

A Guide for Kids

# INTERNET DEFINITIONS

*INTRODUCTION TO THE BASICS OF INTERNET*

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## WHAT IS THE INTERNET

Internet is a giant computer network connects many many networks together, this is spread all over the world, there are Millions of users connected with it and there are Billions of websites on internet. The number of websites on internet increased every day.

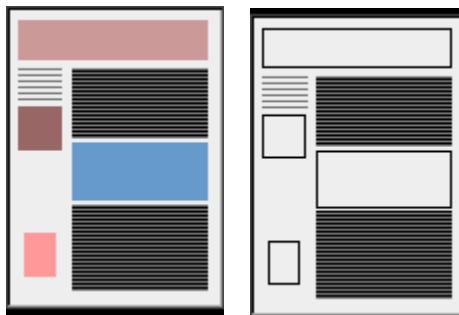


We look to the Internet for news, socializing, shopping, research, music, games, and movies and for sending/receiving email messages. One of the greatest things about the Internet is that nobody really owns it. It is a global collection of networks, both big and small. These networks connect together in many different ways to form the single entity that we know as the Internet. In fact, the very name comes from this idea of interconnected networks.



## WHAT IS A WEB PAGE

A document containing text and graphics that can be accessed through a web browser on the internet. Every web page is identified by a unique URL (Uniform Resource Locator). Every webpage is written in a computer language.



The most common and famous computer language for designing a web page is HTML. HTML stands for Hyper Text Markup Language.

Some famous WebPages.



HTML is written in the form of HTML tags that describe how the text should be formatted when a browser displays it on the screen. The tags are simple instructions that tell the Web browser how the page should look when it is displayed. The tags tell the browser to do things like change the font size or color, or arrange things in columns. The Web browser interprets these tags to decide how to format the text onto the screen.



## WHAT IS A WEB SITE

A website is a collection of Web pages, images, videos or other digital assets that is hosted on one or several Web server(s), usually accessible via the Internet, cell phone or a Local Area Network All publicly accessible websites are seen collectively as constituting the "World Wide Web". Every website has a home page.



## WHAT IS A CLIENT COMPUTER

Your home computer is an example of a client computers, similarly there are many other computers used in offices, banks, internet café are client computers. A client computer is a computer which is used to browse websites. Usually a Client computer reads data from a server computer.



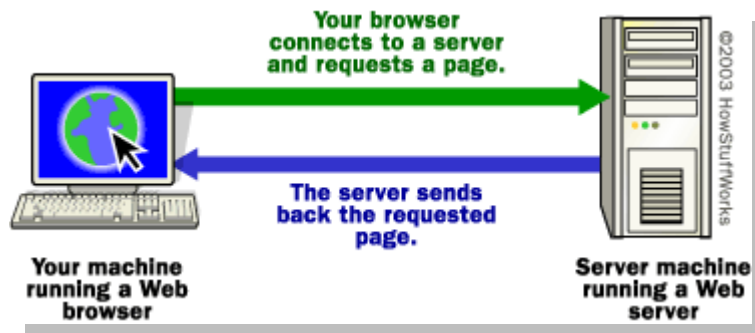
## WHAT IS A SERVER COMPUTER

A Web Server is a computer connected to the Internet for the purpose of serving a web site's web pages to visitors on the World Wide Web. Web Server includes a software package that provides a specific kind of service to clients running on other computers. More specifically, a server is a computer that manages and shares web based applications accessible anytime from any computer connected to the Internet.

## DIAGRAM OF CLIENT-SERVER COMMUNICATION

Have you ever wondered about the mechanisms that delivered a web page to you? While viewing a web page in a browser. So, when you clicked on the link for this page, or typed in its URL (uniform resource locator), what happened behind the scenes to bring this page onto your screen?

Following diagram will help you understand what happens when you open a website on your computer.



## WHAT IS A WEB BROWSER

A Web browser, like Microsoft Internet Explorer, Mozilla Firefox and Netscape Navigator, is a computer program (also known as a software application, or simply an application) that does two things

- A Web browser gets a request for web page from a user and forward this request to a web server, in the reply web server sends that specific web page. So that the browser can pull the page through the network and display it into your machine.
- A Web browser knows how to interpret the set of HTML tags within the page in order to display the page on your screen as the page's creator intended it to be viewed.



