

What a Tangled Web

Episode 2

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What Had Happened Was...?

Dr. Strange Star Benedict Cumberbatch Saves Cyclist From Attack

Do You Even Nerd/Geek?

Most spoken languages on the Web:

1. English
2. Chinese
3. Spanish
4. Japanese
5. Portuguese

Top 3 Web Host Providers in the World:

1. GoDaddy
2. 1&1
3. Amazon Web Services

This browser, whose name can also refer to a piece of art made from an assemblage of small pieces of colored glass, stone, or other materials, is credited as the “killer app” that made the World Wide Web take off: Mosaic

Mosaic > Netscape Navigator > Mozilla Firefox

Largest Internet Service Providers

- | | |
|------------|------------|
| 1. Comcast | 25,869,000 |
| 2. Charter | 23,903,000 |
| 3. AT&T | 15,719,000 |
| 4. Verizon | 6,959,000 |

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5. CenturyLink 5,662,000
 6. Cox 4,880,000

Top Visited Websites (based in US)

1. Google
2. YouTube
3. Facebook
4. Wikipedia
5. Reddit
6. Yahoo
7. Amazon
8. Twitter
9. Instagram
10. Windows Live (software plus services)

Largest Internet Companies (based in the US)

1. Amazon
2. Alphabet Inc. (parent company of Google)
3. Facebook
4. Booking
5. eBay
6. Netflix
7. Expedia
8. Salesforce (cloud computing)
9. Uber
10. Groupon
11. Twitter
12. AirBnB
13. Workday (cloud computing)
14. TripAdvisor

Say What?!?!?

Alondo

World Wide Web background - Earliest implementation of the Internet developed in October 1969 - Only Colleges/Universities/Government, Research entities. Public used Bulletin Boards* - direct connection host computers. Had to know the addresses of the entities and program used. On the Internet - addresses, bulletin boards - phone numbers. Internet became easier in 1985 - DNS*. Sir Tim Berners Lee - used existing hypertext* concept. Jump from site to on Internet - Internet =

connectivity, World Wide Web = Interconnection of content over the internet.

Necessities: application - browser*, dedicated computer - web server*. First web site detailed how World Wide Web worked - August 6, 1991. Ensured technology was free - code available to anyone. June 93 - 130 websites, Jan 96 - 100,000 websites. Latest estimate 1.5 billion websites - 200 million area active.

<http://www.webserver.com/documents/index.html#area>

Hyper Text Transfer Protocol - developed by Tim Berners-Lee - communication method

Computer server - where web information is coming from

Directory on the server - where the data can be found

Document on the server - the actual web page

Area in the document - Reference to a particular area on a web page

“Why do you keep saying everything is so simple? Well, because it is basically. No, honestly... I want you to know that you too can make new programs which create new fun ways of using computers and using the Internet. I want you to realize that, if you can imagine a computer doing something, you can program a computer to do that. Unbounded opportunity... limited only by your imagination.”

- Berners-Lee’s parents both worked on the world’s first commercially-built electronic computer
- First names for World Wide Web: “Information Mesh”, “The Information Mine”, and “Mine of Information”
- Tim Berners-Lee was knighted by Queen Elizabeth in 2004`

Bevan

<http://www.worldwidewebsize.com/>

- The Indexed Web contains **at least 4.52 billion pages** (Sunday, 2 June, 2018).

Web Standards

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- Web standards are the formal, non-proprietary [standards](#) and other technical [specifications](#) that define and describe aspects of the [World Wide Web](#).

Foundations:

- Recommendations for [markup languages](#), such as Hypertext Markup Language ([HTML](#)), Extensible Hypertext Markup Language ([XHTML](#)), and Scalable Vector Graphics ([SVG](#)) from W3C.
- Recommendations for [stylesheets](#), especially Cascading Style Sheets (CSS), from W3C.
- Standards for [ECMAScript](#), more commonly **JavaScript**, from Ecma International.
- [508 Compliance](#) - accessibility for impaired web users
 - Websites should be built with the ability to be accessed with a screen reader.
 - Many visually impaired people, as well as those with cognitive and/or learning disabilities, use screen readers to read aloud the text found on webpages.
 - These screen readers convert digital text into synthesized speech, pairing with documents, spreadsheets, and OS'.
 - It's important to remember that screen readers process text differently than as would sighted users.

[Top Global Stats](#)

Top 5 Web Browsers as of April 2018

1	Chrome 65	29.36%
2	Safari 11	11.08%
3	Chrome 66	5.13%
4	Firefox 59	3.70%
5	IE 11	2.81%

Jennifer

WWW gave us a step above what the internet had to offer. From the internet we received email addresses, from the world wide web...we received websites and a database of more information than one ever imagined possible. Our society has become so enthralled by gizmos, gadgets, and devices that we probably don't stop too often to wonder how we have become so technologically savvy! Here is a list of just a few unique ways the invention of the world wide web has changed us (According to the Washington Post):

https://www.washingtonpost.com/news/arts-and-entertainment/wp/2014/03/12/36-ways-the-web-has-changed-us/?noredirect=on&utm_term=.dfc4812d8f3a

- Multitasking has taken on a new level-the tabs and sites we can visit on our smartphones is endless...however neurologists have found that website based multitasking is wiring our brains differently and making us less productive!
- Dead time doesn't exist anymore! Look on the subway, in line at the grocery store... one survey found that 40 percent of smartphone owners even use their phones in the bathroom...
- We have become our own "doctors"! It is believed that 72 percent of Internet users, turn to the web for health information and 50 percent of doctors do the same!!!!
- Anyone in the world can become instantly famous for things that don't seem quite so remarkable...remember the celebrity who said, Ain't nobody got time for that"? Kimberly "Sweet Brown's" interview after escaping a fire video has been viewed more than 67 million times!
- Watches have transformed into more of a fashion statement than for a functional purpose. Smart watches have taken over and are used to track health and fitness more and more!

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- It is reported that there are about 7,700 languages world wide and of them, only 5 percent have migrated to the world wide web. Some scholars believe the other 95 percent will “die out” entirely over the next 100 years!
 - The list goes on and on but in closing consider this...the World Wide Web has changed us...we sleep less, work less, relax less, and socialize more...engage in glorified hitchhiking (Uber), and thrive on “sharing our location”...anyone can easily build their own website with simple directions online of course. In fact, www.wix.com is just one example of a site that can give you easy steps in building your very own address where people can visit and learn about...well...anything you want them to!
 - Oh what a tangled life we lead through the World Wide Web!

Additional References and Information

[Tim Berners-Lee Answers Questions for Young People](#)

[The World's First Web Site](#)

[Old Web Pages That Still Work 1993-2009](#)

Music

Intro and Outro music - Brasilia by Michael Glass

[See What Had Happened Was - Kutt Calhoun](#)

[Stan' Up An' Fight - Sammy Davis, Jr.](#)

[Tangled Web We Weave - Cinder Red](#)

[Epic Rap Battles: Nerd vs Geek - Rhett & Link](#)

[Ice Cream - Chef Raekwon](#)