



Google Dorking | TryHackCIT 2020
Ben Eriksson | 27.07.2020

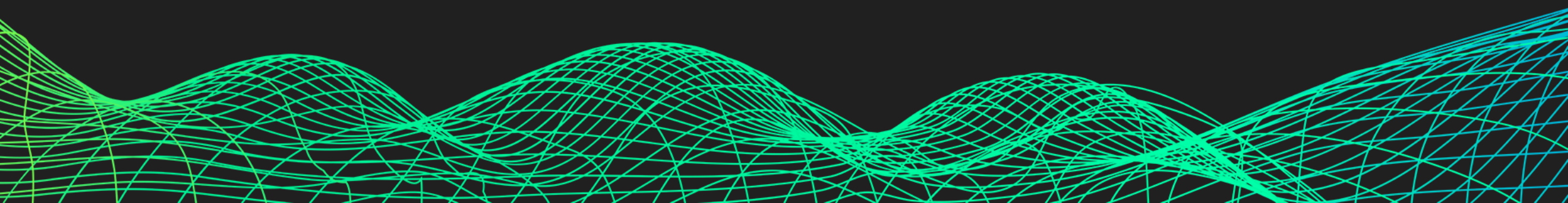


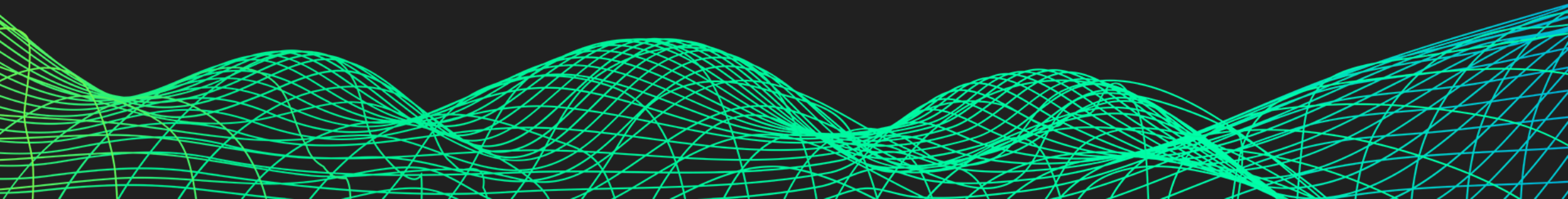
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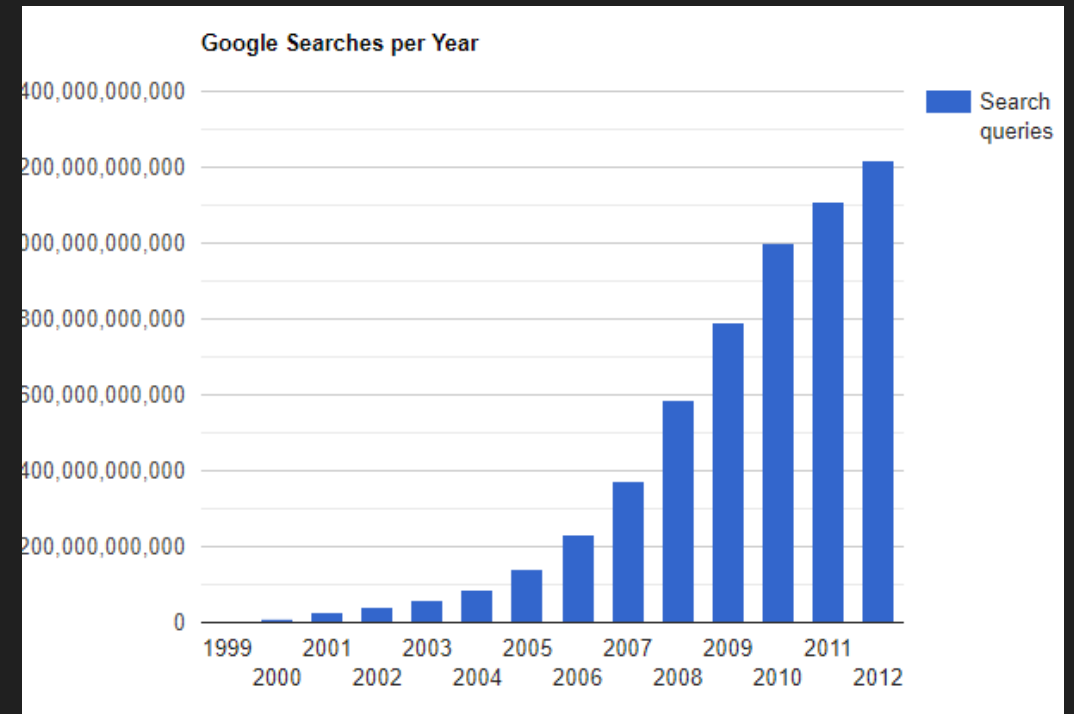
Search Engines

Exploring the algorithms that power the Internet.



Why Google?

- 3.5 Billion Searches every day
- Over 850TB of data alone as of 2012
- We can search smarter, not harder.
- Would you rather Ask Jeeves?