## WHAT IS CHATTING

On the Internet, chatting is talking to other people who are using the Internet at the same time you are. Usually, this "talking" is the exchange of typed-in messages requiring one site as the repository for the messages (or "chat site") and a group of users who take part from anywhere on the Internet. In some cases, a private chat can be

arranged between two parties who meet initially in a group chat. In computer terms chat is a Real Time communication.



## WHAT IS MSN AND MSN MESSENGER

MSN stands for Microsoft Network. This is an all in one website offers many many services. Microsoft (One of the biggest software developing company worldwide) use the term to refer to several different parts of their instant messaging solution. You chat over the "MSN Messenger network". MSN started in July 1999 and it is among the top four proprietary instant messaging networks, which are AOL Instant Messenger, ICQ and Yahoo Messenger.



## WHAT IS RSS

RSS stands for Rich Site Summary. RSS allows our news reader program to bring a websites news feed directly to your computer. We can also subscribe for RSS; in that case we shall get information immediately as long as it is published on the website. Now a day's much News and Sports website offers RSS.



## WHAT IS A BLOG

A blog is a frequently updated journal or diary usually, Blog is short for "Web log," A Blog is a specialized web site that allows an individual or group to share events, articles, news, thoughts and personal insights with online audiences. Now a days most of the online companies offer Blogging service. Also a blog comes with many themes, by that we can change the look and colors of a blog in seconds.

In simple words we can say that a Blog is an online Journal or an online dairy. This can be about and be used for anything at all, it can be used for news, reviews, products etc for a business, organization etc. This is great as it helps the user stay in touch with the website with new and up to date information.



## WHAT IS A SEARCH ENGINE

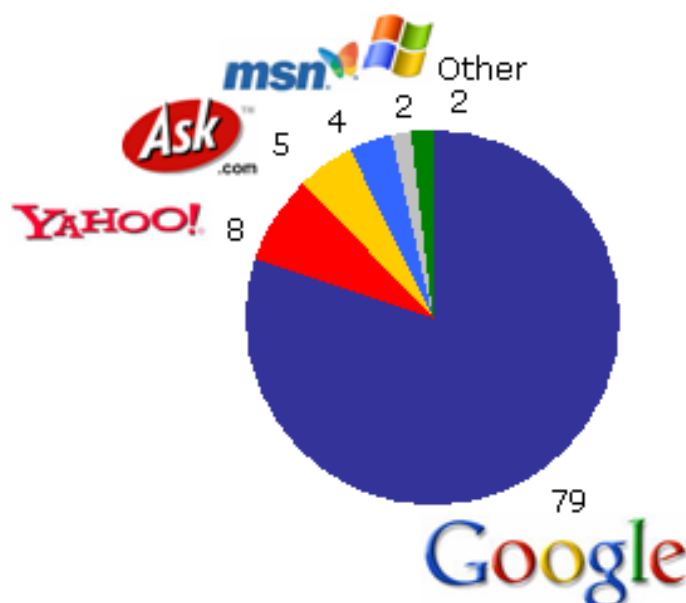
A Search Engine is a tool for searching information on the Internet by topic. It is software that searches for information and returns sites which provide that information. A search engines also searches documents (i.e. web pages, which are HTML-documents) for specified keywords and returns the list of documents.



## WHAT IS GOOGLE AND WHY IT IS SO FAMOUS

Google is a very big and popular search engine on the World Wide Web (WWW). Google Inc. also does things apart from searching. It the most-used search engine on the web. Every day, 200 million people use it.

With Google, people can also search for pictures, newsgroups, news, and things to buy online. By June 2004, Google has 4.28 web pages in its records. It has been said that perhaps 80 percent of all web users work with Google today. This chart shows use of Google in United Kingdom by April 2007.





## Searching Efficiently with Google

**Simple Search** – Open google.com and enter your search query (text), This will bring you results immediately.

**Image Search and Video** – Open google.com and click on the “Image” link in the top left, it will bring you to another page with the tile of Google Image Search, enter your search query and Click “Search Image” button.

