Glossary

TLA Three Letter Acronym

ETLA Extended Three Letter Acronym

DETLA Double Extended Three Letter Acronym

an internet Some networks that are joined together.

the Internet The large internet spanning much of the world.

Internet$^{\text{TM}}$ A media cyber culture experience thingy yoke.

Machine Just another word for computer.

Where did it come From ?

DARPA Defence Advanced Research Projects Agency.

DARPANET Their nuclear bomb proof network.

DARPANET

- Began in 1969 using NCP.

- In 1982 they began using TCP/IP.

- Split into Milnet and NSFnet.

- 'Backbone' is now more commercial.

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Routing

Works like pass the parcel !

What good is it ?

- New means of communication. Informal, immediate and convenient as a phone call, but with durability and volume of printed or written material.

- Global - there is a good chance you can find what you want because there is *so* much of it.

- Computerised - it can do things people couldn't be bothered - quickly. Like copying and searching.

- People use it.

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What can it do for me ?

- E-Mail

- News

- ftp, archie, gopher etc...

- WWW

- Java and networked computing.

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E-Mail

- The ultimate Postit Note?

- Global - if you can find the address.

- Mail Lists & Organisation

- Chatting

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News

- The ultimate Letters Page?

- Diversity.

- People.

- FAQ.

soc.culture.blah ie.* uk.* aus.* fr.* tcd.*
bionet.blah eunet.politics
misc.education misc.legal news.answers
rec.arts.fine,books,dance
rec.humour(.funny) rec.music.blah
sci.math soc.history soc.motss
soc.feminism talk.politics

Internet Boom and the Web

- Computers since 1982 are 100 times faster with 100 times more memory, showing hundreds of times more colours.

- Modems are also about 100 times faster.

- Public interest stuff became available on the net.

- A menu driven system system for presenting it appeared - gopher.

- Then someone invented hypertext.

URL's

- "Universal Resource Locators"

- A way of writing the location of almost all publicly available resources on the net.

- `http:`
  `//www.maths.tcd.ie/~dwmalone`

- The most general form is
  `proto://user:password@machine:`
  `port/Whatever`

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Web - What's out there ?

- More junk than you could shake a stick at.

- Info about Technology, Science and Computers.

- News + weather.

- Advertising.

- Software.

- Yahoo, searchers + robots.

Java + Orbs

- Java: A simple, object oriented, distributed, interpreted, robust, secure, architecture neutral, portable, high-performance, multithreaded and dynamic language.

- 1991 – Oak – a language for consumer electronics.

- 1993 – Oak for set top boxes.

- 1994 – Oak used for the web – Hotjava.

- 2000 – Orbs in Java?

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Problems with the net

- People say and do things they wouldn't in the 'real' world.

- Import/Export Problems.

- Piracy, copyright.

- Privacy and Authenticity.

- SPAM: Global + People + Easy Copying = Advertising.

- Lots of people, Lots of noise.

- Computers scare people away from the net.

- Computer users scare people away from the net.