

Essential Tech Info & Skills

Someone should have already taught you this!

R. Scott Granneman & Jans Carton

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Slides

[granneman.com/downloads/web-dev/
Essential-Tech-Info-Skills.pdf](http://granneman.com/downloads/web-dev/Essential-Tech-Info-Skills.pdf)

chnsa.ws/tech-info-slides



Notes

[granneman.com/downloads/web-dev/
Essential-Tech-Info-Skills.txt](http://granneman.com/downloads/web-dev/Essential-Tech-Info-Skills.txt)

chnsa.ws/tech-info-notes



All of my presentations

granneman.com/presentations/all-presentations

chnsa.ws/all-presentations

KNOW THE
TECH
RULES



Lazy is *good*

AUTOMATE



ALL THE THINGS!

Learn key commands for your operating system & the apps you use most

		
Save	⌘S	Ctrl+S
Cut	⌘X	Ctrl+X
Copy	⌘C	Ctrl+C
Paste	⌘V	Ctrl+V
Find	⌘F	Ctrl+F
Find Next	⌘G	Ctrl+G/Shift+F4
Open Tab	⌘T	Ctrl+T
Close Tab	⌘W	Ctrl+W
Quit App	⌘Q	Alt+F4



"He's using software you're very familiar with,
but he doesn't know a single hotkey."

By Zach Weinersmith,
Sunday Morning Breakfast
Cereal

A close-up photograph of a person's hands writing in a notebook. The person is wearing a dark red, ribbed long-sleeved shirt. Their left hand, with light-colored nail polish and a thin gold ring on the ring finger, rests on the left page of the open notebook. Their right hand holds a yellow pencil, poised to write on the right page. The notebook has lined pages. The text "Take Notes" is overlaid in the center of the image in a large, black, serif font.

Take Notes

I am not talking here about class notes

I am instead focusing on your personal knowledge
database

If you use Dropbox, Box, iCloud, Google Drive, or OneDrive, create a folder there called *Notes*; otherwise, put it in Documents

Keep all of your notes in that folder (create a folder called *Media* in *Notes*, & create sub-folders in *Media* for non-note files, e.g., images, PDFs)

Notes should only be `.txt` or `.md` files (I use `.md` — which means Markdown)

Avoid apps that lock up your notes in a proprietary format (e.g., non-plain text) or in a database

For more on Markdown, see my presentation called *Markdown* on the *All Presentations* page on granneman.com

Each note should be about *one* topic, idea, concept, or process

Keep your notes focused

Name your notes using a pseudo-hierarchy:

Personal - Home - Cleaning.md

Personal - Home - Subscriptions.md

Personal - Movies - Marx Brothers.md

Personal - Movies - Owned.md

Personal - Movies - To Watch.md

Teaching - Web Dev - CSS Variables.md

Tech - Mac - Folder Actions.md

Tech - Web Dev - Inspector - Chrome.md

Tech - Web Dev - Inspector - Safari.md

A second brain, for you, forever.

Obsidian is a powerful **knowledge base** on top of
a **local folder** of plain text Markdown files.

Get Obsidian for macOS

Version 0.13.23

Also available for [Windows](#), [Linux \(AppImage\)](#), [Linux \(Snap\)](#), and [Linux \(Flatpak\)](#). [More platforms.](#)



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Writing - Citatio...

📄 Release Note...

📄 Release Note...

Teaching - Gradi...

Mac Installation ...

+

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📄

Mac Installation - Finder

📖

⋮

1

Back to [[Mac Installation - TOC.md]]

2

3

* [Finder]

4

* [ForkLift]

5

* [Path Finder]

6

7

Finder & others

8

9

Finder

10

11

Get rid of unified title bar/toolbar & hidden proxy icons & go back to the pre-Big Sur way:

12

13

defaults write http://com.apple.finder
NSWindowSupportsAutomaticInlineTitle -bool false

14

15

killall Finder

16

875 words 6496 characters 2 backlinks </>

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Writing - Citation ...📌

Release Notes ...✕

Release Notes ...✕

Teaching - Gradin...✕

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🔍

Search community plugins...

⌄

✕

📖

⋮

Show installed only

Showing 988 plugins:

Excalidraw

By Zsolt Viczian

🔗 843,995

Updated 4 days ago

Edit and view Excalidraw drawings.

Dataview

By Michael Brennan

🔗 807,592

Updated 21 days ago

Advanced queries over your vault for the data-obsessed.

Advanced Tables

By Tony Grosinger

🔗 788,917

Updated 6 months ago

Improved table navigation, formatting, and manipulation.

INSTALLED

Kanban

By mgmeyers

🔗 685,883

Updated a month ago

Create Markdown-backed Kanban boards in Obsidian.

INSTALLED

Calendar

By Liam Cain

🔗 632,466

Updated 2 years ago

Simple calendar widget for Obsidian.

Advanced Slides

By MSzturc

🔗 541,152

Updated 4 months ago

Create Markdown-based presentations in Obsidian.

INSTALLED

Templater

By SilentVoid

🔗 523,762

Updated 7 months ago

Create and use templates.

Tasks

By Martin Schenck and Clare Macrae

🔗 484,364

Updated 8 days ago

Task management for Obsidian

Outliner

By Viacheslav Slinko

🔗 478,286

Updated a month ago

Work with your lists like in Workflowy or Beam Research

INSTALLED

Obsidian Git

By Vinzent, (Denis Olehov)

🔗 456,764

Updated 3 days ago

Backup your vault with Git

Admonition

By Jeremy Valentine

🔗 406,934

Updated a month ago

Admonition block-styled content for Obsidian

Style Settings

By mgmeyers

🔗 404,196

Updated 11 days ago

Offers controls for adjusting theme, plugins, and more.

