

# Online Search Tips/ Skills/ Strategies/ Search Engines

## Search Engines

<b>Altavista</b> <a href="http://altavista.com/">http://altavista.com/</a>	<b>Yahoo!</b> <a href="http://www.yahoo.com/">http://www.yahoo.com/</a>
<b>Google</b> <a href="http://www.google.com">http://www.google.com</a>	<b>Yahooligans!</b> (kids) <a href="http://www.yahooligans.com/">http://www.yahooligans.com/</a>
<b>All the Web</b> <a href="http://www.alltheweb.com/advanced">http://www.alltheweb.com/advanced</a>	<b>ixquick</b> <a href="http://www.ixquick.com/">http://www.ixquick.com/</a>
<b>Hotbot</b> <a href="http://www.hotbot.com">http://www.hotbot.com</a>	<b>Dogpile</b> <a href="http://www.dogpile.com">http://www.dogpile.com</a>
<b>WebCrawler</b> <a href="http://www.webcrawler.com">http://www.webcrawler.com</a>	<b>Looksmart</b> <a href="http://www.looksmart.com/">http://www.looksmart.com/</a>
<b>Ask Jeeves</b> <a href="http://www.ask.com/index.asp">http://www.ask.com/index.asp</a>	<b>What is?.com</b> <a href="http://whatis.techtarget.com/">http://whatis.techtarget.com/</a>
<b>Overture</b> <a href="http://www.overture.com">http://www.overture.com</a>	<b>Lycos</b> <a href="http://www.lycos.com">http://www.lycos.com</a>

<b>Primary sites</b>				
full-text documents	images	sound files	multimedia sites	
<b>Secondary (or referential) sites</b>				
search engines	information gateways	virtual libraries	lists of links	bibliographies

**The first part of a URL - before the colon - describes the access method (protocol).**

Data can be made available on the Internet via a number of different protocols:

<a href="http://">http://</a>	a World Wide Web server (WWW)
<a href="ftp://">ftp://</a>	File Transfer Protocol
<a href="mailto:">mailto:</a>	Email
<a href="telnet://">telnet://</a>	Telnet
<a href="gopher://">gopher://</a>	Gopher

## Country Codes and Organizations

You can sometimes get a clue about the country the server is based in from the country code. For example: A list of country and organization codes is at <http://www.netskills.ac.uk/TonicNG/content/detective/60.html>

au	Australia	ac, edu	academic or educational servers
tr	Turkey	co, com	commercial servers
de	Germany	gov	government servers
fr	France	org	non-governmental, non-profit making organizations
uk	United Kingdom	mil	Military
us	United States	net	Network

## Search Skills

- Using the word **AND** between two words or phrases finds pages with both words or phrases. computers AND teaching.
- Using the word **OR** between two words or phrases finds pages with at least one of the words or phrases. laptops OR palmtops.
- Using the words **AND NOT** between two words or phrases finds pages with the desired word/phrase where the second word/phrase is not included. computers AND NOT Compaq.
- Using the word **NEAR** between two words or phrases finds pages where those words/phrases occur close to one another in any order – Jackie NEAR Silberg.
- To find all the pages that contain the variations of a word, i.e. child, children, childhood, etc., type **child\***. This can also be use to find pages which may contain variations in the spelling of a word - to get pages for theater and theatre, type theat\*.
- To find pages that contain a particular image or picture, such as “butterfly”, type **image:butterfly or picture:butterfly**.
- To find pages that contain a word in the URL, such as computers, type **url:computers**.
- To find who linked to a certain web page. Type **link:http://www-unix.oit.umass.edu/**
- **+ includes – excludes** particular subjects. +jazz + music find all the pages which has jazz and music
- **To get phrases in pairs**, use quotation mark around the words “**jazz music**” gets things in pairs.
- To find the selected keyword(s) in the <title> tag of the page, Type title and the word in quotation. “**title:jazz**”

- To exclude or include a certain type of host from the search, put + or – and type **host:** and the host edu, com, org, gov.

**“jazz music” + host:edu** includes educational sites

**jazz – host:com** excludes all the commercial sites from the search.

- To find a specific subject under a special host name, type the **host:** name and subject.

**host:pbs.org “jazz music”** finds the jazz music in pbs web site.

**Host:wpunj.edu “graduate school”** find every page in William Paterson University related with graduate school.