

COURSE ON COMPUTER
CONCEPTS(CCC)

WWW AND WEB BROWSER

INTRODUCTION

What is WWW and web browser?

➤ World Wide Web

In 1990, almost four years before net scape, the founder of the world wide web foundation and W3C director Tim Berners - lee developed the first-ever web browser called... **World Wide Web**.

➤ Web browser

Definition of a "web browser" and links to support websites for further information and help. "A web browser, or simply 'browser,' is **an application used to access and view websites**. ... The primary function of a web browser is to render html, the code used to design or 'mark up' webpages" (tech terms, 2014).

Objectives

Software Development Process

Introduction In software engineering, a software development methodology (also known as a system development methodology, software development life cycle, software development process, software process) is a division of software development work into distinct phases (or stages) containing activities with the intent of better planning and management. It is often considered a subset of the systems_.

Software Development

Introduction Software development is the computer programming, documenting, testing, and bug fixing involved in creating and maintaining applications and frameworks involved in a software release life cycle and resulting in a software product. The term refers to a process of writing and maintaining the source code, but in a broader sense of the term it includes_.

Intellectual Property

Introduction Intellectual property (IP) is a term referring to creations of the intellect for which a monopoly is assigned to designated owners by law. Some common types of intellectual property rights (IPR) are copyright, patents, and industrial design rights; and the rights that protect trademarks, trade dress, and in some jurisdictions trade secrets: all these cover music, literature.

System Development

Introduction This chapter will provide you with an overview of the systems development process. First we describe in detail the traditional Systems Development Life Cycle (SDLC), encompassing the stages through which each system should pass, from the initial survey to hand-over of the completed system. Pressure for rapid development and future maintainability of systems has_.

Web Browsing Software



- A **web browser** is an application software that is used to present or receive resources that is traversing through the World Wide Web (www).
- An information resource can be images, videos, web pages or any other content identified by URL. Browsers plays the client side interface role in Client Server Architecture.
- Browser allow client device to connect to a webserver and read the HTML files located on it. When the web browser send request to web server, these files are transferred to your computer as response that is interpreted by web browser to display the content.
- In the easiest words we can describe a web browser as a tool or software to surf internet quickly and efficiently.
- Some of the most common and popular web browsers can be named as Microsoft Edge (Internet Explorer), Google Chrome, Apple Safari, Mozilla Firefox, Netscape, Opera etc.

Popular Web Browsing Software

- **Chrome**
- **Firefox – also known as Mozilla Firefox**
- **Apple’s Safari web browser**
- **Microsoft Edge**
- **Opera**
- **Vivaldi**



Chrome

Google Inc.

Available for all popular operating systems



Firefox

Mozilla Corporation

Available for all popular operating systems



Safari

Apple Inc.

Mac OS and iOS



Edge

Microsoft

Windows 10, Windows Mobile & Xbox One. Edge replaces Internet Explorer.



Opera

Opera Software

Available for all popular operating systems

Configuring Web Browser

❑ What is Web browser configuration?

Configuring a web browser is organizing or changing the settings of the browser in a format presentable to the user.

➤ Google Chrome (Windows/OS X)

1. Open Chrome.
2. Click the wrench icon on the browser toolbar.
3. Select Settings.
4. Click Show advanced settings.
5. In the Privacy section, click "Content settings...".
The Content settings window appears.
6. In the Pop-ups section, click "Manage exceptions...".
7. Copy and paste **<https://secureacceptance.cybersource.com/pay>** into Hostname pattern field and set the behaviour to Allow.
8. Close any remaining dialog boxes.

➤ Mozilla Firefox (Windows/OS X)

1. Open Firefox.
2. Select "Options..." from the Tools menu (Windows) or "Preferences..." from the Firefox menu (OS X). The Options (Windows) or variable (OS X) dialog box opens.
3. In the top panel of the dialog box, click on the Content icon to display the Content dialog box.
4. In the Content dialog box, ensure the Block pop-up windows checkbox is selected, then click the adjacent "Exceptions..." button.
5. Copy and paste **<https://secureacceptance.cybersource.com/pay>** into Address of website field, then click Allow. The selected webpage is added to the list of Allowed Sites.

