

A series of vertical stripes in various shades of blue and white, located on the left side of the slide.

WEB BROWSERS

INTRODUCTION

- A Web browser acts as an interface between the user and Web server
- Software application that resides on a computer and is used to locate and display Web pages.
- Web user access information from web servers, through a client program called browser.
- A web browser is a software application for retrieving, presenting, and traversing information resources on the World Wide Web

FEATURES

- All major web browsers allow the user to open multiple information resources at the same time, either in different browser windows or in different tabs of the same window
- A refresh and stop buttons for refreshing and stopping the loading of current documents
- Home button that gets you to your home page
- Major browsers also include pop-up blockers to prevent unwanted windows from "popping up" without the user's consent

COMPONENTS OF WEB BROWSER

1. User Interface

- this includes the address bar, back/forward button , bookmarking menu etc

1. Rendering Engine

- Rendering, that is display of the requested contents on the browser screen.
- By default the rendering engine can display HTML and XML documents and images

HISTROY

- The history of the Web browser dates back in to the late 1980s, when a variety of technologies laid the foundation for the first Web browser, WorldWideWeb, by Tim Berners-Lee in 1991.
- Microsoft responded with its browser Internet Explorer in 1995 initiating the industry's first browser war
- Opera first appeared in 1996; although it have only 2% browser usage share as of April 2010, it has a substantial share of the fast-growing mobile phone Web browser market, being preinstalled on over 40 million phones.
- In 1998, Netscape launched Mozilla

TYPES OF WEB BROWSER

- Amaya
- AOL Explorer
- Elinks
- Arlington Kiosk
- Dillo
- Epiphany
- Flock
- Galeon
- iCab
- K-Meleon
- KioWare
- SeaMonkey
- Safari
- Internet Explorer
- Internet Explorer for Mac
- Konqueror
- Links
- Lynx
- Maxthon
- Mosaic
- Mozilla
- Mozilla Firefox
- Netscape
- OmniWeb
- Opera

WORLD WIDE WEB

- **WorldWideWeb** was the first web browser. When it was written, WorldWideWeb was the only way to view the Web
- It was capable of displaying basic style sheets, downloading and opening any file type supported by the NeXT system, browsing newsgroups, and spellchecking. At first, images were displayed in separate windows, until NeXTSTEP's Text class supported Image objects.

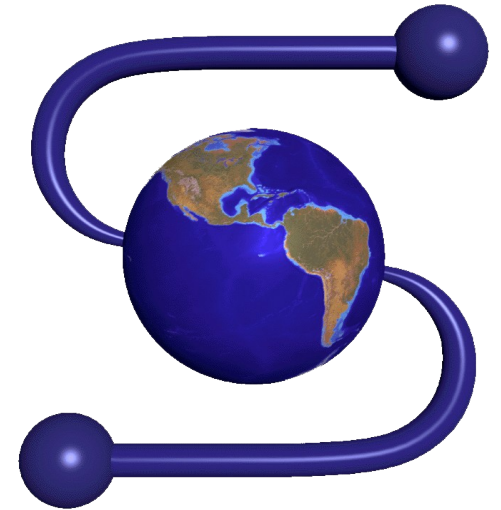
MOZILLA FIREFOX

- The Firefox Web Browser is the faster, more secure, and fully customizable way to surf the web
- Mozilla is a global community dedicated to building free, open source products like the award winning Firefox web browser and Thunderbird email software. Mozilla Firefox



MOSIAC

- Mosaic was developed at the National Center for Supercomputing Applications(NCSA) at the University of Illinois Urbana-Champaign beginning in late 1992. NCSA released the browser in 1993, and officially discontinued development and support on January 7, 1997.
- Mosaic was also the first browser to display images inline with text instead of displaying images in a separate window



NETSCAPE NAVIGATOR

- **Netscape Navigator** and **Netscape** are the names for the proprietary web browser popular in the 1990s
- It was the flagship product of the Netscape Communications Corporation and the dominant web browser in terms of usage share, although by 2002 its usage had almost disappeared



WINDOWS INTERNET EXPLORER

- **Windows Internet Explorer** (formerly **Microsoft Internet Explorer**), is a series of graphical web browsers developed by Microsoft and included as part of the Microsoft Windows line of operating systems starting in 1995



OPERA

- **Opera** is a web browser and Internet suite developed by Opera Software.
- The browser handles common Internet-related tasks such as displaying web sites, sending and receiving e-mail messages, managing contacts, chatting on IRC downloading files via BitTorrent, and reading web feeds.
- Opera is offered free of charge for personal computers and mobile phones.



SAFARI

- **Safari** is a graphical web browser developed by Apple and included as part of the Mac OS X operating system.
- on the company's Mac OS X operating system, it became Apple's default browser



GOOGLE CHROME

- **Google Chrome** is a web browser developed by Google that uses the WebKit layout engine and application framework
- It was first released as a beta version for Microsoft Windows on 2 September 2008, and the public stable release was on 11 December 2008.



MOBILE BROWSERS

- Mobile Browsers A mobile browser, also called a micro browser, minibrowser or wireless internet browser(WIB), is a web browser designed for use on a mobile device such as a mobile phone or PDA.
- Opera Mini, offered free of charge, is designed primarily for mobile phones, but also for smartphones and personal digital assistants.

THANK YOU