INSTALLED

Mac Installation - Software to Install - S...

212

Ioannidou, Elena, and Arigera Ralli, Ileana Neokleous, and Marios Andreou. "Greek in Enclave Communities: Language Maintenance of the Vari...

in Cyprus and Crete, Greece in Cyprus, Turkey" *14

14 words 100 characters 0 backlinks </>

We don't charge based on features or usage.
Only pay if you use Obsidian commercially.

Personal use

Free

Free forever

Download Obsidian

- ✓ All app features
- ✓ No account or sign up required
- ✓ Themes, plugins and API
- ✓ Community support

Commercial use

\$50_{USD}

Per user, per year

Buy license

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- ✓ 14-day free trial
- ✓ Priority support

For bulk discounts and other inquiries, contact us at support@obsidian.md

Upgrade your Obsidian experience and
support independent development.

Yearly billing

Monthly billing

Obsidian Sync

\$10_{USD}

Per month, billed monthly

Sign up

Learn more

- ✓ Sync notes across devices
- ✓ End-to-end encryption
- ✓ Version history
- ✓ Priority email support

Obsidian Publish

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Learn more

- ✓ Publish notes to the web
- ✓ No technical knowledge required
- ✓ Graph view and outline
- ✓ Priority email support

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Yearly billing

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- ✓ Priority email support

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Sign up

Learn more

- ✓ Publish notes to the web
- ✓ No technical knowledge required
- ✓ Graph view and outline
- ✓ Priority email support

Student pricing gives you 40% off!

\$6/month

\$60/year




kepano

@kepano@mastodon.social

The plan for Obsidian is to never grow beyond 10-12 people, never take VC funding, never collect personal data or analytics.

Continue building with the assumption that software is ephemeral, files matter more than apps. Use formats that are open and durable.

See our manifesto:
obsidian.md/about

 About Obsidian

Manifesto

Our guiding principles are set in stone.

Yours

We believe that everyone should have the tools to think clearly and organize ideas effectively. That's why our tools are free for personal use.

Durable

We believe that your data should be future-proof and easily accessible, no matter where you are. That's why we use simple, open file formats that prevent lock-in and ensure that

Private

We believe that your thoughts and ideas belong to you and deserve complete privacy. That's why your data is stored on your device, inaccessible to us. When you use our online services, your data is protected with end-to-end encryption for maximum security.

Malleable

We believe that tools should adapt to your way of thinking, not the other way around. That's why we design our tools to be highly customizable and extensible, so you can shape them to your unique needs.

Independent

We believe in staying true to these principles. That's why we are 100% supported by our

From one of the founders of Obsidian

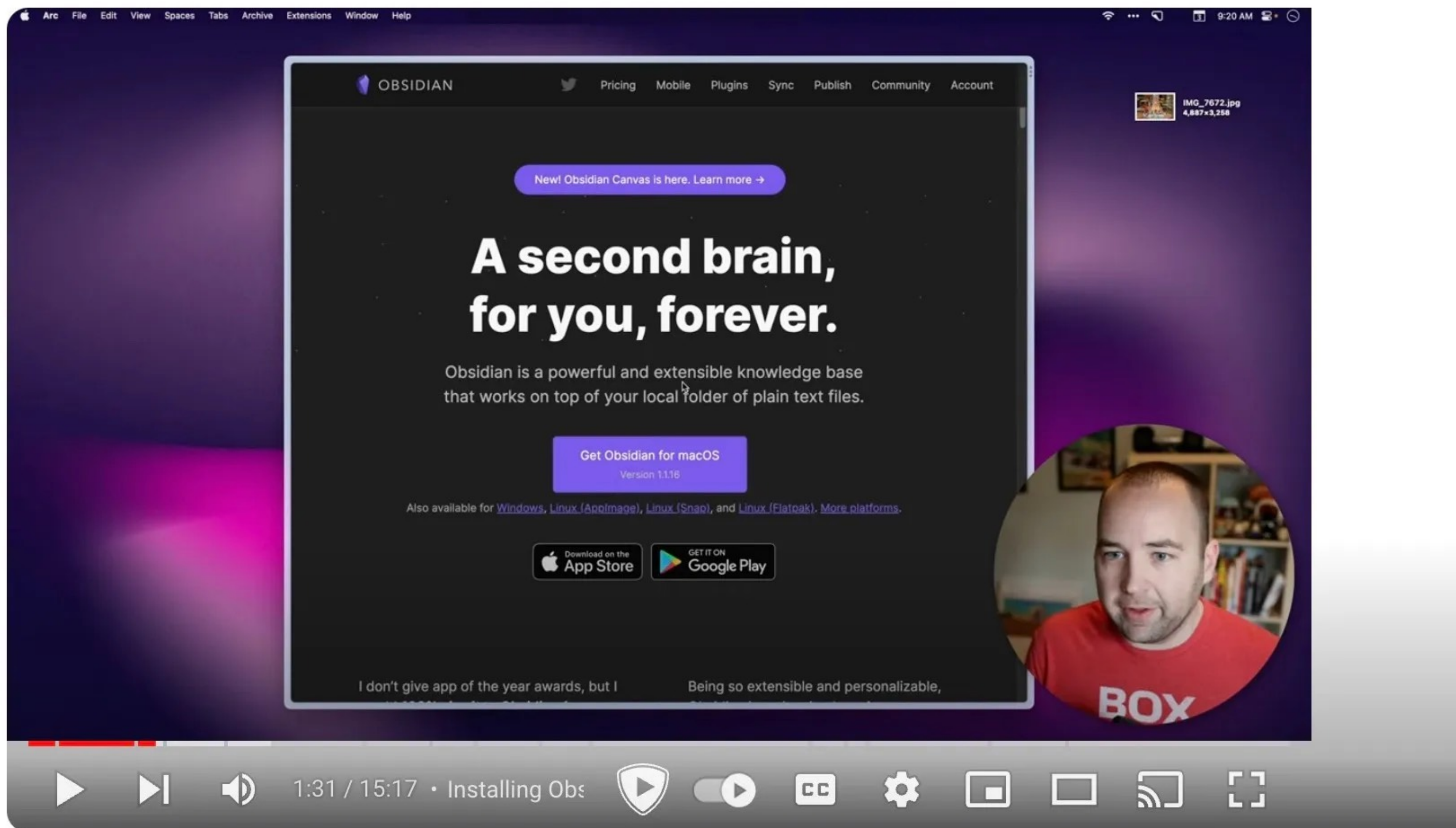
This is all great!