Search Engines

Search engines, which is also a web-based program that enables the user to search and identify information in a database as per the keyword or character searched by the user. It is used specifically for finding particular websites on the World Wide Web. Some popular examples of search engines are: Google, Yahoo and MSN.



Popular Search Engines / Search for content

1. Google. Google Search Engine is the best search engine in the world and it is also one of most popular products from Google. ...
2. Bing. Bing is Microsoft's answer to Google and it was launched in 2009. ...
3. Yahoo. ...
4. Baidu. ...
5. AOL. ...
6. Ask.com. ...
7. Excite. ...
8. DuckDuckGo.



➤ Google

Google Search Engine is the best search engine in the world and it is also one of most popular products from Google.

Almost 70 percent of the Search Engine market has been acquired by Google.

The tech giant is always evolving and looking to improve the search engine algorithm to provide best results to the end-user.

Although Google appears to be the biggest search engine, as of 2015

YouTube is now more popular than Google (on desktop computers).

GIVE IT A GO: [Google Search App](#)

Accessing Web Browser

Browsing web pages

Using Firefox

Using KONQUEROR

Transferring files

Using FileZilla

FTP on the command line

□ Browsing web pages

Firefox and **KONQUEROR** are the suggested web browsers for most users. If you require a more lightweight browser (especially if you are using a slower system), you may want to try **DILLO** . If you are using the command line, then you may want to use **lynx**, **w3m**, or **E-links** . None of these programs are installed in Fedora by default, but can be installed using the instructions .

USING FIREFOX :-

To start **Firefox** in GNOME, select **Applications** → **Internet** → **Firefox Web Browser** or use the menu panel icon. To start **Firefox** in KDE, select **K-Menu** → **Applications** → **Internet** → **Firefox Web Browser**.

USING KONQUEROR:-

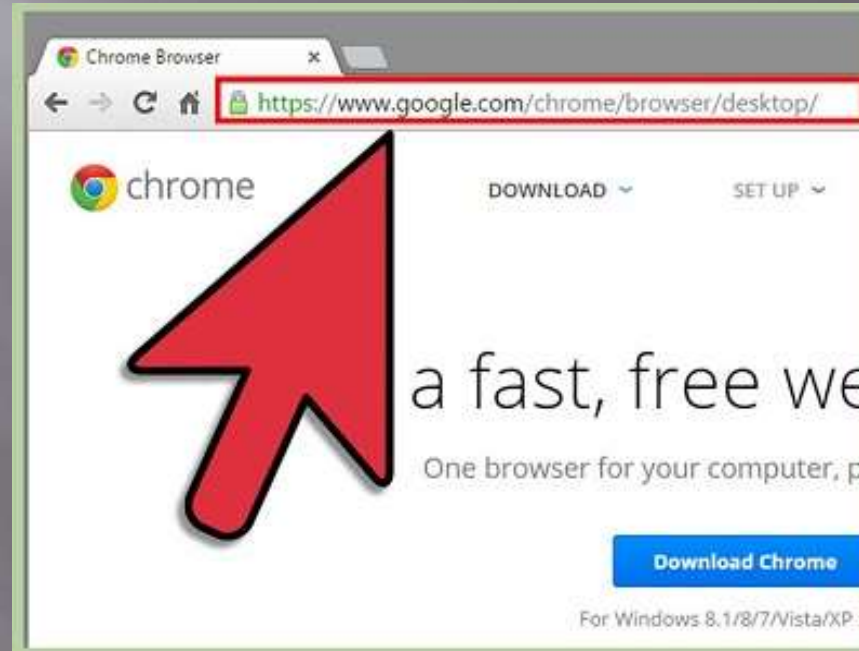
To start **KONQUEROR** in KDE, select **K-Menu** → **Applications** → **Internet** → **KONQUEROR**. To start **KONQUEROR** in GNOME, select **Applications** → **Internet** → **KONQUEROR**.

