

Still Haven't Found What I'm Looking For

Episode 11

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What Had Happened Was...?

[Teen Arrested For Breaking into Home to Retrieve WiFi Password](#)

Do You Even Nerd/Geek?

Geek Battle Game Card

Say What?!?!?

Alondo

- Might remember in our Episode "What a Tangled Web We Weave", internet is the network, world wide web is all the website-related content (files and . As it grew, hard to remember what sites were where.
- Originally, the easiest way to find a site - web directory. Similar to Yellow and White Pages (explain for younger audience). List most sites on the WWW segmented into categories and subcategories. Only identified the home page of a website. This is literally browsing the web.
- Web directories would often become so big they had to be searched themselves. Both the indexing and updating of the web directory was a manual process. Very slow. Websites had to be discovered by creator of the web directory or identified via a submission by the website owner.
- Before the Internet even became public, there were programs that would search all the files on the emerging internet called search engines. Would go

to all the servers and enumerate all the available files into an index. These search engines deploy applications called spiders whose job it is to “crawl” the entirety of the world wide web.

- Spider’s go to the most popular servers and catalog all the words in use and then travels to all the links from those sites and starts the process all over again. The most well-known search engine, Google, was extremely good at increasing the efficiency by using three spiders at once. Could maintain 300 concurrent web-linked connections and index over 100 pages per second.
- Have you heard the term meta? Well, the term comes from something being self-referential (e.g. Deadpool describing his own movie from within his own movie). Website meta keywords or meta tags are words that are specifically used to summarize the information on a web page. When spiders go out over the web, these keywords get special consideration.
- When setting up a website, make these keywords meaningful. This is part of Search Engine Optimization, or SEO. Sites show up higher on search engine results if they have good meta information, have a lot of visitors, and have lots of links to them. Conversely, a website administrator can set pages so that they won’t be crawled (e.g., a page identifying a product to be unveiled on a particular launch date).
- The results collected by these search engines can be searched in pretty cool ways. Quick example: site:www.walmart.com zebra -pen

Bevan

[5 Things You Should Never Should Never Search on Google](#)

Jennifer

[The Oatmeal](#)

[Bored Panda](#)

[Ted Talks](#)

[VSauce - Videos That Feed the Curious and Illuminate the Amazing](#)

[Buzzfeed](#)

[FailBlog](#)

[Reddit - The Front Page of the Internet](#)

[StumbleUpon](#)

Other References

[How Internet Search Engines Work](#)

[Near-free Virtual Private Networking \(Now costs \\$3.33 / month\)](#)

Note: Be careful using totally free software since they are probably offsetting costs by selling your information.

Music

Intro and Outro music - Brasilia by Michael Glass

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

[Wifi - D.R.A.M. featuring Erykah Badu](#)

[Still Haven't Found What I'm Looking For - U2](#)