

A Overview of the Internet

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Introduction - The Internet Talk

About Me...

About the Talk

This talk is a brief overview of the Internet how it is used by people how it evolved and how it is evolving.

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 Comuserve 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 Clients :- Windows Telnet, TerraTerm, xTerm or Putty
- FTP Clients :- Filezilla, WinFTP, CuteFTP
- Browsers :- lynx, Web Browsers, RSS Readers/Aggregators.

- Message Client :- MSN, Yahoo, Jabber, Facebook Chat, Skype, Gtalk, AIM, IRC etc.
- Internet telephony :- Skype, Gtalk, MSN, SIP(Ekiga etc.).

Browsers

- Mosaic

Browsers

- Mosaic
- Internet Explorer

Browsers

- Mosaic
- Internet Explorer
- Netscape

Browsers

- Mosaic
- Internet Explorer
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- Mozilla (FireFox)

Browsers

- Mosaic
- Internet Explorer
- Netscape
- Mozilla (FireFox)
- Opera

Browsers

- Mosaic
- Internet Explorer
- Netscape
- Mozilla (FireFox)
- Opera
- Safari

- Google Chrome

- Google Chrome
- Flock

Search Engines

- Alta Vista

Search Engines

- Alta Vista
- Ask Jeeves

Search Engines

- Alta Vista
- Ask Jeeves
- Lycos

Search Engines

- Alta Vista
- Ask Jeeves
- Lycos
- Webcrawler

Search Engines

- Alta Vista
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- Yahoo

Search Engines

- Alta Vista
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- Lycos
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- Yahoo
- Google

- MSN, Live and Bing

- MSN, Live and Bing
- Baidu (Chinese)

- MSN, Live and Bing
- Baidu (Chinese)
- Yandex (Russian)

- MSN, Live and Bing
- Baidu (Chinese)
- Yandex (Russian)
- Naver (Korean)

Alternative Search Engines

- WolframAlpha

Alternative Search Engines

- WolframAlpha
- Clusty(now Yippy 2010)

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- Cuil (Closed 2010)

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- WolframAlpha
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- Digg

Alternative Search Engines

- WolframAlpha
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- Cuil (Closed 2010)
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- Wikipedia

Social Media

- Facebook (As of 2010 - 500,000,000 accounts)

Social Media

- Facebook (As of 2010 - 500,000,000 accounts)
- Twitter (Micro Blogging)

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- Bebo (Being sold or wound down)

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Social Media

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- Google Wave (2010 being ditched)
- MySpace (Music Fans)
- Orkut (owned by google popular in Brazil and Turkey)

- Plaxo (Interaction with other Social Media sites)

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- LinkedIn (Professionals online CV.)

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- Nimble

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- Yahoo Groups/Yahoo 360 (wound down?)

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- Nimble
- Yahoo Groups/Yahoo 360 (wound down?)
- Google Me (or a google entry into the Facebook Market)

The Future

What will the future be? What will Web 3.0 be?

- Convergence of Search Engines, Catalogues, Chat Clients, Social Networking, Twitter, Facebook. Myspace, Bebo, Google Wave, Google Buzz, Google ME? etc.
- Access points Smart Phones, Games Consoles, internetTVs.
- Non Latin domain names! 2010?
- Will HTML5 make Flash Redundant

- Google SPDY Protocol replacing http?
- IPV6 replacing IPV4?
- Apples market value overtakes Microsoft?
- 2010 Facebook overtakes google as the most popular website
- Spring 2010 more Internet Messages being sent than emails.

Thanks for having a look

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

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Colophon

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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> 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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