Downloading Web Pages

How to download Google Chrome

Step1-

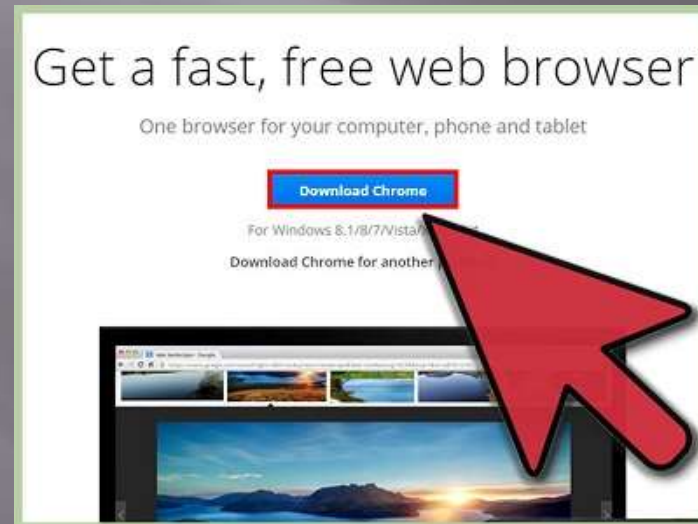
Downloading chrome



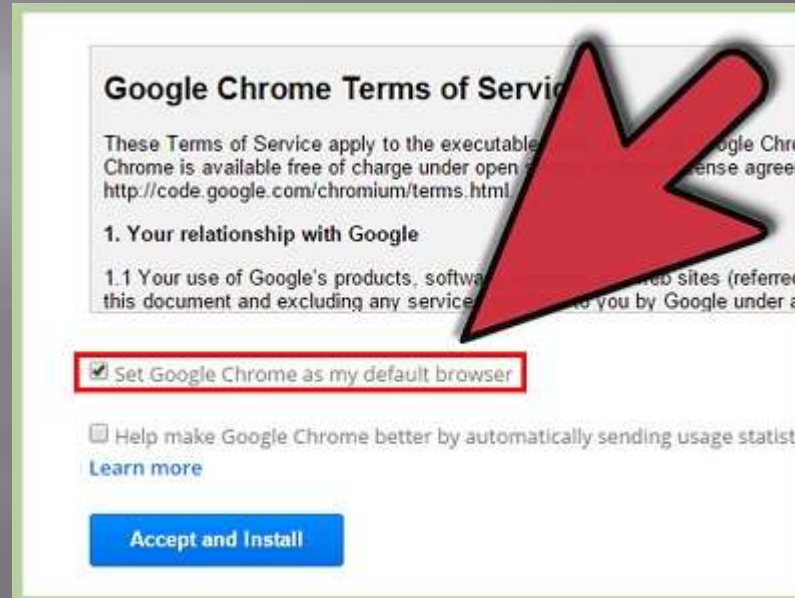
Go to the Google Chrome website- You can use any web browser to download Google Chrome. If you haven't installed a browser, you can use your operating system's preinstalled web browser (Internet Explorer for Windows and Safari for Mac OS X).

Step 2-

Click "Download Chrome". This will open the Terms of Service window.



Step 3- Determine if you want Chrome as your default browser.



Google Chrome Terms of Service

These Terms of Service apply to the executable... Google Chro
Chrome is available free of charge under open... license agreeer
<http://code.google.com/chromium/terms.html>

