WHY DO WHALES JUMP
WHY ARE WITCHES GREEN
WHY ARE THERE MIRRORS ABOVE BEDS
WHY DO I SAY UH
WHY IS SEA SALT BETTER
WHY ARE THERE TREES IN THE MIDDLE OF FIELDS
WHY IS THERE NOT A POKEMON MMO
WHY IS THERE LAUGHING IN TV SHOWS
WHY ARE THERE THINGS ON THE FREEWAY
WHY ARE THERE SO MANY SNOWBIRDS RUNNING
WHY AREN'T THERE ANY COUNTRIES IN ANTARCTICA
WHY ARE THERE SCARY SOUNDS IN MINECRAFT
WHY IS THERE KICKING IN MY STOMACH
WHY ARE THERE TWO SLASHES AFTER HTTP
WHY ARE THERE CELEBRITIES
WHY DO SNAKES EXIST
WHY DO OYSTERS HAVE PEARLS
WHY ARE DUCKS CALLED DUCKS
WHY DO THEY CALL IT THE CLAP
WHY ARE KYLE AND CARTMAN FRIENDS
WHY IS THERE AN ARROW ON AANG'S HEAD
WHY ARE TEXT MESSAGES BLUE
WHY ARE THERE MUSTACHES ON CLOTHES
WHY ARE THERE MUSTACHES ON CARS
WHY ARE THERE MUSTACHES EVERYWHERE
WHY ARE THERE SO MANY BIRDS IN OHIO
WHY IS THERE SO MUCH RAIN IN OHIO
WHY IS OHIO WEATHER SO WEIRD
WHY ARE THERE MALE AND FEMALE BIKES

WHY AREN'T THERE DINOSAUR GHOSTS

WHY ARE THERE BRIDESMAIDS
WHY DO DYING PEOPLE REACH UP
WHY ARE THERE VAMPIRES
WHY ARE OLD RUNGONE DIFFERENT
WHY ARE THERE SQUIRRELS
WHY IS THERE HELL IN OHIO

WHY ARE THERE TINY SPIDERS IN MY HOUSE
WHY DO SPIDERS COME INSIDE
WHY ARE THERE HUGE SPIDERS IN MY HOUSE
WHY ARE THERE LOTS OF SPIDERS IN MY HOUSE
WHY ARE THERE SPIDERS IN MY ROOM
WHY ARE THERE SO MANY SPIDERS IN MY ROOM
WHY DO SPIDER BITES ITCH
WHY IS DYING SO SCARY

WHY IS PROGRAMMING SO HARD
WHY IS THERE A DRM MONITOR
WHY DO AMERICANS HATE SOCCER
WHY DO RHYMES SOUND GOOD
WHY DO TREES DIE
WHY IS THERE NO GOD IN LAPTOPS
WHY IS THERE A JAVA UPDATE
WHY IS THERE POKEMON RUN
WHY AREN'T BULLETS SHARP
WHY DO DREAMS SEEM SO REAL

WHY ARE THERE NO GPS IN LAPTOPS
WHY DO KNEES CLICK
WHY AREN'T THERE E GRADES
WHY IS ISOLATION BAD
WHY DO BOYS LIKE ME
WHY DON'T BOYS LIKE ME
WHY ARE THERE RED DOTS ON MY THIGHS
WHY IS LYING GOOD

WHY IS SEX SO IMPORTANT

WHY DO TESTICLES MOVE
WHY DO MEN HAVE PSYCHICS
WHY ARE HATS SO EXPENSIVE
WHY IS THERE CAFFEINE IN MY SHAMPOO
WHY DO YOUR BOOBS HURT

WHY DO IGUANAS DIE

WHY DO TWINS HAVE DIFFERENT FINGERPRINTS
WHY ARE AMERICANS AFRAID OF DRAGONS

WHY ARE THERE SLAVES IN THE BIBLE

WHY IS HTTPS CROSSED OUT IN RED
WHY IS THERE A LINE THROUGH HTTPS
WHY IS THERE A RED LINE THROUGH HTTPS ON FACEBOOK

WHY IS HTTPS IMPORTANT

WHY ARE THERE WEEKS
WHY DO I FEEL DIZZY

QUESTIONS
FOUND IN GOOGLE AUTOCOMPLETE

WHY AREN'T MY ARMS GROWING

WHY AREN'T ECONOMISTS RICH
WHY DO AMERICANS CALL IT SOCCER
WHY ARE MY EARS RINGING
WHY ARE THERE SO MANY AVENGERS
WHY ARE THE AVENGERS FIGHTING THE X MEN
WHY IS WOLVERINE NOT IN THE AVENGERS

WHY IS THERE LAVA

WHY ARE THERE GUNS IN DINER
WHY IS THERE PHLEGM

WHY ARE THERE SO MANY CROWS IN ROCHESTER, MN
WHY IS PSYCHIC WEAK TO BUG
WHY DO CHILDREN GET CANCER
WHY IS POSEIDON ANGRY WITH ODYSSEUS
WHY IS THERE ICE IN SPACE

WHY ARE THERE ANTS IN MY LAPTOP

WHY IS EARTH TILTED
WHY IS SPACE BLACK
WHY IS OUTER SPACE SO COLD
WHY ARE THERE MARKINGS ON THE MOON
WHY IS NASA SHUTTING DOWN

WHY ARE THERE FEMALE MR MIMES

WHY ARE THERE GHOSTS

WHY IS THERE AN OWL IN MY BACKYARD
WHY IS THERE AN OWL OUTSIDE MY WINDOW
WHY IS THERE AN OWL ON THE DOLLAR BILL
WHY DO OWLS ATTACK PEOPLE
WHY ARE AK 47s SO EXPENSIVE
WHY ARE THERE HELICOPTERS CIRCLING MY HOUSE
WHY ARE MY BOOBS ITCHY
WHY ARE CIGARETTES LEGAL
WHY ARE THERE TWO SPOOKS
WHY ARE THERE DUCKS IN MY POOL
WHY IS JESUS WHITE
WHY IS THERE LIQUID IN MY EAR
WHY DO Q TIPS FEEL GOOD
WHY DO GOOD PEOPLE DIE

WHY IS MT VESUVIUS THERE
WHY DO THEY SAY T MINUS
WHY ARE THERE OBELISKS
WHY ARE WRESTLERS ALWAYS WET
WHY ARE OCEANS BECOMING MORE ACIDIC
WHY IS ARWEN DYING
WHY AREN'T MY QUAIL LAYING EGGS
WHY AREN'T MY QUAIL EGGS HATCHING
WHY AREN'T THERE ANY FOREIGN MILITARY BASES IN AMERICA

WHY IS LIE SO BORING

WHY AREN'T THERE GUNS IN HARRY POTTER

WHY ARE ULTRASOUNDS IMPORTANT
WHY ARE RUSSIANS PSYCHING EVERYONE
WHY IS STEALING WRONG

WHY ARE DOGS AFRAID OF FIREWORKS
WHY IS THERE NO KING IN ENGLAND

www.xkcd.com/1256

Googling

CLECAT Club
10/16/2023
Susan Hanna

Before I Forget...
Upcoming CLECAT Club topics:

- October 30: Rick Hearn will talk about solar panels, rates, and storage.
- November 13: Bob Newcomb presenting what's new with Apple
- December 4: Paul Herrick on upgrading to Windows 11

"Googling"

- At least 3 different Googles
  - A search bar in Chrome or other browsers
  - Google.com
  - Google search on your phone

"Googling" Topics

- ➤ Basic searching with Google
- ➤ Quick answers
- ➤ Narrowing/Expanding the Results
- ➤ Searching for a Website
- ➤ Beyond the Basics of Google Search
- ➤ Searching on YouTube
- ➤ Extras: Fun Stuff, How Google Works, Other Search Tools

➤ **Basic Searching with Google**

- Searching on Google usually starts with entering a *query.*
- A *query* is the set of words you type into the search box to tell Google what you want to find.
  - In this presentation, queries are in []
- Once you enter a query and get results, you can consider whether you want to focus the results in some way.