Search



Sign in



The least scary Obsidian guide you'll ever see



A Better Computer
20K subscribers

Subscribe

1.3K



Share

Save



37K views 6 months ago



It's OK to ask for Help



MOVIES

Review: 'Voyage of Time,' the Cosmology of Terrence Malick (the Short Version)

VOYAGE OF TIME Directed by Terrence Malick

By A. O. SCOTT OCT. 6, 2016

The New York Times

http://nyti.ms/2dlDqem

MOVIES

Review: 'Voyage of Time,' the Cosmology of Terrence Malick (the Short Version)

Voyage of Time | Directed by Terrence Malick | Documentary, Short | G | 44m

By A. O. SCOTT OCT. 6, 2016

"I'm hip about time," Peter Fonda's character said in "Easy Rider." But nobody, alive or dead, real or imagined, is quite as hip on the subject as Terrence Malick, one of modern cinema's great masters of distended and compacted chronology. His recent work — a flurry of productivity after an extended silence — has embedded his fascination with the cosmic and ephemeral dimensions of time in individual stories. The consciousness of his characters has been a screen on which inquiries about the nature of the universe and the place of human beings have been projected.

In "Voyage of Time," the main character is the universe itself, and the screen — at least in the version being released on Friday — is the gigantic Imax kind. A feature-length version of the film, scaled to conventional movie-theater size, will be released in the future, with Cate Blanchett narrating. Brad Pitt does the honors in this 45-minute cut, a brief tour of astrophysics and evolutionary biology as they relate to the deep and enduring questions of philosophy and religion.

The film, with its short duration, relatively fast pace and G rating, is meant to be accessible to children, and to induce a state of innocent wonder in other viewers. Mr. Pitt addresses the collective audience as "child." This can be a bit unsettling. More often, though, his words distract from the images, which are frequently breathtaking. The exception is when actual children appear onscreen, dancing on suburban lawns and plucking at leaves and blades of grass. Mr. Pitt is telling them

<< <

1 of 3

> >>

?