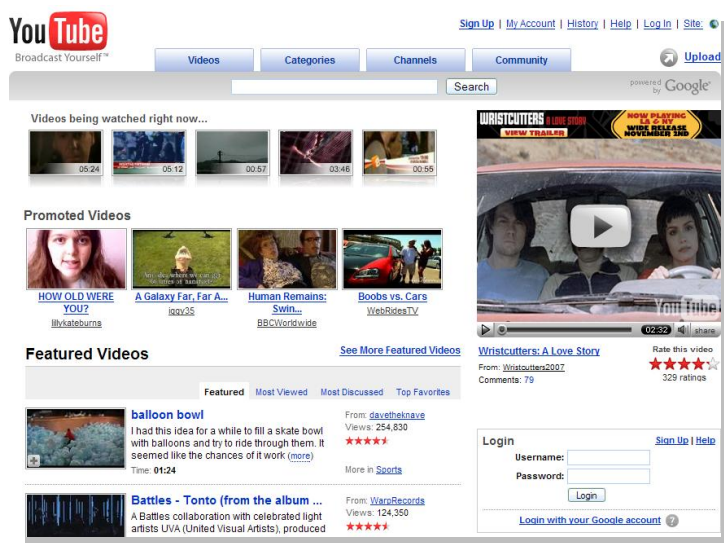
For the Videos, you will find a link in a drop down under “more” link.

**Advanced Search** – Open google.com and click on the link, right beside the text box “Advanced Search”, It will redirect you to another page, where you can specify the date and time, number of results, language of search, file format and within a web site etc.



## WHAT IS YOU TUBE

YouTube is a video sharing website where users can upload, view and share video clips. YouTube was created in mid-February 2005 by three former PayPal (A famous company offers online shopping related services) employees. The San Bruno-based service uses Adobe Flash technology to display a wide variety of video content, including movie clips, TV clips and music videos, as well as amateur content such as videoblogging and short original videos. In October 2006, Google Inc (A famous Internet Search Engine) has purchased this YouTube. Its web address is [www.youtube.com](http://www.youtube.com)





## WHAT IS FLICKR

Like YouTube, Flickr is an online photo management and sharing website. Flickr is almost certainly the best site offers such services. It shows off your favorite photos to the world securely. Flickr is also one of the most innovative photo services available today. Flickr is a Yahoo company. Its URL is [www.flickr.com](http://www.flickr.com)



## WHAT IS WIKIPEDIA

Wikipedia is a Web-based, free-content encyclopedia," available in numerous languages. It "is one of the most popular reference sites on the Internet. Wikipedia is written collaboratively by contributors around the world. The site is a Wiki - anybody can edit and add to an article. Offers quick understanding on controversial issues. Strong in current affairs. Its URL is [www.wikipedia.com](http://www.wikipedia.com)

**WIKIPEDIA**

**English**  
The Free Encyclopedia  
1,522,000+ articles

**Deutsch**  
Die freie Enzyklopädie  
508,000+ Artikel

**Français**  
L'encyclopédie libre  
406,000+ articles

**Polski**  
Wolna encyklopedia  
322,000+ hasł

**日本語**  
フリー百科事典  
287,000+ 記事

**Nederlands**  
De vrije encyclopedie  
245,000+ artikelen

**Italiano**  
L'enciclopedia libera  
221,000+ voci

**Português**  
A enciclopédia livre  
203,000+ artigos

**Svenska**  
Den fria encyklopedin  
197,000+ artiklar

**Español**  
La enciclopedia libre  
177,000+ artículos

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English

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## WHAT IS FACEBOOK

Facebook is a social utility that connects you with the people around you. ([www.facebook.com](http://www.facebook.com)). Facebook was launched on February 4, 2004, founded by Mark Zuckerberg, a former Harvard student.

Users create profiles that often contain photos and lists of personal interests, exchange private or public messages, and join groups of friends. The viewing of detailed profile data is restricted to users from the same network or confirmed friends.

### FACEBOOK FEATURES

**The Wall** - The Wall is a space on each user's profile page that allows friends to post messages for others.

**Gifts** - Friends could send "gifts" -- small icons of novelty items.

**Marketplace** - In Facebook Marketplace allowing users to post free classified ads within the following categories: For Sale, Housing, Jobs, and Other.

**Pokes** - In principle this is intended to serve as a "nudge" to attract the attention of the other user.

**Status** - The "status" feature allows users to inform their friends and the Facebook community of their current whereabouts and actions.

**Events** - Facebook events are a way for members to let friends know about upcoming events in their community and to organize social gatherings.

**Applications** - Facebook allows developers to create applications like games and photo sharing etc



## WHAT IS YAHOO

Yahoo! is an American public corporation and global Internet services company. It provides a range of products and services including a web portal, a search engine, the Yahoo! Directory, Yahoo! Mail, news, and posting.