Basic Searching

- You can type or speak your query
  - Add punctuation by saying the word ("period," "comma," "exclamation point," "colon")
  - "Quote" or "quotation mark" probably does not work.
- Let Google suggest additional search terms (autocomplete)

Basic Searching

- Basic Search Strategies (GCFLearnFree, 2013, 3:35)
  - https://youtu.be/7RlB1CJovTs

- Changes since 2013
  - Ads are now described as "Sponsored"
  - The "Web" tab is now called "All", and only appears after you've selected a different tab

Basic Searching

- What do you get?
  - Title
  - URL
  - "Snippet" (with matching words in bold)
  - Links to other topics in the web site
  - "People also ask" (related queries)
  - Knowledge panel

Let's look at the results for the query [salmon]

query

featured snippet

related queries

knowledge panel

title

URL
(with option for "cached"
and info about the site)

snippet

links

salmon - Google Search

google.com/search?q=salmon&newwindow=1&sca_esv=573664867&ei=Sn8sZebdPP37kPIP1LGk6AE&ved=0ahUKEwjmqtjKo_mBAx...

Suggested Sites   Imported From IE   Nanotech   Bookmarks   from YouTube S...   VOB to MP4 - Conv...   Free Icons - Full List...   All Bookmarks

Google

salmon

Images   Videos   Shopping   Fish   Nutrition   Pronunciation   Recipes   Air fryer   Color

All filters ▾   Tools   SafeSearch ▾

About 985,000,000 results (0.39 seconds)

1. : any of various large food and game fishes that are related to the trouts, have reddish or pinkish flesh, live in oceans or large lakes, and swim up rivers or streams to deposit or fertilize eggs: as. a. : one of the northern Atlantic that does not die after breeding. called also Atlantic salmon. Oct 7, 2023

Merriam-Webster
https://www.merriam-webster.com › dictionary › salmon

Salmon Definition & Meaning - Merriam-Webster

About featured snippets • ⚑ Feedback

People also ask

Is salmon good for you or bad for you?

What is healthiest salmon to eat?

Can I eat salmon everyday?

What is the best way to cook salmon?

Feedback

Wikipedia
https://en.wikipedia.org › wiki › Salmon

Salmon

Salmon is the common name for several commercially important species of euryhaline ray-finned fish from the genera Salmo and Oncorhynchus of the family ...

Atlantic salmon · Salmon run · Chinook salmon · Sockeye salmon

Salmon
Fish ⋮

Salmon is the common name for several commercially important species of euryhaline ray-finned fish from the genera Salmo and Oncorhynchus of the family Salmonidae, native to tributaries of the North Atlantic and North Pacific basins. Wikipedia

Mass: Atlantic salmon: 8 – 12 lbs, Sockeye salmon: 9.3 lbs, MORE Encyclopedia of Life

Medium rare temp: 110° to 125°F seriouseats.com

Class: Actinopterygii

Domain: Eukaryota

Family: Salmonidae

Kingdom: Animalia

Health effects
Is salmon good for you

Basic Searching

- Keep it simple: avoid extraneous words
- Choosing the right words
  - Think about what you're trying to find
  - Choose the words you'd like to see in your results
  - Avoid extra words
  - Look at the results and refine the words
    - [I want some fried chicken]
    - [salmon] vs [salmon recipes] vs [fried salmon recipes]

Basic Searching

- Words matter
  - [who] vs. [a who] vs. [the who]
- Word order matters
  - [fried chicken] vs. [chicken fried]
  - [blue sky] vs. [sky blue]
- Capitalization and spelling don't matter
  - [brittany speers] will show results for [britney spears]
    - What if you really meant "brittany speers"?

Basic Searching

- Special characters are often ignored
  - § ¶ ¥ £ € © ® ≅ ≠ √
- A few characters are significant
  - [C++], [#hashtag], [$400], [33%]
  - [camera $100..$500]
- Many words are ignored: articles, pronouns, prepositions, "where" or "how"

➢ Quick Answers

Using Google as a spell checker
- Type in your best guess for the spelling and it will respond "Showing results for xxx" with the correct spelling.
- Speak the word that you want to spell and see what turns up in the query field.

Quick Answers

- **[DEFINE]** will give the meaning and pronunciation of words—slang included
- **[ETYMOLOGY]** gives the origin and history of words
- **[PRONOUNCE]** will pronounce a word for you (often in either British or US pronunciation)
- (May need to have a colon after the command)

Quick Answers

Use [WEATHER] to find out the weather in a location

- [weather] vs [weather phoenix] vs [weather 32207]

Quick Answers

- **Google does math!**
  - Arithmetic: + − * /
  - Exponent: ^ or **
  - Percent: % of
  - Advanced math: trig functions, logarithms, exponential, factorial

  - [tip on amount]
  - [number in binary] or [roman numeral in decimal] or [number in words]

Quick Answers

- **Unit conversions:** [3 dollars in euros]
- **Sports:** Search for the name of your team to see a schedule, game scores and more
  - [Anaheim ducks]
- **Quick facts:** Search for the name of a celebrity, location, movie, or song
  - [Movie: Exorcist] can give you local show times

Quick Answers

- **[Capital of** *place*]
- **[Flight number]** or [*Delta 910*]
- **[Time in** *place name*]
- **[Population of** *place name*]
- **[Sunrise], [sunset]**
- **[Translate** *word* **to** *language*]
  - or [*word* in *language*] e.g. [mouse in Russian]

Quick Answers

- Package tracking numbers
- Zip codes
- ISBN
- VIN
- Phone numbers (businesses)
  - [*company name* customer service]
- Stock prices from ticker symbols: [aapl], [googl]

➢ Narrowing the Results

"Search is not just about doing a single query and getting a simple answer. It's often about doing research. It's often about trying to take the different pieces of information and putting them together so you can understand the concept more completely."

-- Dan Russell, Google

Narrowing the Results

- Google Search Tips: Advanced Tutorial
  - https://youtu.be/f_Y386Thr04 (2020, 7:40)

  - Article mentioned in video: https://ahrefs.com/blog/google-advanced-search-operators/ (updated 2023)

Narrowing the Results

Add key words
- Be more specific: [Anaheim ducks] instead of just [ducks]

Narrowing the Results

Narrow the time frame

- What if you want to know about the Ducks in 2007?
  - [Anaheim Ducks]
  - Select "Search tools" and the drop-down list for "Any time"
  - Select "Custom range" and enter 2007-2007
- But this is different from
  - [Anaheim Ducks date:2007]
  - [Anaheim Ducks 2007]

Narrowing the Results

Use quotes to search for an exact phrase or a required word

- Is ["how now brown cow"] different from [how now brown cow]?
- ["why did the chicken cross the road"]
- [maytag washer manual "mvwb765fw"]

Narrowing the Results

Find it on a particular website
- [ducks] vs [ducks site:www.nhl.com]

or domain
- .gov, .edu, .com, .mil, …
- [olympics] vs [olympics site:.gov]

Narrowing the Results

[Filetype:]

- PDF (document images)
- DOC, DOCX (Word documents)
- PPT, PPTX (PowerPoint)
- TXT (Text)
- CSV (Comma-separated Values)
  - [filetype:csv tax rate site:nj.gov]
- DAT (Data)
- KML (Google Earth)
  - [filetype:kml lewis and clark expedition]

Narrowing the Results

Categories of results (tabs at top of screen)
Note: these vary depending on your search

- All (default, shows web pages)
- Images
  - Filter images by color or B/W, time, rights
- Videos (often contains "How To")
- News
- Maps
- Shopping
- More…

Narrowing the Results

Use the minus sign to eliminate irrelevant results

- Can use multiple minus filters
  - [salsa –dancing –tomatoes]
- [salmon –food]

Narrowing the Results

Force inclusion of a word
- Intext: force the inclusion of a term in the page (used to be +)
- Intitle: search for words in a page title only
- Allintitle: title must contain all words

Narrowing the Results

Combine two searches into one with "OR"

- Must be capitalized (or so they say)
  - [chicken]
  - [chicken "rhode island red"]
  - [chicken "bantam"]
  - [chicken "rhode island red" "bantam"]
  - [chicken "rhode island red" OR "bantam"]

Narrowing the Results

Advanced Search function: gear icon
- an alternative to quote marks, OR, minus, number range, site:, filetype:, intext:, intitle:

SafeSearch: gear icon

➢ **Expanding the Results**

Use an asterisk within quotes to specify unknown or variable words.

- Couldn't make out all the lyrics?
  - ["imagine all the * living for today"])
- All forms of an expression
  - ["why did the * cross the *"]

➢ **Searching for a Website**

Type the name of the website you want to find

- [nytimes], [new york times]
  - www.nytimes.com, "Latest from nytimes.com", nytimes on YouTube, and more
- [olli]
  - OLLI CSUF (olli.fullerton.edu), OLLI at UCI (https://ce.uci.edu/olli/), etc.

Beyond the Basics

Searching for Images
- Options: size (resolution), color (black and white will often give documents), usage rights

Search for images using images
- If you save the image (or copy its URL) and then search it on Google Images (with the camera button), you'll be able to see similar images on the web.

Beyond the Basics

- **info:** Get information about a website or page
  [info:www.foodnetwork.com]

- Or, you can search specifically for the info
  - **cache**: See what a page looked like the last time Google crawled the site.
    - [cache:washington.edu]
  - **link**: Find pages that link to a certain page
    - [link:google.com]
  - **related**: Find sites that are similar
    - [related:time.com]

➢ **Searching on YouTube**

- 10 Simple Tricks to Search YouTube Like a Pro! https://youtu.be/sCddrLwH-fc (2017, 7:24)

Searching on YouTube

- Basic search
  - Go to YouTube and enter your query in the search field.

- Search within a site
  - Bring up the site.
  - Click on the magnifying glass and type your query.

Searching on YouTube

- Let YouTube suggest additional search terms (autofill)
- Use the minus sign to eliminate irrelevant results
- Use quotes to search for an exact phrase or a required word
- Wildcard search: Use an asterisk to specify unknown or variable words.

Searching on YouTube

- [intitle: *keyword*] to find the keyword only in the title, not the description
- [*keyword*, channel] if you can't recall the channel's full name
- [*channel*, playlist] to watch several videos back-to-back

Searching on YouTube

- Video format
  - [*keyword*, 360] to find videos that can be watched in 360° format.
  - [*keyword*, 3D] to watch 3D videos.
  - [*keyword*, VR] for Virtual Reality content.
- Video length
  - [*keyword*, short] to find videos that are less than 4 minutes long.
  - [*keyword*, long] for videos more than 20 minutes long.

Searching on YouTube

- Use filters to refine your search results
  - Do your search, then select the Filters icon on the line below the search and select Upload Date, Type, Duration, Features, and Sort criteria

➢ Extras: Fun Stuff on Google

- **[askew]**
- **[do a barrel roll]**
- **[flip a coin]** or **[heads or tails]**
- **[Halloween]** and click on the ghost icon
- **[meteorite]**

Wikipedia: "List of Google Easter Eggs"

Extras: How Google Works

- How Google Search Works (in 5 minutes)
    - https://youtu.be/0eKVizvYSUQ (2020, 5:15)
- The Internet: How Search Works (2017, 5:12)
    - https://youtu.be/LVV_93mBfSU

Extras: Other Google sites

- Google Scholar
- Google Patents
- Google Books
  - Ngram Viewer: frequency of words or phrases over time: https://youtu.be/DTeI7YD0vsg (2023, 2:45)

Extras: Other Google sites

- Google Translate
  - Inside Google Translate (2010,2:24)
    https://youtu.be/_GdSC1Z1Kzs
  - Google Translate vs. "La Bamba" (2015, 1:40)
    https://youtu.be/06olHmcJjS0
  - Google Translate Sings: "The Sound of Silence" Twisted Translations (2019, 4:07)
    https://youtu.be/ccYpEv4APec

Extras: WAY Beyond the Basics

- If you want to find search terms that are *near* each other on a website
  - [*term* **AROUND(n)** *term*]
    - ("n" is the number of words near the search terms.)
    - ["Jerry Brown" AROUND(3) "Tea Party"] will show you all the websites where the phrase "Jerry Brown" was mentioned within three words of "Tea Party."

Extras: WAY Beyond the Basics

- Other Search Engines
  - Copyright-free content: Openverse (https://openverse.org/)
- Bing.com, yahoo.com, DuckDuckGo, Startpage, Swisscows
- Wayback Machine

21 Great Search Engines You Can Use Instead of Google
https://www.searchenginejournal.com/alternative-search-engines/271409/#close

Extras: WAY Beyond the Basics

- How to clear Google Search History
  - https://youtu.be/OSgqTmuHIWY

Questions?

Thank You!