PDF

Hide Details

Printer: Print to VipRiser

Presets: Default Settings

Copies: 1

Pages: All

From: 1 to: 1

Paper Size: US Letter 8.50 by 11.00 inches

Orientation: Portrait Landscape Scale: 100%

Safari

☐ Print backgrounds

☐ Print headers and footers

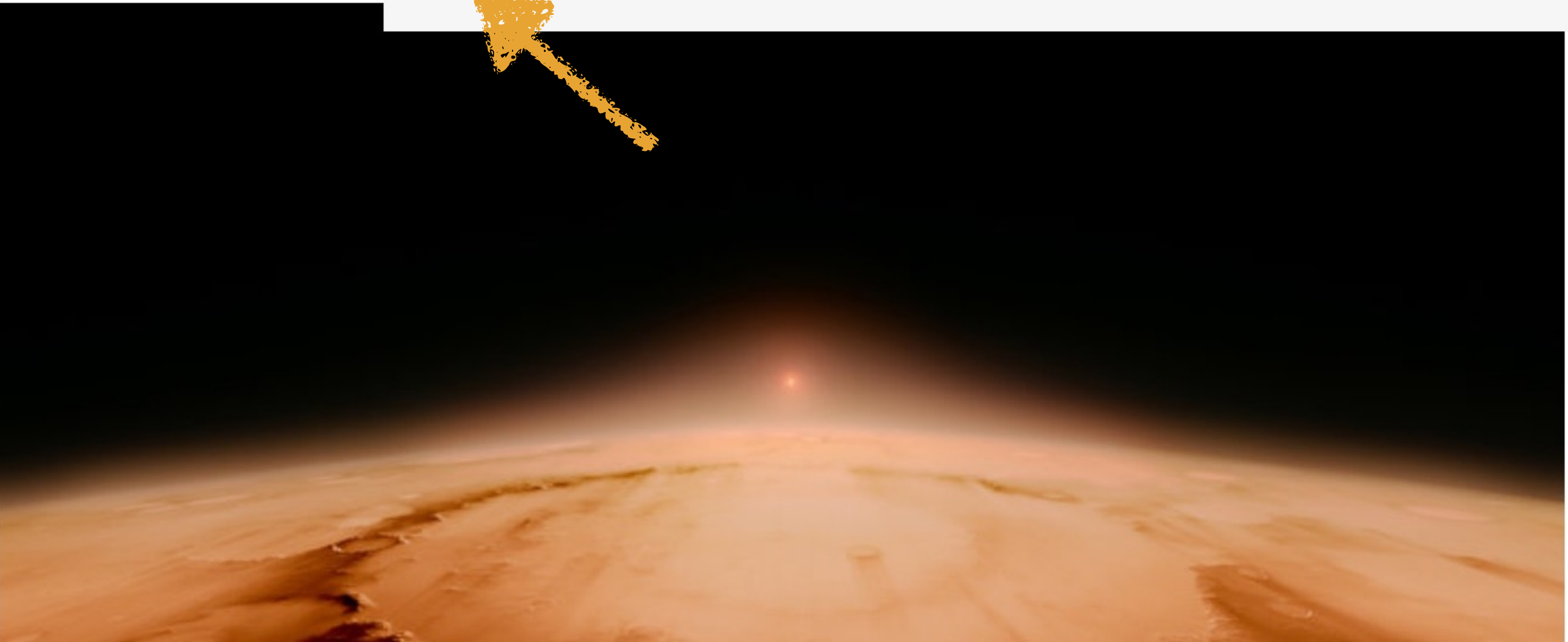
Cancel

Print

rsgranne

Campaigns Trail Clinton' and 'the Trump' for Rou

FIND TICKETS



Read the Help

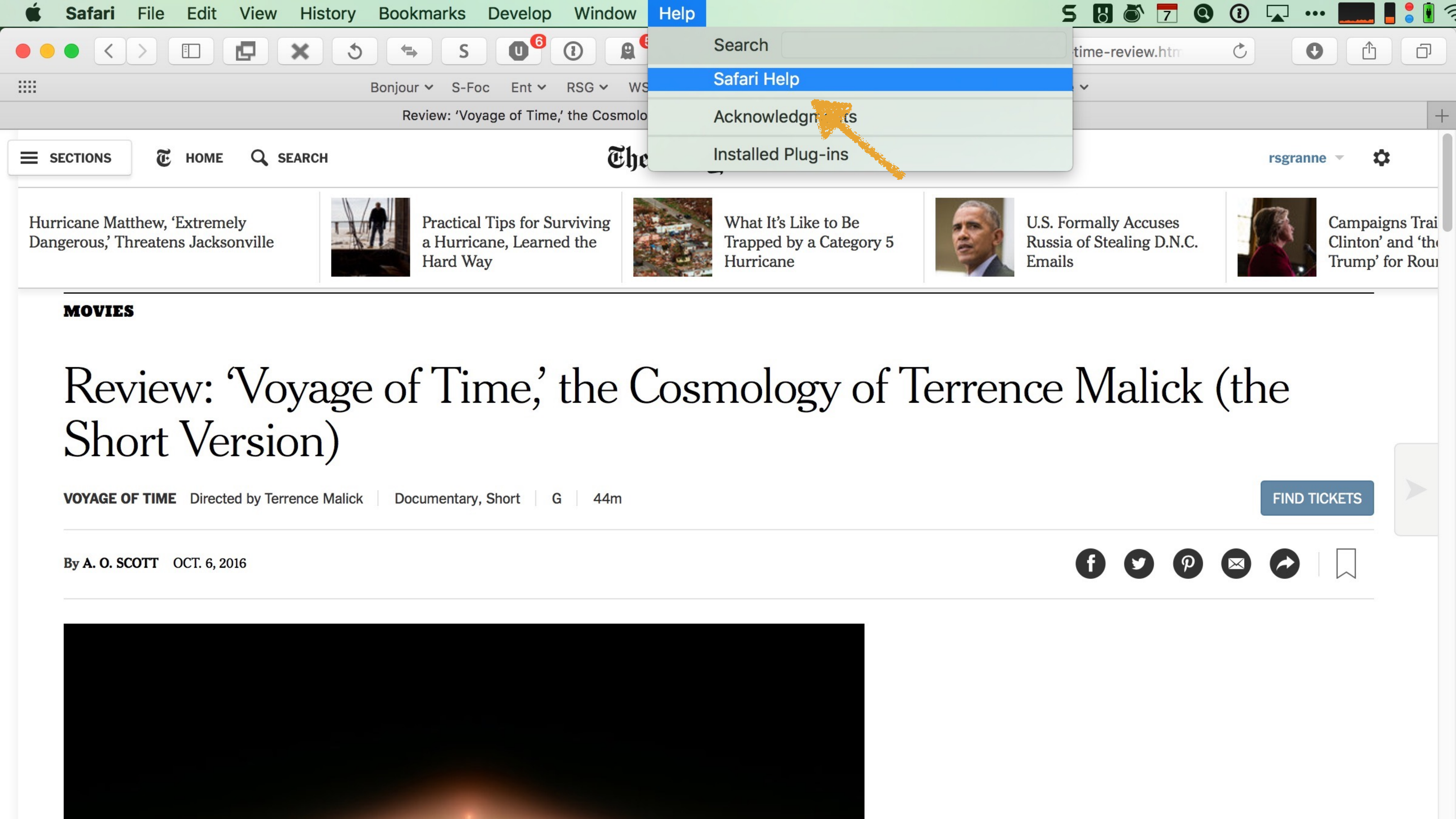


Print dialog

After you choose File > Print, the Print dialog appears and you can use it to select a printer and set print options. The Print dialog has different options depending on your printer and the app you’re using. If you see a Show Details button, click it to see all the available options.

