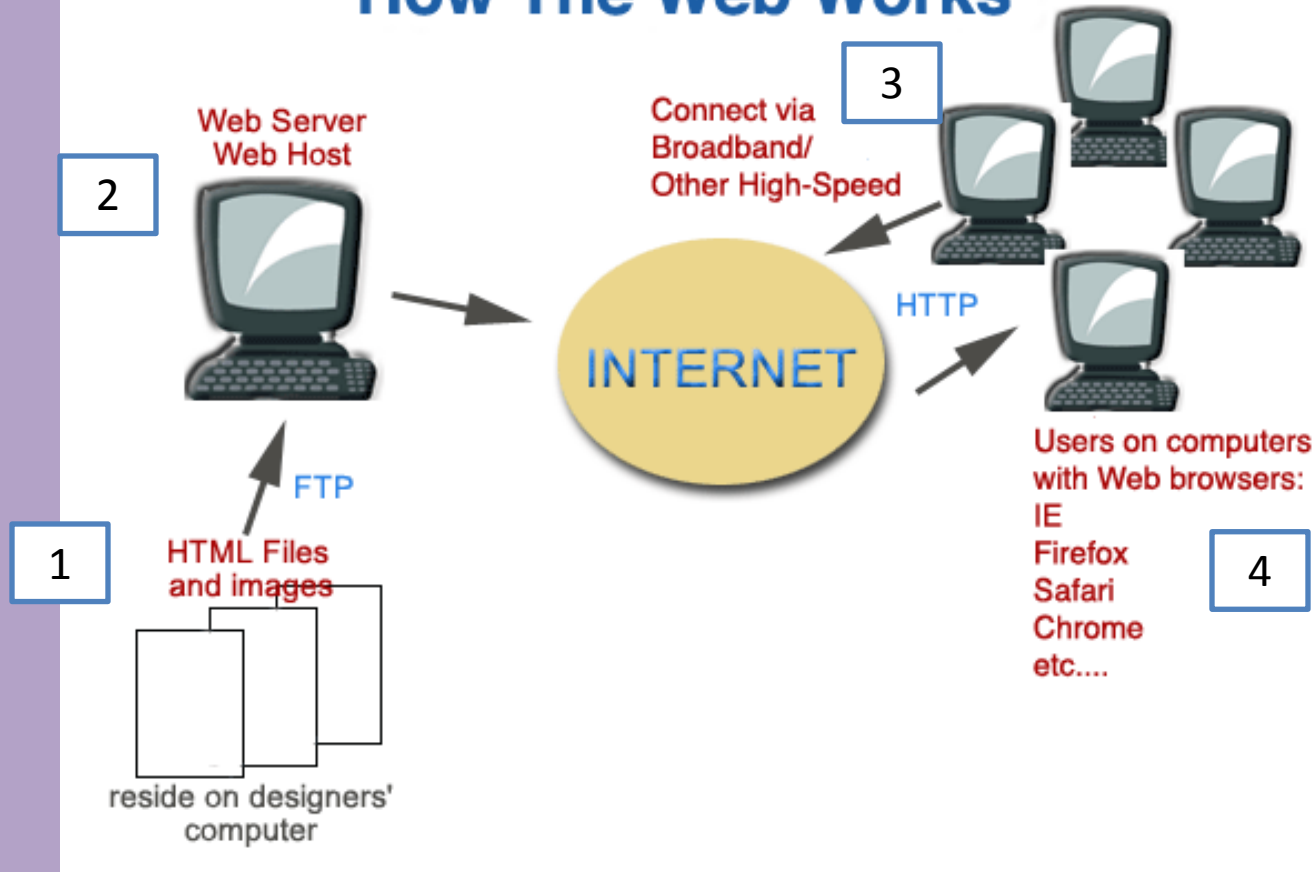


Internet



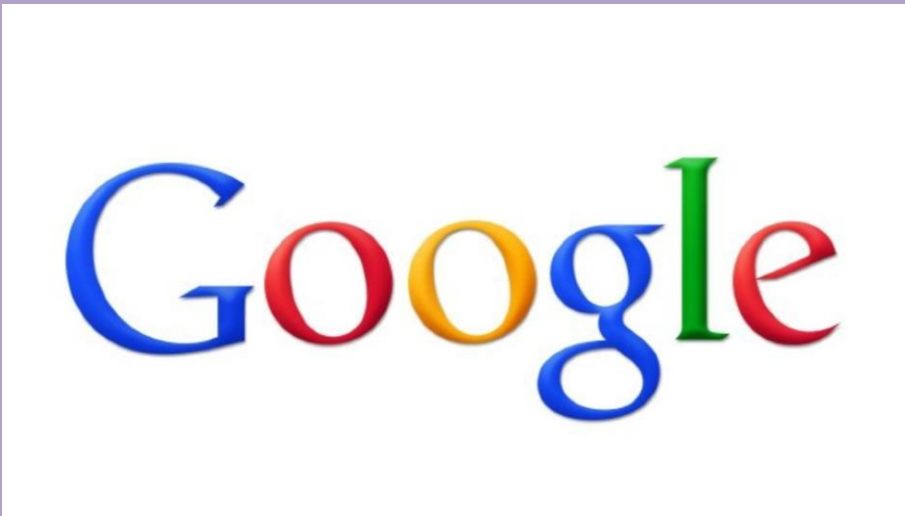
How The Web Works



1. Someone creates a website
2. They load it to a web server computer
3. We must have an Internet connection
4. We can see the websites on a browser

HTML – Hyper Text Markup Language

- The language a website is created in.



To View Google's HTML:

1. Click on the GOOGLE image to the left
2. Right Click when on the Google home page
3. View Page Source
4. To return to this PPT just close out of the browser.

What you see.....

The screenshot shows the Real Salt Lake website with a blue background and a star pattern. The main header features the club's crest, the text "THE OFFICIAL WEB SITE OF REAL SALT LAKE", and a match schedule for "SAT SEP 21 7PM" presented by "xango" and "EarthQuakes". A navigation menu includes links for TICKETS, SCHEDULE, CLUB, NEWS, VIDEO, BLOG, RIO TINTO STADIUM, SUPPORTERS, COMMUNITY, SOCCER DEVELOPMENT, PARTNERS, and SHOP. The main content area is dominated by a large image of a soccer match with the headline "Kings of Cascadia" and the sub-headline "RSL looks