

# A Overview of the Internet

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# Web and the Internet : Timeline

## Chronology

Arpanet :- Internetwork communication network that is distributed. nuclear war

## Protocols

Telnet :- remote logging on

FTP :- transfer of files

Email :-

Newsgroups :- foundation of the social element of the internet.

Rise in home computing, games, graphics, offices, new tools

Concepts :- Vannevar Bush 1946 “invented” the internet  
Minitel(France Telecom/BT) 1982 - Terminal Online  
Services CompuServe 1989 Ted Nelson “hypertext”  
Tim Berners Lee “World Wide Web” 1990ish  
1994 Netscape, explosion of the web  
By 1996 increasingly clear that finding things was difficult

# Software and Tools

- Gopher
- Usenet News Servers
- Telnet :- Windows Telnet, TerraTerm, xTerm or Putty
- FTP :- Filezilla, WinFTP, CuteFTP
- Browsers :- lynx, Web Browsers

# Browsers

- Mosaic
- Internet Explorer
- Netscape
- Mozilla
- Opera
- Google Chrome

# Search Engines

- Alta Vista
- Ask Jeeves
- Lycos
- Webcrawler
- Yahoo
- Google



- MSN, Live and Bing

# Alternative Search Engines

- Clusty
- Cuil
- Digg
- Wikipedia

# The Future

What will Web 3.0 be?

- Convergence of Search Engines, Catalogues, Chat Clients, Social Networking, Twitter, Facebook etc
- Non Latin domain names! 2010
- Google SPDY Protocol replacing http

# Thanks for having a look

The slides should be available to download from <http://conorg.gcd.ie/webtalk> Please email me with your comments and suggestions about this talk.  
Thank you for your time and cooperation!

# References

- Brink-Budgen, Roy Van Den (2004). “Critical thinking for students: Learn the skills of critical assessment and effective argument”, Oxford : How to Books.
- Bush, V. (1945). “As we may think.” The Atlantic Monthly.
- Graham, L. and P. T. Metaxis (2003). “Of course it’s true; I saw it on the Internet!”: critical thinking in the Internet era.” Communications of the ACM 46(5): 70-75.

- Knight, Charles (2007) ‘The top 100 search engines Readwriteweb.com” accessed 16/03/07  
[http://www.readwriteweb.com/archives/top\\_100\\_alternative\\_search\\_e](http://www.readwriteweb.com/archives/top_100_alternative_search_e)
- Lucas, I. and N. Helen (2000). “Defining the Web: The Politics of Search Engines.” Computer 33(1): 54-62.
- Metzger, M. J., A. J. Flanagan, et al. (2003). “College student Web use, perceptions of information credibility, and verification behavior.” Computers and education 41: 271-290.
- Morville, Peter (2005) “Ambient Findability”, O Reilly, Sebastopol.

# Colophon

This document was created using L<sup>A</sup>T<sub>E</sub>X. Initially it was wordprocessed using text editor [<www.vim.org>](http://www.vim.org) and then rendered into pdf using pdf<sub>l</sub>atex.

Version 2.7 of MiKTeX([<www.miktex.org>](http://www.miktex.org))

In researching this topic the Internet browser used was Mozilla Firefox [<www.getfirefox.org>](http://www.getfirefox.org) and the Firefox extension Zotero [<www.zotero.org>](http://www.zotero.org) was used in compiling websites consulted. The Vim plug-in SpellChecker.vim was used to correct my spelling,

checking using an American, a British and a Canadian Dictionary.

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