If you need help setting up a printer, see [Add or remove a printer](#).

Printer pop-up menu	Choose a printer from the Printer pop-up menu. If you don’t see the printer you want, choose Add Printer, then follow the onscreen instructions to set up a printer. You may see an icon next to a printer’s name. For information about the icons and their meanings, see Icons in the Printer pop-up menu .
Presets pop-up menu	You can save a group of print settings as a preset, then choose the preset from the pop-up menu to use the settings again for other print jobs.
Copies	Specify the number of copies to print.
Pages	The range of pages to print.
Black & White	Print in black and white. This option appears only if your printer supports black and white printing.
Two-Sided	Print on both sides of the paper (also called “duplex printing”). This option appears only if your printer supports two-sided printing.
Paper Size	Specify the size of paper you’re using. Make sure the size of the paper you choose is loaded in the printer.
Orientation	Choose whether to print a document in portrait (vertical) or landscape (horizontal) orientation.



Help

Search

Safari Help

Acknowledgments

Installed Plug-ins

SECTIONS

HOME

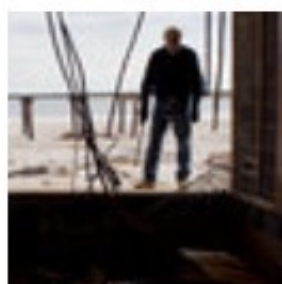
SEARCH

The

rsgranne



Hurricane Matthew, 'Extremely Dangerous,' Threatens Jacksonville



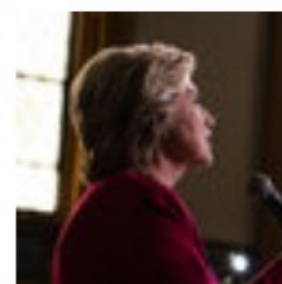
Practical Tips for Surviving a Hurricane, Learned the Hard Way



What It's Like to Be Trapped by a Category 5 Hurricane



U.S. Formally Accuses Russia of Stealing D.N.C. Emails



Campaigns Trail Clinton' and 'the Trump' for Round

MOVIES

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VOYAGE OF TIME Directed by Terrence Malick | Documentary, Short | G | 44m

FIND TICKETS

By A. O. SCOTT OCT. 6, 2016





Safari overview

- Browse the web
- Shop on the web
- Read articles and shared links
- Download, share, and save content
- Customize Safari
- Privacy and security

Keyboard and other shortcuts

Troubleshooting



Safari Help

[Overview](#)

[Hide topics](#)

Apple-Specific Stuff



macOS Meta Keys

⌘ Command

⌥ Option or Alt

⌃ Control

⇧ Shift

⌫ Escape

→ Tab

fn Function

⌫ Delete

↵ Return

↵ Enter (fn+↵)