to continue Cascadian dominance Friday at Seattle". Below this headline are four buttons: "PREVIEW", "RSL ON NATIONAL TV", "KINGS OF CASCADIA", and "RSL REWIND". To the right, an "UPCOMING MATCHES" table lists three games. At the bottom right, there is a "BIMBO" advertisement featuring the mascot character. The browser's address bar shows "www.realsaltlake.com" and the taskbar at the bottom displays a PDF file named "ComputerTechnolo....pdf".

www.realsaltlake.com

Login Sign Up

MLS NETWORK

THE OFFICIAL WEB SITE OF
REAL SALT LAKE

SAT SEP 21 7PM
PRESENTED BY
xango

EarthQuakes

OPEN UP
NATIONAL

OCTOBER 7:00
RIO TINTO STADIUM

TICKETS SCHEDULE CLUB NEWS VIDEO BLOG RIO TINTO STADIUM SUPPORTERS COMMUNITY SOCCER DEVELOPMENT PARTNERS SHOP

Kings of Cascadia
RSL looks to continue Cascadian dominance Friday at Seattle

PREVIEW RSL ON NATIONAL TV KINGS OF CASCADIA RSL REWIND

UPCOMING MATCHES			
DATE	HOME	AWAY	
Sep. 13 8:00PM MDT	SEA	RSL	NBC Sports ESPN 700
Sep. 21 7:00PM MDT	RSL	SJ	CW30 ESPN 700
Sep. 28 5:00PM MDT	VAN	RSL	Univision CW30

BIMBO
BimboBread.com

ComputerTechnolo....pdf

Show all downloads...

How it is written.....

```
-1000px; left: -1000px;"></iframe>
<div id="skip"></div>
<!-- /skip -->
<div id="globalnav-region"></div>
<!-- /globalnav -->
<div id="bg">
  <div id="header-region" class="container-12"></div>
  <!-- /header-region -->
  <div id="bg_page">
    <div id="bg_page_top">
      <div id="bg_page_btm">
        <div id="page-layout" class="container-12">
          <!-- /subheader -->
          <div id="main" class="container-12">
            <div id="main_content" class="grid-8">
              <!-- /content_top -->
              <div id="content">
                <div id="block-views-news-block_4" class="block clear-block block-views">
                  <div class="block_bg">
                    <div class="block_top">
                      <div class="block_btm">
                        <div class="block_header">
                          </div>
                      <div class="block_body">
                        <div class="view view-news view-id-news view-display-id-block_4 view-dom-id-c373ab1a49e4b27ea71b07263a2f3a32">
                          <div class="view-content">
                            <div id="views_slideshow_thumbnailhover_main_news-block_4" class="views_slideshow_thumbnailhover_main views_slideshow_thumbnailhover_thumbnailhover-processed">
                              <div id="views_slideshow_thumbnailhover_teaser_section_news-block_4" class="views_slideshow_thumbnailhover_teaser_section views_slideshow_teaser_section">
                                <div id="views_slideshow_thumbnailhover_div_news-block_4_0" class="views_slideshow_thumbnailhover_slide views_slideshow_slide views-row-1 views-row-odd" style="position: absolute; top: 0px; left: 0px; display: none; z-index: 4; opacity: 0; width: 620px;"></div>
                                <div id="views_slideshow_thumbnailhover_div_news-block_4_1" class="views_slideshow_thumbnailhover_slide views_slideshow_slide views-row-2 views_slideshow_thumbnailhover_hidden views-row-even" style="position: absolute; top: 0px; left: 0px; display: none; z-index: 4; opacity: 0; width: 620px; height: 19px;"></div>
                                <div id="views_slideshow_thumbnailhover_div_news-block_4_2" class="views_slideshow_thumbnailhover_slide views_slideshow_slide views-row-3 views_slideshow_thumbnailhover_hidden views-row-odd" style="position: absolute; top: 0px; left: 0px; display: block; z-index: 5; opacity: 1; width: 620px; height: 19px;">
                                  <div class="views-field-field-link-primary-image-nid">

```

Important Info

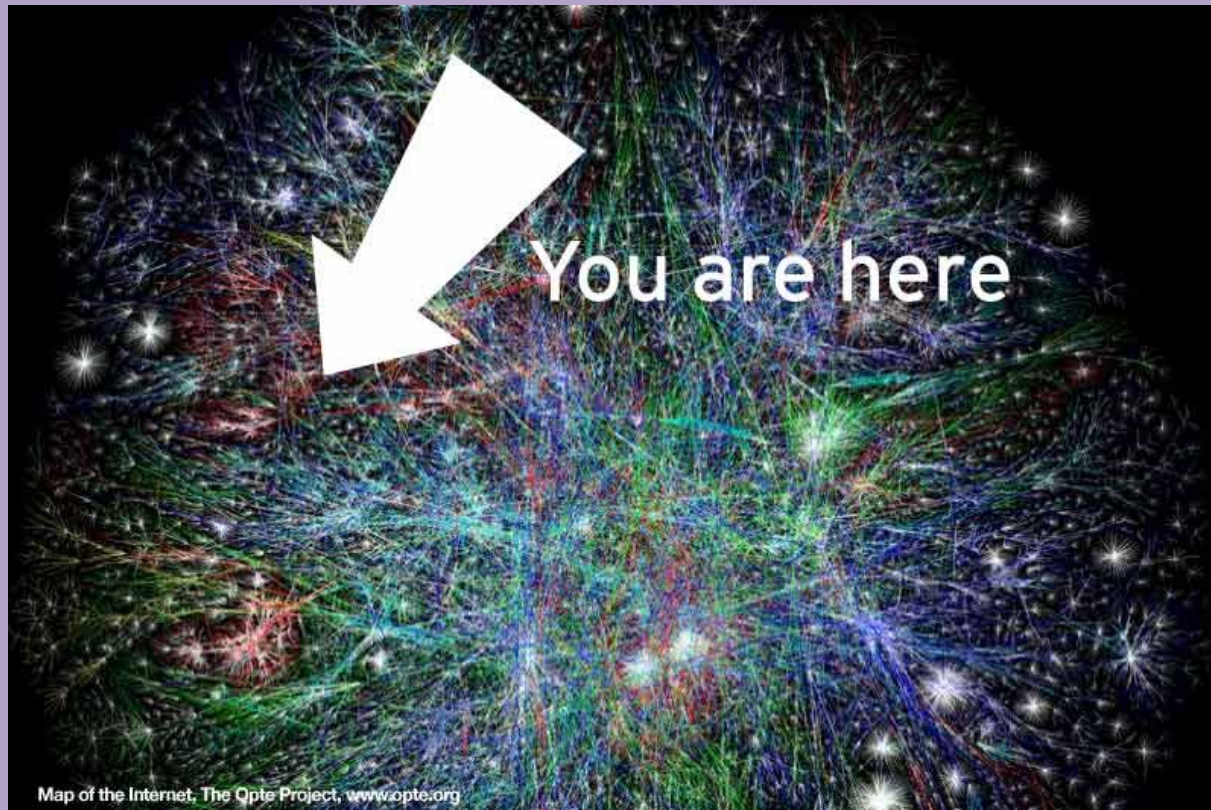
- Home Page: The main page, or table of contents for the website
- Wiki: Allows collaborative editing of its content by all of its users
- Blog: A personal website which individuals give opinions and link to other websites
- Podcasts: A multimedia (usually sound) digital file made available on the internet to download to a portable player (MP3, iPod, etc)

Why you should be a programmer.....

- Average Starting Salary\$72,000
- Starting Salary in Rochester, MN \$114,000
- Starting Salary in Santa Fe, NM \$109,000
- Starting Salary for a Middle School Teacher in Utah \$40,000

Definitions

- *WWW* = World Wide Web
 - A giant web of connections that link us together across the world.



Browser

A software program that allows you to view the Internet.

- You have to have a browser to see the Internet

- **Examples:**

- Google Chrome
- Internet Explorer (I.E.)
- Firefox
- Safari



GOOGLE vs. BING

Search Engines

A website that allows you to search for information using keywords.

- It returns a list of links about the information you searched

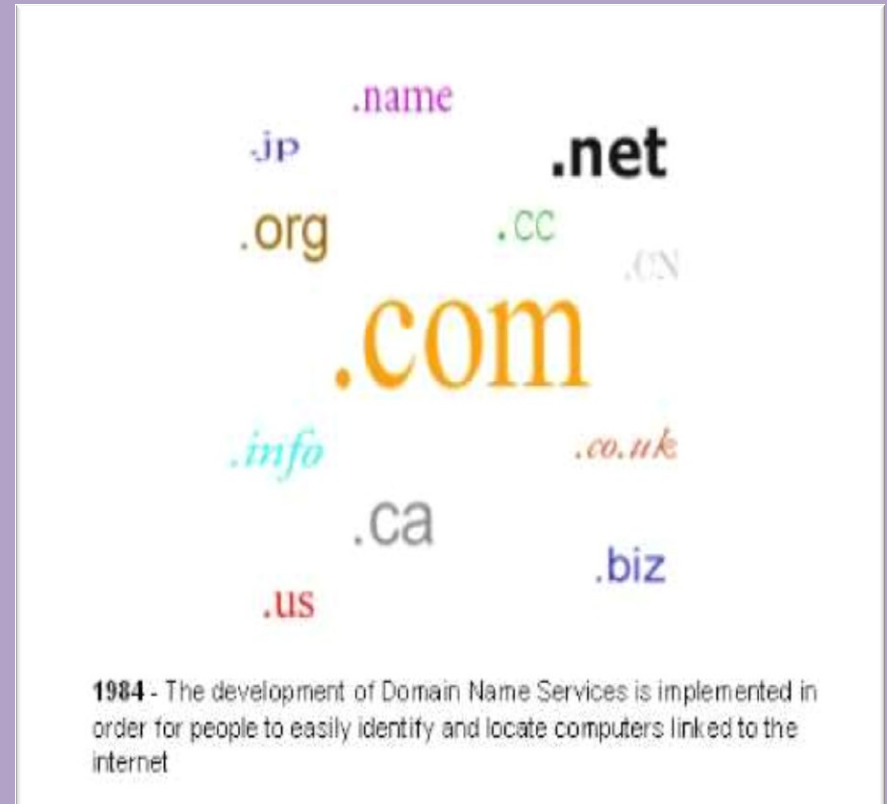
- **Examples:**

- Google
- Bing
- Yahoo
- Ask



Domain Name

- Tells you what type of website you are looking at.
 - There are hundreds of thousands of different domains out there.
 - Most countries have their own domains.



Domain Name Continued.....

Domain

.com = commercial website

.gov = government website

.edu = educational institute

.org = nonprofit organization

.net = network website

Example

www.target.com

www.whitehouse.gov

www.byu.edu

www.redcross.org

www.comcast.net

Cookie

No NOT This!



This!

- Small files on your computer that a website accesses to personalize a website.
 - Next time you log on to that site it may remember your name and other info about you.
 - Be careful about what you do on a public computer.

URL – Uniform Resource Locator

Definition

The address needed to access a web site.

Example

www.facebook.com

NOT

Facebook.com

Hypertext Link (a.k.a. Link)

Definition

- Picture or text when clicked will take you to a new location on a website.



Example:

<http://willowcreek.alpineschools.org/faculty>

- You can see that the words above are underlined, this usually indicates it is a link.
- Click on it and you will be taken to the school faculty website.
- Click on the Wolverine Head (in the top left corner of the website). It is a link back to the home page.

ISP

Definition

- Internet Service Provider
 - A company you pay to hook up the Internet at home, in schools, at a business, in an office, etc.

Examples

The Xfinity logo features the word "xfinity" in a bold, red, lowercase sans-serif font. The "x" is stylized with a diagonal slash. A registered trademark symbol (®) is located at the end of the word.The DIGIS logo consists of the word "DIGIS" in a bold, black, uppercase sans-serif font. Above the text are three concentric, green, curved lines that resemble a signal or Wi-Fi symbol.The CenturyLink logo features a green circular icon on the left, composed of several radiating lines of varying lengths, resembling a sunburst or a stylized globe. To the right of the icon, the word "CenturyLink" is written in a black, sans-serif font, with "Century" in a regular weight and "Link" in a bold weight. A trademark symbol (™) is positioned above the "i" in "Link".

Types of Internet Connections

- Dial-up: Phone Line—Used to take 30 Minutes to download a song, 20+ hours to download a movie
- Broadband (High Speed): Popular internet connection. Usually through a cable that connects to a modem.
- Wireless: 4g LTE, Wireless Broadband connect through satellites and towers set up to receive signal
- WiFi: Allows computers and phones to connect to internet wirelessly

A blue, stylized cloud shape with a thin dark blue outline, centered on a light purple background. Inside the cloud, the text "The CLOUD" is written in white. "The" is in a lowercase, sans-serif font, and "CLOUD" is in a larger, uppercase, sans-serif font.

The
CLOUD

What is it?

- Back in the day, all of your data was stored on your hard drive, discs, CD's and other storage devices
- Now there is a better way. It is stored in a magical place not on your computer, called

THE CLOUD

But, really. What is it?

- It is an *APPLICATION* that is hosted or run on Internet Servers



Which one is best?



2GB Free Space; File Size Limit = Unlimited; **All Platforms**,
Best for: Seamless document streaming



15GB Free Space; File Size Limit = 10GB (Platforms:
Windows, Mac, iOS, Android)
Best for: Storage Space and Web Apps



7 GB Free Space, File Size Limit = 2GB; (Platforms: Windows,
Mac iOS, Android and Windows Phone)
Best for Windows/MS Office Integration



Free Space: 5GB; File Size Limit = 25MB Free/250MB Paid
Platform: OS, iOS, Windows
Best for: Heavy iTunes/Mac Users

Do I use it without even knowing?

- NetFlix
- Hulu
- Pandora
- Spotify
- Facebook Games
- Uploading files in Mr. Assmus' Class

This what happens on the Internet every 60 seconds – The Internet is in EVERY aspect of our lives