(Internet Live Stats., 2020)

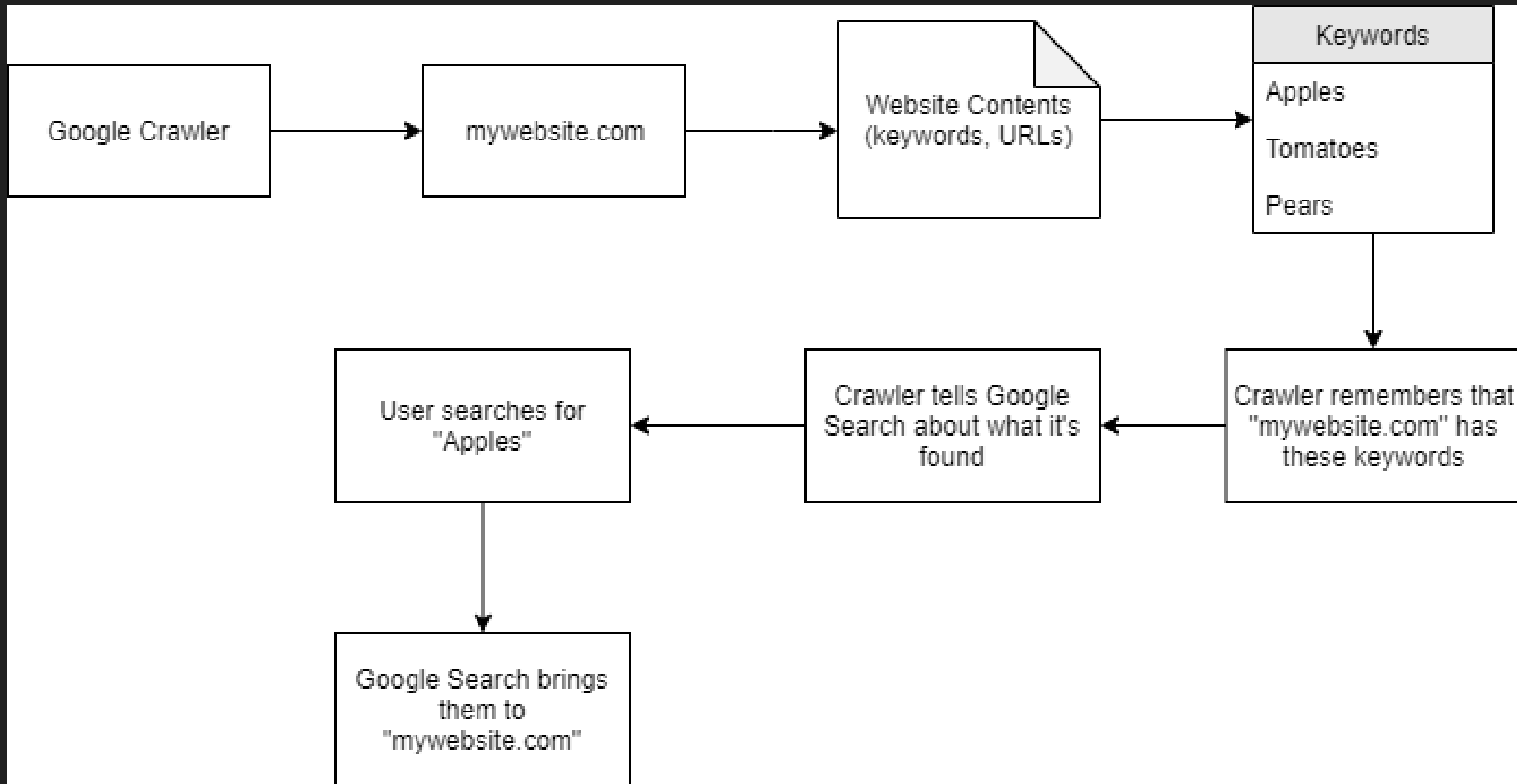


Discovering new Content - Crawlers

- Crawlers:
 - Are also known as Spiders – they crawl the web.
 - Discover content strewn across the Internet by crawling sites.
 - Travel between websites through shared URLs.
 - Look for keywords on a web page that someone might use as a search query



The standard crawling process:

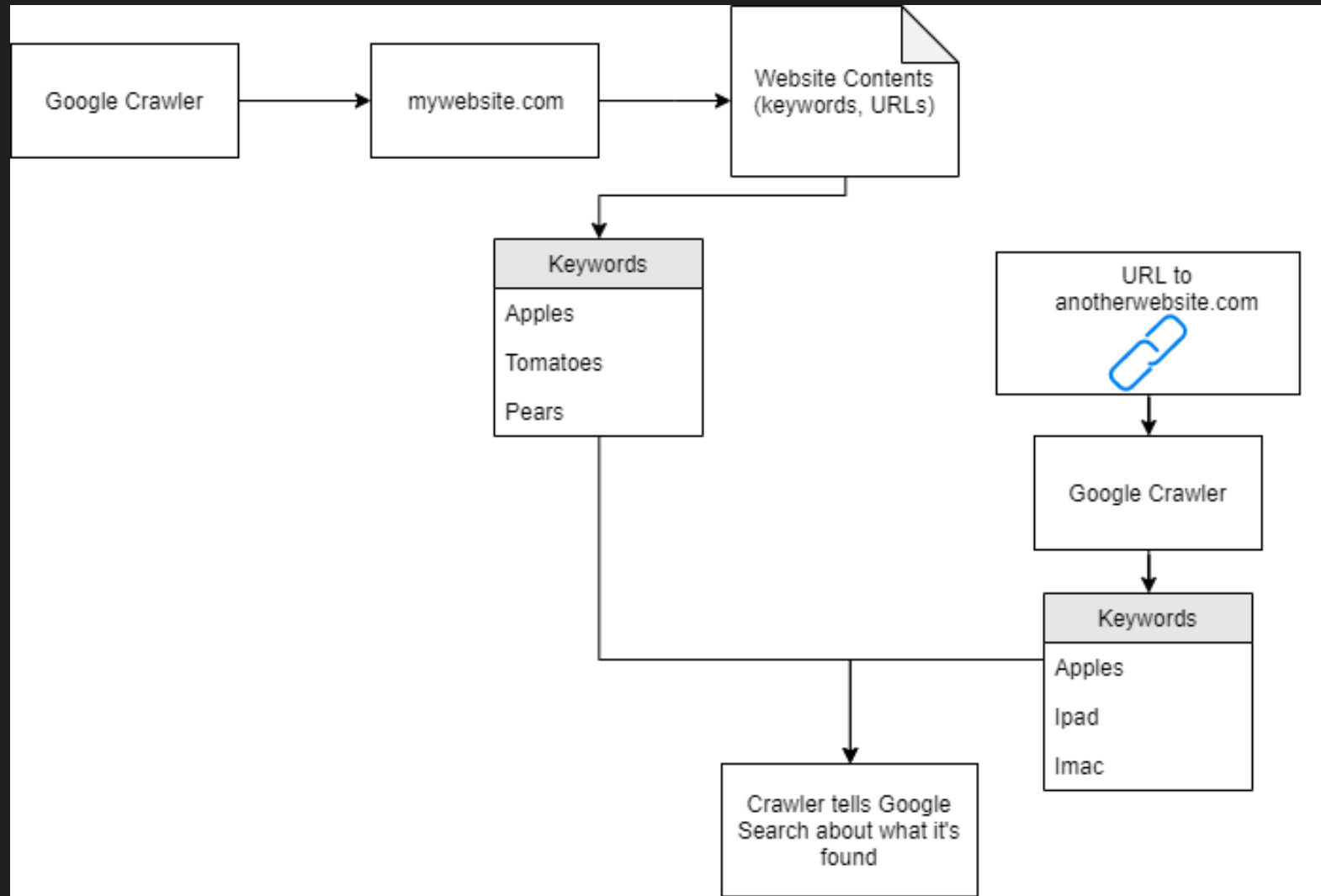


Keywords for *Mywebsite.com*

| Keyword |
|----------|
| Apples |
| Tomatoes |
| Pears |

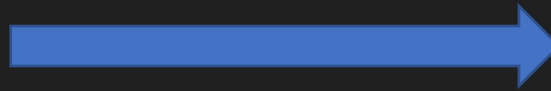


Crawling multiple websites:



Keywords for *Mywebsite.com*

| Keyword |
|----------|
| Apples |
| Tomatoes |
| Pears |



Keywords for *anotherwebsite.com*

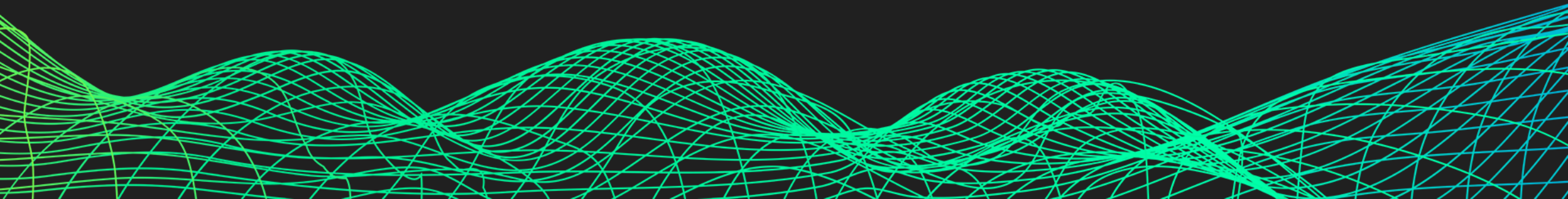
| Keyword |
|---------|
| Iphone |
| Ipad |
| Imac |

Anotherwebsite.com was discovered through Mywebsite.com



Google Dorking

Or Googling Google.



Google Dorking

- Allows us to use specific keywords to discover harder to find sites
- Allows us to search websites by date and time
- Allows us to search by file types, authors or contents of files



Practical

<https://tryhackme.com/jr/googledorkingcit>