␣ Space

→ Right

← Left

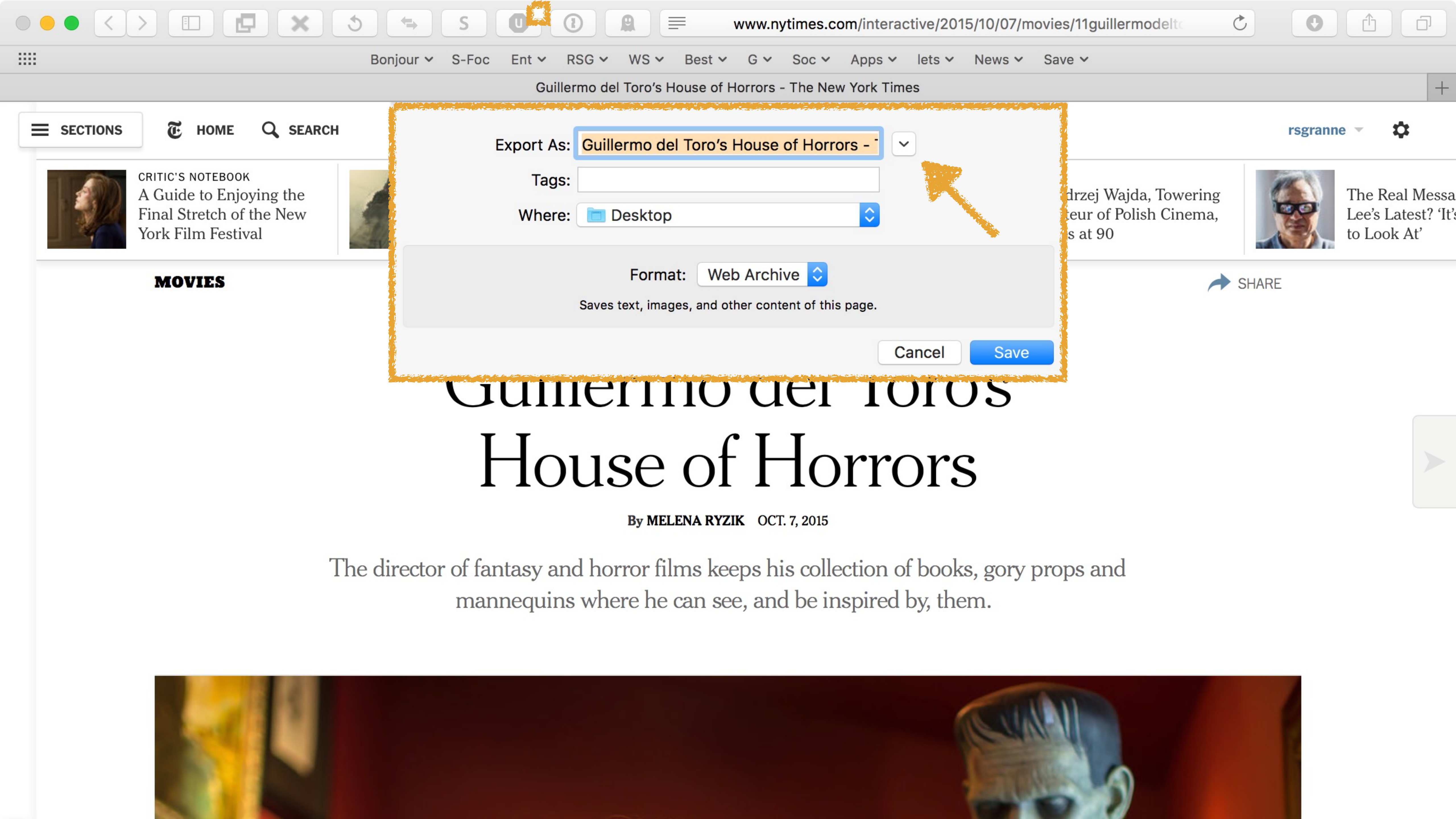
↑ Up

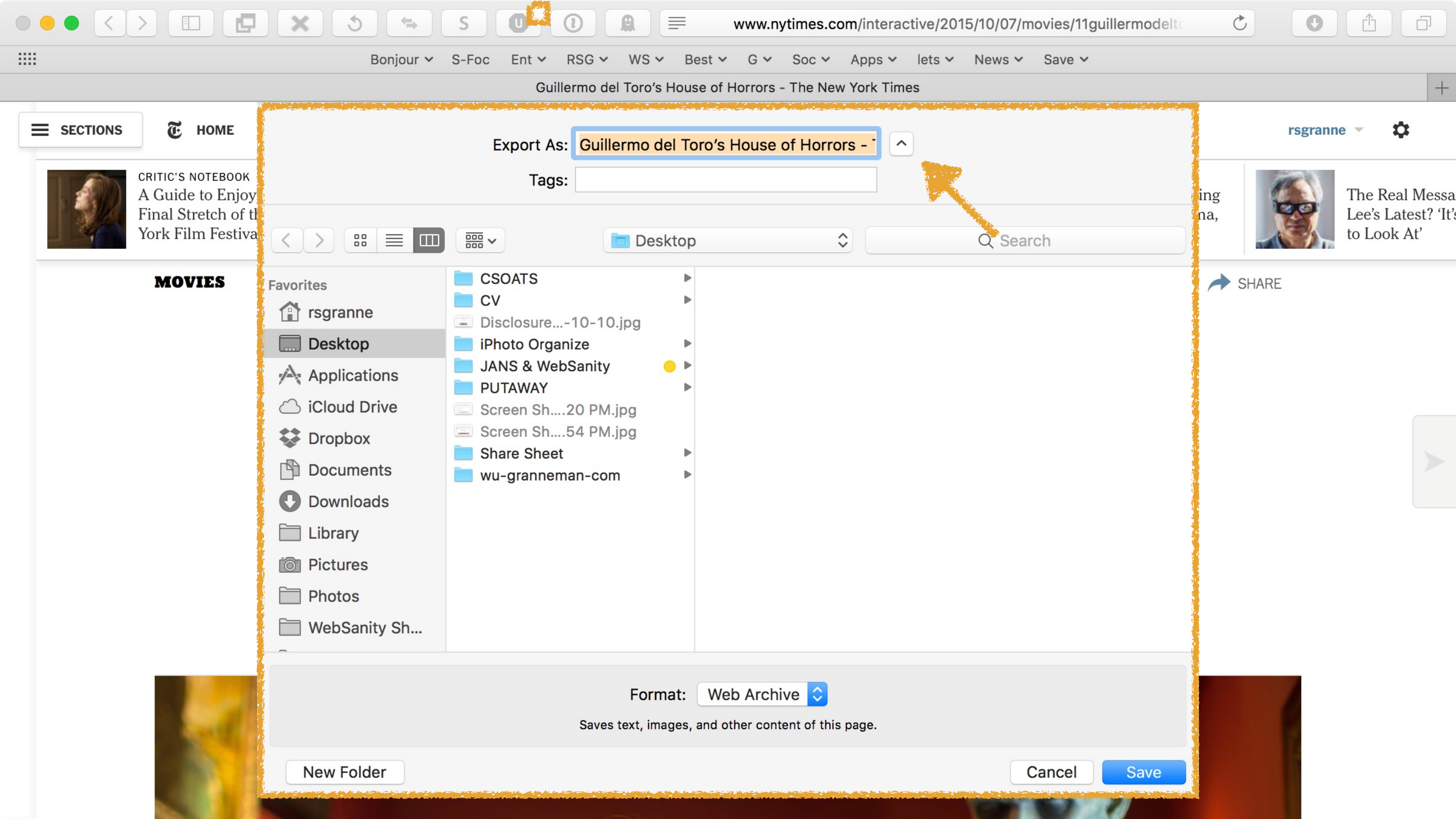
↓ Down

macOS

Disclosure Buttons

Always click on *disclosure buttons* in dialogs





CRITIC'S NOTEBOOK
A Guide to Enjoy
Final Stretch of the
York Film Festival



The Real Message
Lee's Latest? 'It's
to Look At'

MOVIES

- rsgranne
- Desktop
- Applications
- iCloud Drive
- Dropbox
- Documents
- Downloads
- Library
- Pictures
- Photos
- WebSanity Sh...

- CSOATS
- CV
- Disclosure...-10-10.jpg
- iPhoto Organize
- JANS & WebSanity
- PUTAWAY
- Screen Sh....20 PM.jpg
- Screen Sh....54 PM.jpg
- Share Sheet
- wu-granneman-com

Format: Web Archive

Saves text, images, and other content of this page.

New Folder

Cancel

Save

To open all disclosure boxes by default, open Terminal, enter the following on one line, & press ↵:

```
defaults write -g  
NSNavPanelExpandedStateForSaveMode -bool true
```

Then do the same thing with this:

```
defaults write NSGlobalDomain  
NSNavPanelExpandedStateForSaveMode2 -bool true
```


Same thing for printing dialog boxes



POLITICS

N.S.A. Suspect Is a Hoarder

By SCOTT SHANE and DAVID E. SANGER OCT. 6, 2016



Printer:

Print to VipRiser

Copies:

1

Pages:

All

The New York Times

http://nyti.ms/2dCxUI5

POLITICS

N.S.A. Suspect Is a Hoarder. But a Leaker? Investigators Aren't Sure.

By SCOTT SHANE and DAVID E. SANGER OCT. 6, 2016

WASHINGTON — On a half-dozen occasions in the last three years, top-secret information has leaked from the National Security Agency and appeared on the web. Government analysts concluded with alarm that the documents, including intercepted communications from Europe and Japan and the computer code for the N.S.A.'s hacking tools, had not come from the huge collection taken by Edward J. Snowden.

That meant there was at least one more leaker still at large, and when F.B.I. agents found in August that a former agency contractor had been taking home top-secret material, they thought they might have the culprit.

Now they are not so sure.

Harold T. Martin III, the contractor arrested by the F.B.I. on Aug. 27, brazenly violated basic security rules, taking home a staggering quantity of highly classified material. He had been doing this undetected, agency officials were chagrined to learn, since the late 1990s. But, officials say, they have not been able to definitively connect Mr. Martin, 51, a Navy veteran, to the leaked documents.

Elizabeth Martin, his former wife, a former Maryland police officer who runs a polygraph firm in Australia, said that although she had not seen him since 2009, she would be shocked if he had intentionally passed on or published classified material.

"He was one of the most patriotic people I knew," Ms. Martin said in a telephone

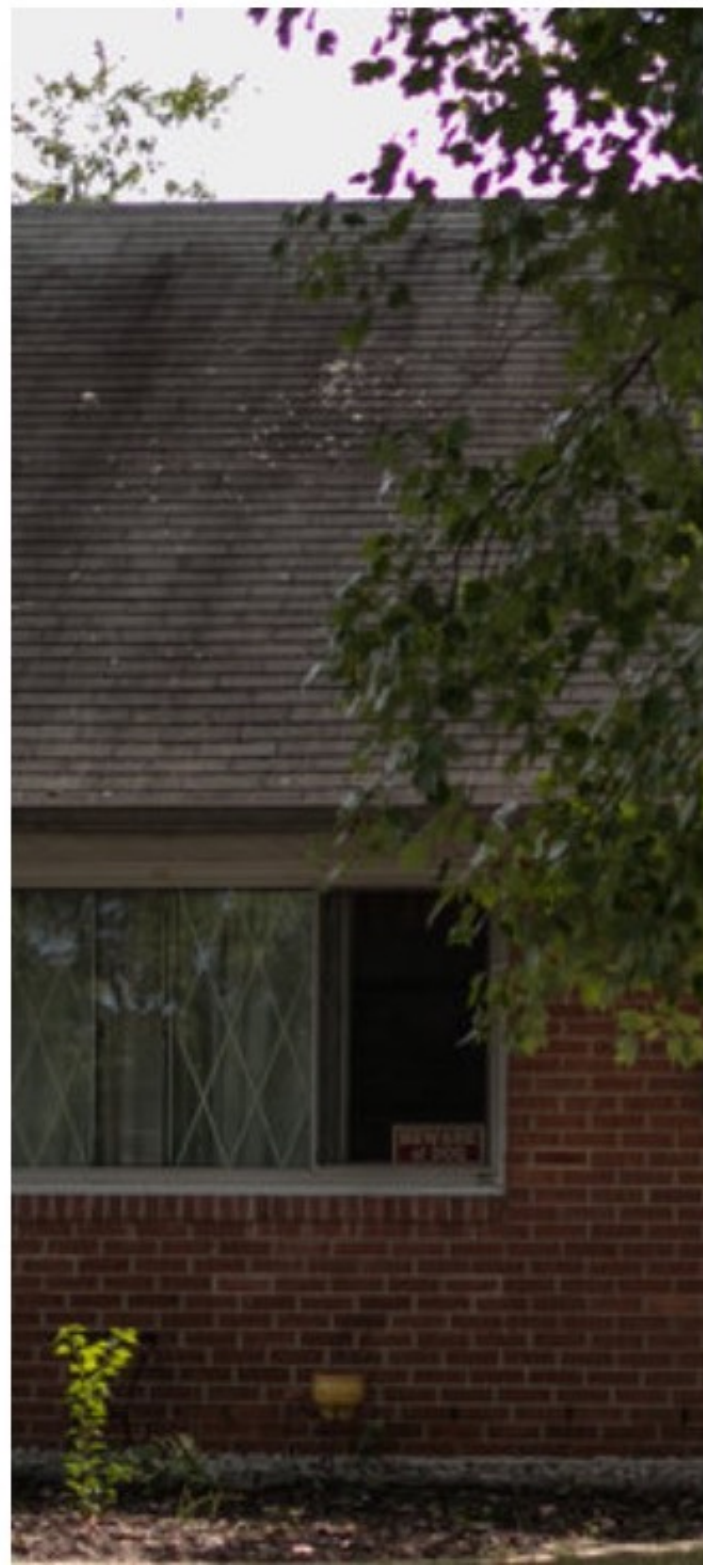




POLITICS

N.S.A. Susp

By SCOTT SHANE and DAVID E.



The New York Times

http://nyti.ms/2dCxUI5

POLITICS

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Printer: Print to VipRiser

Presets: Default Settings

Copies: 1

Pages: All

From: 1 to: 1

Paper Size: US Letter 8.50 by 11.00 inches

Orientation: Scale: 100%

Safari

☐ Print backgrounds

☐ Print headers and footers

Cancel

Print



To open Show Details by default, open Terminal, enter the following on one line, & press ↵:

```
defaults write NSGlobalDomain  
PMPrintingExpandedStateForPrint -bool true
```


Starting with macOS 13 Ventura (2022), you no longer need to worry about expanding the printer dialog box

Books

‘The New Annotated H.P. Lovecraft’


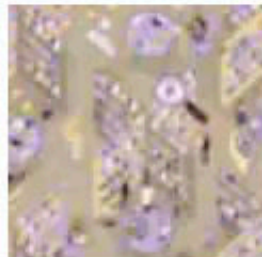

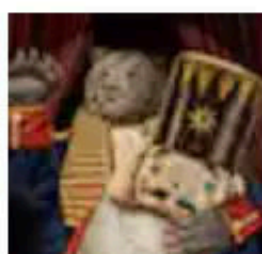
By **Becca Rothfeld**

October 27, 2014

With Halloween lurking around the corner, it behooves connoisseurs of the supernatural to dust off the spell books, and this year a new grimoire join the ranks. “[The New Annotated H.P. Lovecraft](#)” (Liveright, \$39.95), with notes and a foreword by horror expert Leslie S. Klinger, collects 22 of Howard Phillips Lovecraft’s stories and novellas.

Virtually unknown in his lifetime, Lovecraft is widely regarded as one of the most influential pioneers of the horror and science fiction genres. He commands an impressively devoted cult following.

Most Read Entertainment

- 1** Bob Dylan apologizes for book controversy in rare public statement 
- 2** The 10 best books of 2022 
- 3** **Review**
'Downstate' is a play about pedophiles. It's also brilliant. 
- 4** **Perspective**
Cracking open 'The Nutcracker's' dark Russian past 

'The

With Hallo
connoisseurs

this year a
Lovecraft”

horror expo
Lovecraft's

Virtually un
one of the m

fiction genre
following.

one of the

Books

With Halloween

Virtually unknown in his lifetime, Lovecraft is widely regarded as one of the most influential pioneers of the horror and science fiction genres. He commands an impressively devoted cult following.

His short-lived foray into marriage took him to New York, but the move, like the relationship, proved unsuccessful. Lovecraft returned to Providence alone two years later. He remained there until his death in 1937.

Page 1 of 3

Much of his work centers around what Lovecraftians have called "the Cthulhu mythos," a comprehensive mythology underpinning a set of linked stories.

The mythos takes its name from "The Call of Cthulhu," a 1928 story about a sinister cult. It represents a richly detailed alternative to everyday existence, this time characterized by unnatural landscapes with impossible angles, dark woods and a recurring tome of macabre secrets called the *Necronomicon*.

For Lovecraft, fiction was never a reflection of reality but a rejoinder to it. He had utmost respect for the sanctity of mystery, and his stories abound with colors we cannot see and words we cannot pronounce. (In a 1934 letter, he wrote that the word "Cthulhu" represents "a fumbling human attempt to catch the phonetics of an absolutely non-human word.")

Just like the protagonist of his story "The Silver Key," Lovecraft turned to the "bizarre and eccentric as an antidote for the commonplace," routinely pitting science and explanation against the unnameable and unknowable. In Lovecraft's stories, the latter always win out.

Lovecraft spent his life in obscurity, writing serialized fiction for pulp magazines.

With the arrival of "The New Annotated H.P. Lovecraft," the vicissitudes of canonization—
whose foremost ambition
status of literature.

✓ Page 2 of 3

With detailed notes, entertaining explanation and period illustrations running along the outside margins of this oversized book, Klinger gives Lovecraft the scholarly treatment he deserves and that experts and lay readers alike will appreciate, and to his credit, he does not shirk a discussion of Lovecraft's notorious racism, sexism and anti-Semitism.

 Save to Printed PDFs in Dropbox (GranneBook Pro) 

None

1

☒ All 3 Pages

☐ Range from to

☐ **Selection**
Select pages from the sidebar

Print in Color

Paper Size

US Letter 8.50 by 11.00 inches

Orientation

☒ Portrait ