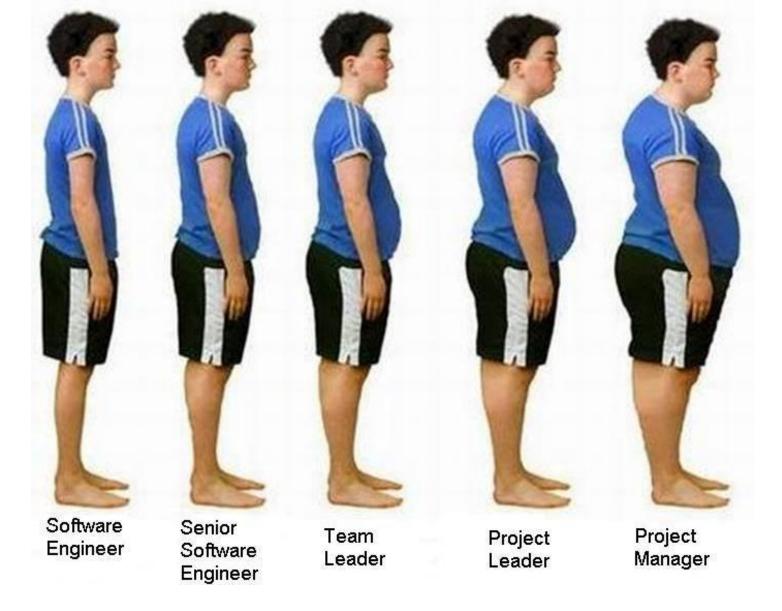


Evolução (I)





Evolução (IV)

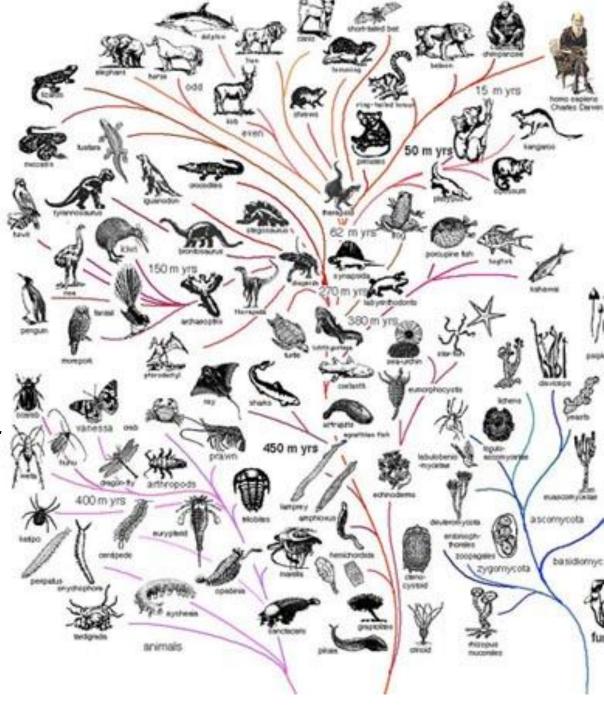


Evolução (V)



Evolução (VI)

A evolução não é a sobrevivência do mais forte, ou o falhanço do mais fraco. A evolução não é justa; não é previsível; nem tão pouco um ente. Também não é cruel, ou caótica, ou injusta. É apenas o que acontece quando as pressões de ambiente se modificam.



Multi-user Domains (MUDs)

Email

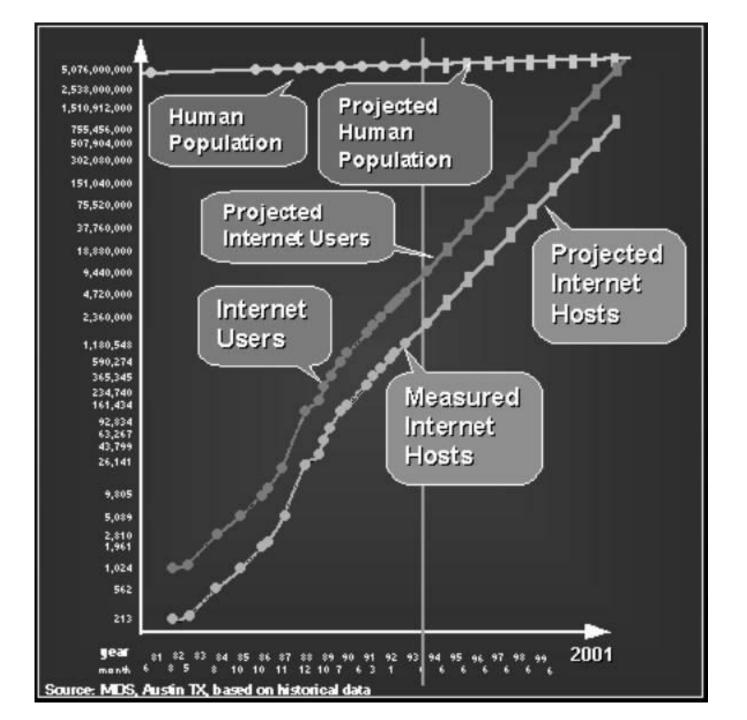
Kermit

Internet (alpha)

Telnet

Internet Relay Chat (IRC)

Newsgroups



Email

Dreamweaver

Microsoft FrontPage

HTML

Opensource Web tools

Altavista

Netscape

Web 1.0

ICQ

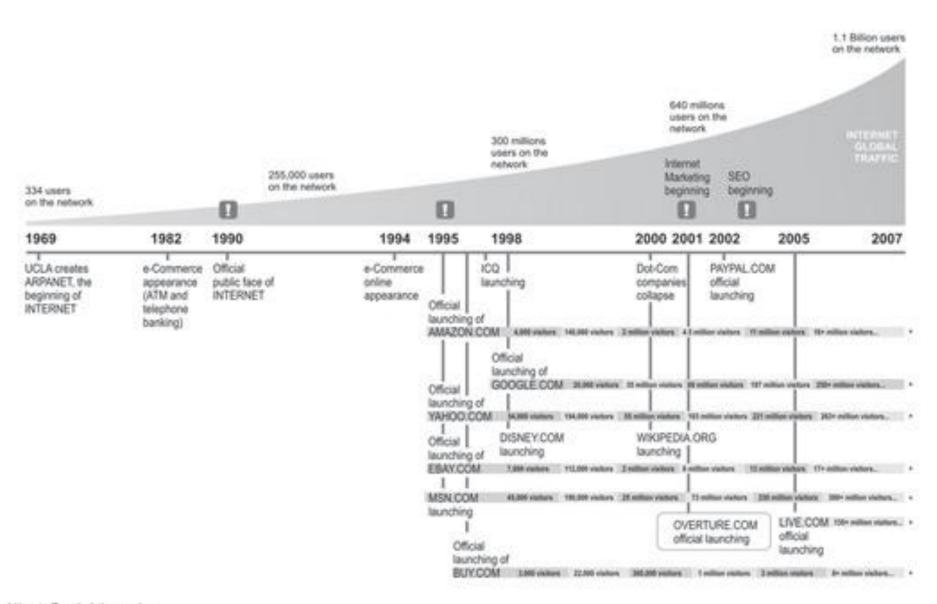
Internet Explorer

Browser Wars

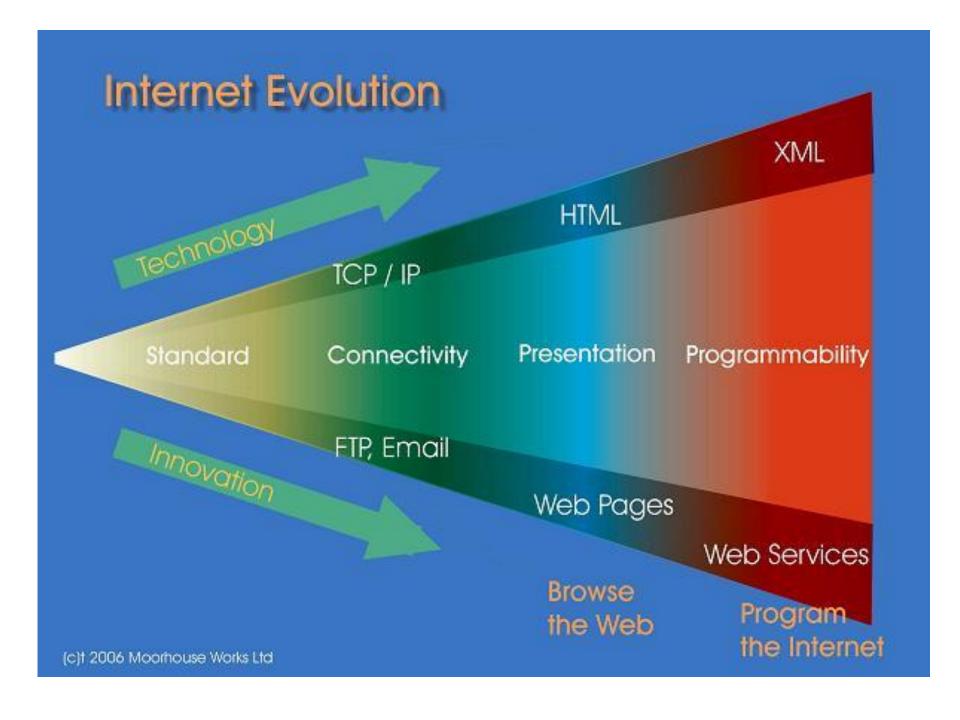
Mosaic

Adobe PDF

Lynx

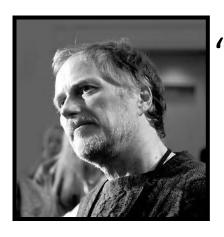


^{*} User traffic calculation per day



Wikis Blogs API AJAX SOAP **Tagging Folksonomies Podcasting** Web 2.0 **XHTML** What is it? **XML** Microformats **REST Atom RSS** Vodcasting Search Engine Optimisation (SEO)

Tim O'Reilley on Web 2.0



"...the business revolution in the computer industry caused by the move to the internet as platform..."

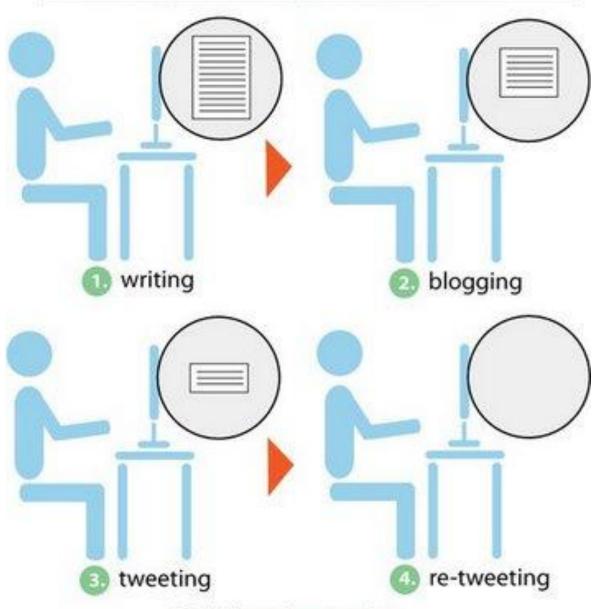


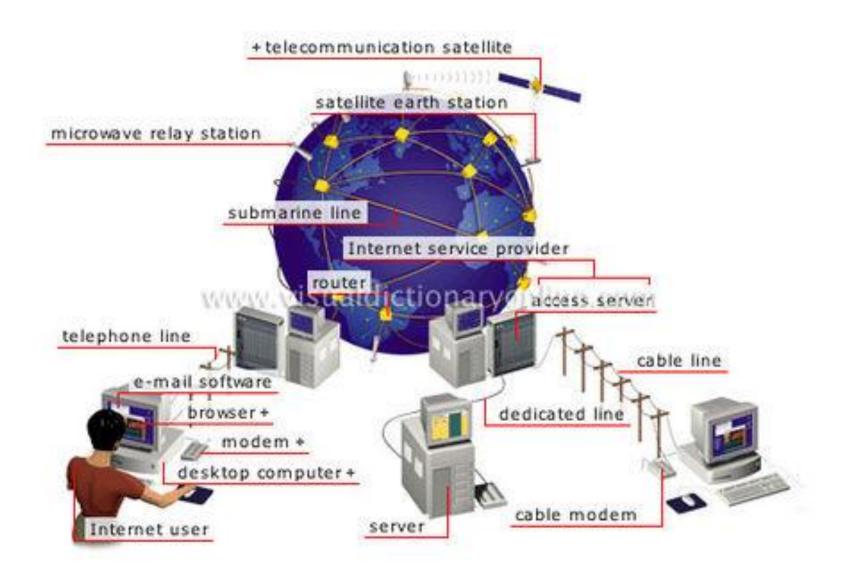
Communicating API Blogs Wisdom of Crowds CSS Collaboration SOAP **Tagging Folksonomies User-centred** Sharing **Podcasting** Web 2.0 **XHTML** Networking "Social Computing" Personlisation **XML** Joy of use Microformats Connecting Atom REST RSS AJAX Accessibility

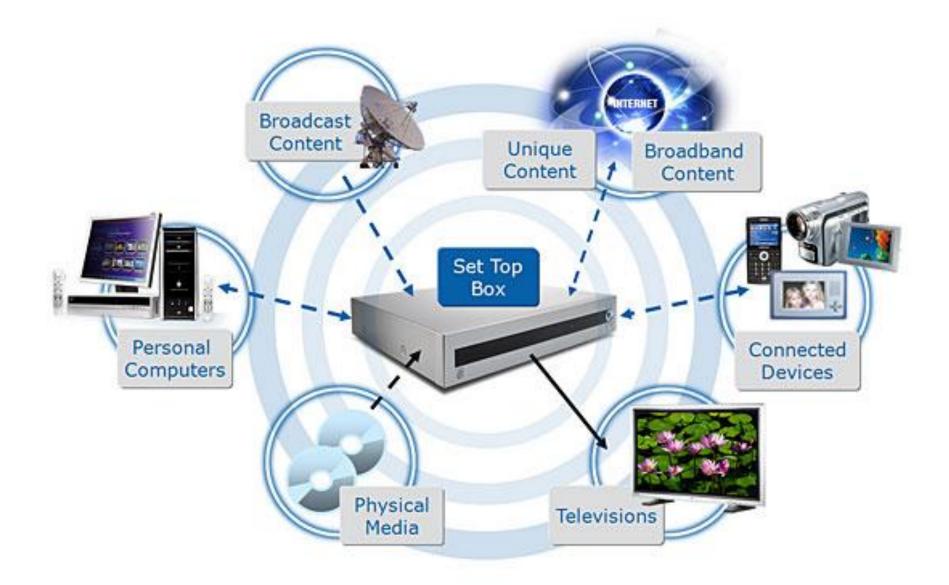
Vodcasting

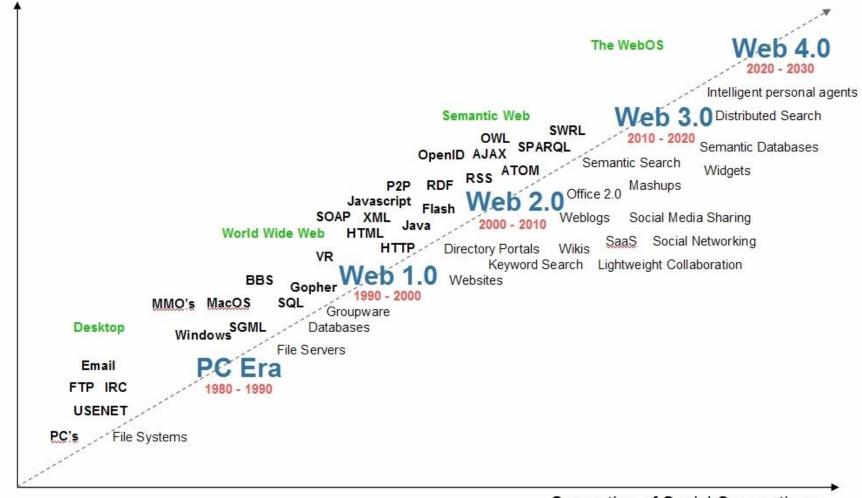
Search Engine Optimisation (SEO)

A Very Brief History of Micro-Media



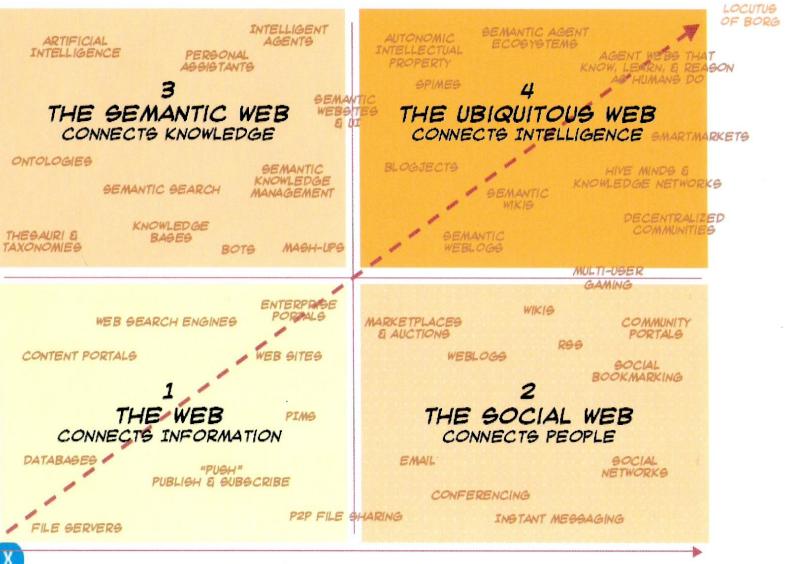








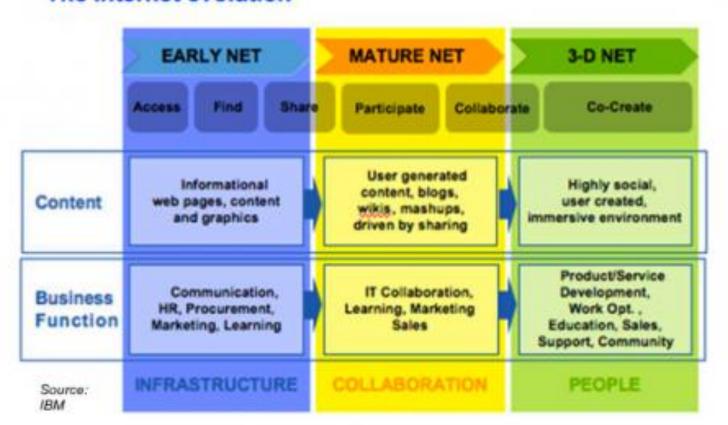




INCREASING SOCIAL CONNECTIVITY

Source: Nova Spivak, Radar Networks & Mills Davis, Project10x

The Internet evolution



Internet Hierarchy of Needs

Actualization

the Web becomes a frictionless tool for personal growth and fulfilment

Semantic needs

the ability to derive meaning from language, content and context

Organization needs

the ability to sort and search, based on titles, metatags, and document contents

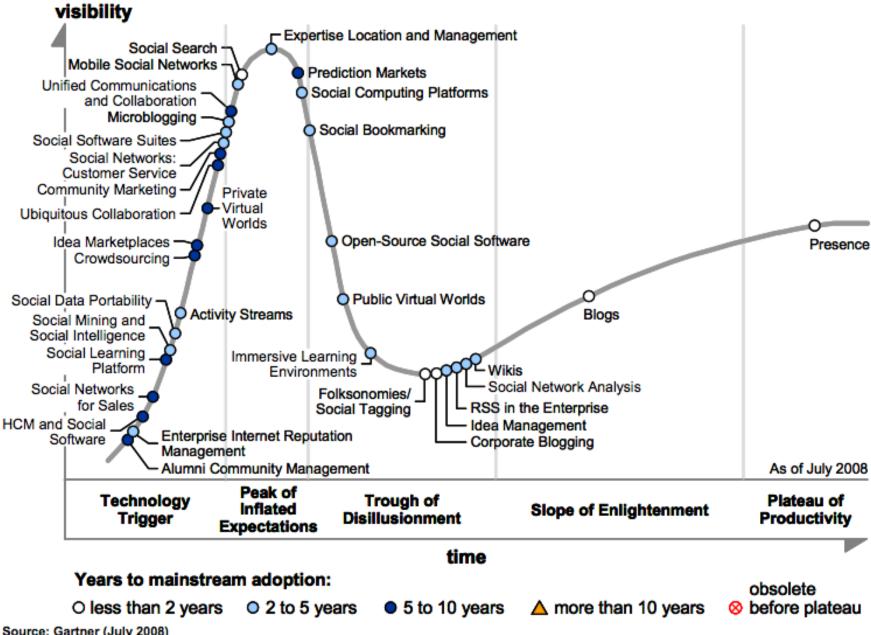
Connectivity needs

the ability to connect to and between documents and sites, and its subsequent implications

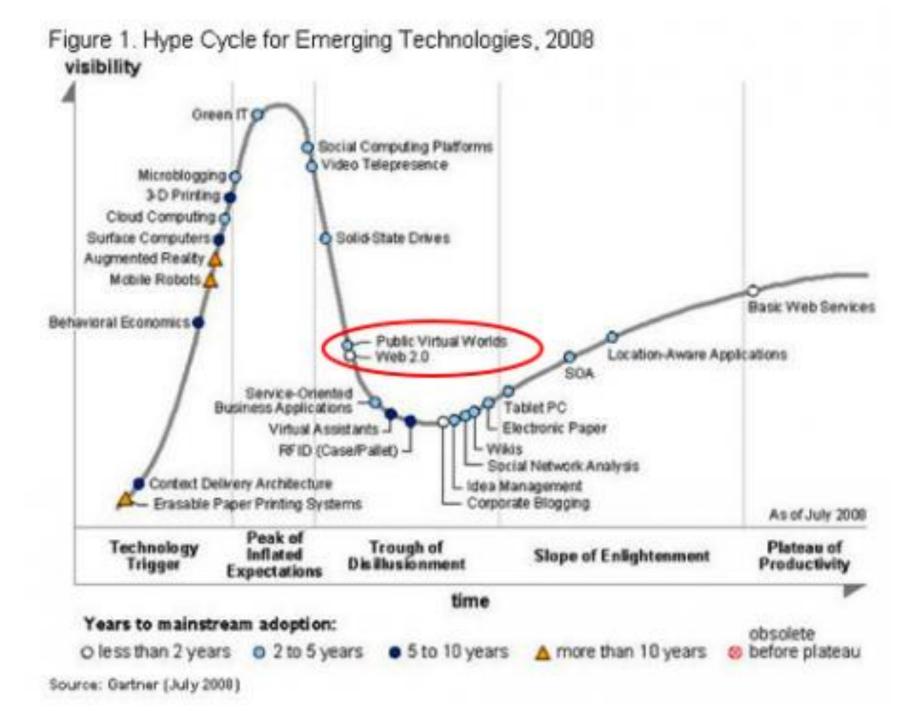
Existence needs

basic elements for the Internet to work: computers connecting to each other and volume of documents

O VortexDNA 2007 May be freely reproduced if attributed



Source: Gartner (July 2008)

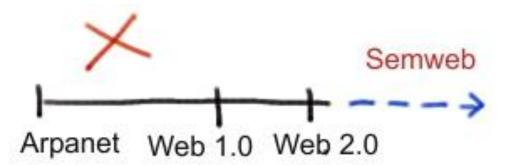


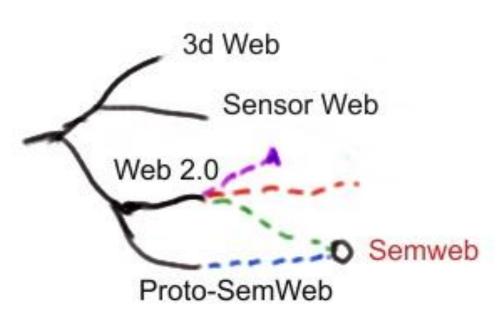
Sequential Fallacy

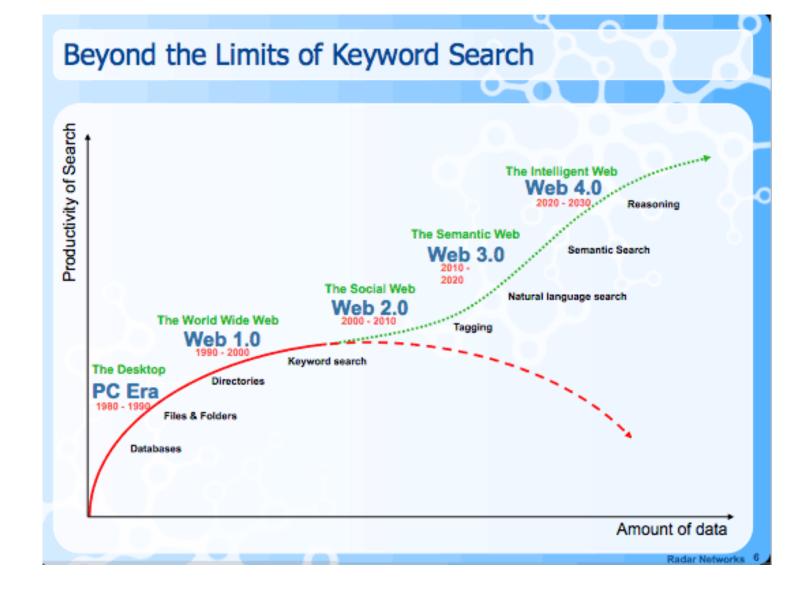


Real Evolution





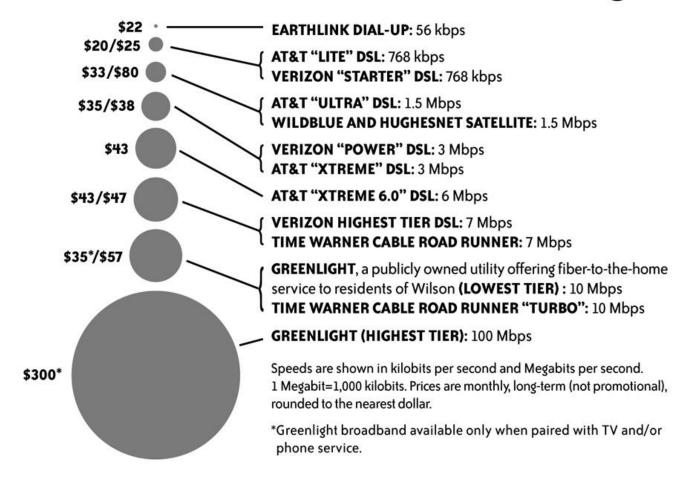




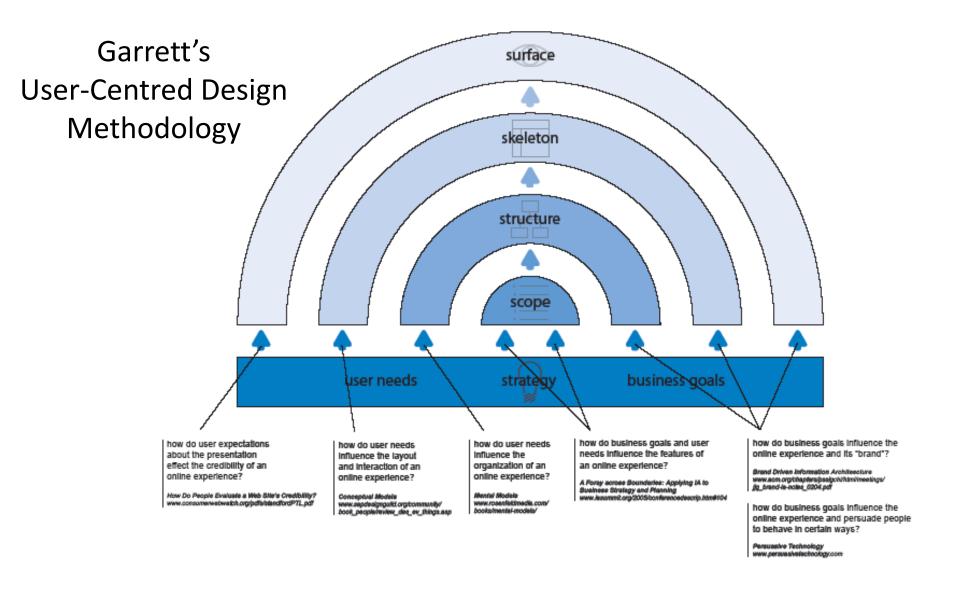
Exemplo 1: a pesquisa por palavras chave Computational Knowledge Engine: http://www.wolframalpha.com/index.html

WHAT YOU PAY, WHAT YOU GET

A comparison of Internet download speeds available to residential customers in the Triangle



Exemplo 2: o impacte da tecnologia verde http://www.greenit.net/whygreenit.html



Exemplo 3: integração de mundos de informação desligados http://www.jjg.net/ia/