1. Your relationship with Google

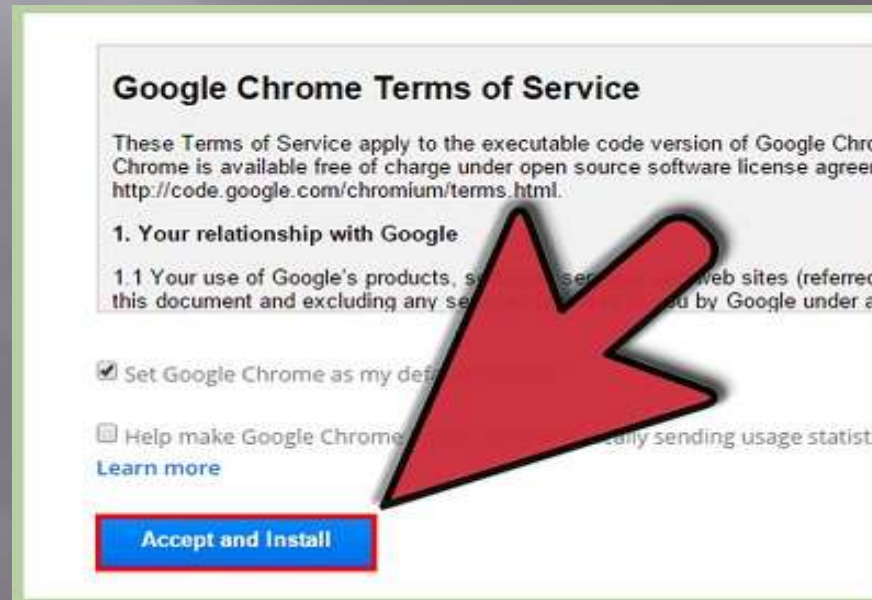
1.1 Your use of Google's products, software... web sites (referred
this document and excluding any service... to you by Google under a

Set Google Chrome as my default browser

Help make Google Chrome better by automatically sending usage statist
[Learn more](#)

Accept and Install

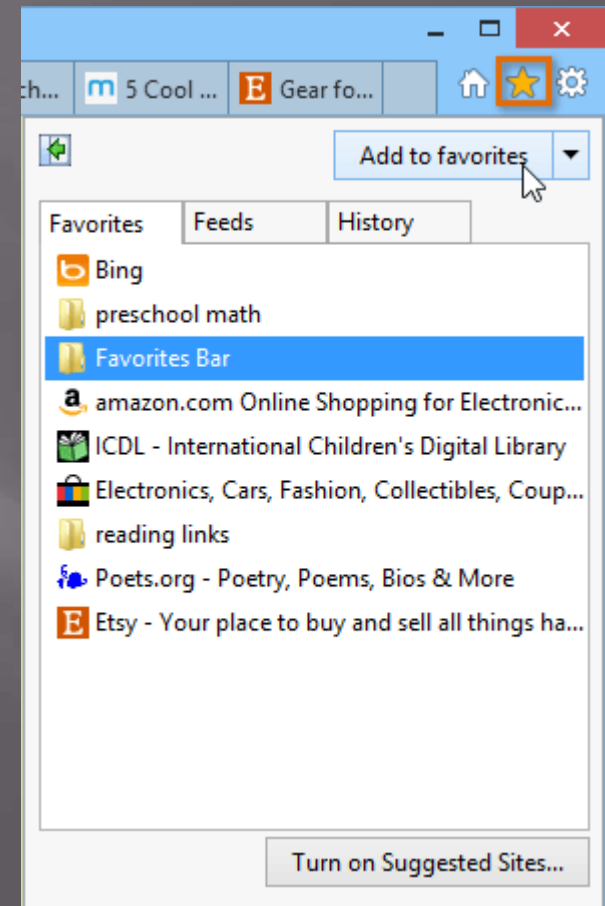
Step 4- Click “Accept and Install” after reading the Terms of Service. The installer will start and you will have Google Chrome installed when it has finished. Depending on your browser settings, you may need to allow the program to run.



Using FAVORITES Folder

To Add Tabs To FAVORITES :

1. Right-click the top of the browser window, then select Menu bar. The menu bar will appear.
2. Click FAVORITES , then select Add current tabs to FAVORITES ...
3. A dialog box will appear. Choose a name and location for the new folder, then click Add.
4. A new folder will appear in the selected location.



Printing Web Pages

Simple Steps for Printing Out a Web Page

1. Open Your Web Page. Have the web page you wish to print open in your browser.
2. Click Menu. In google chrome this will be represented by three small vertical lines in the top right hand corner of your browser. ...
3. Click Print. Once the menu drops down, select "Print".
4. Helpful Tips.

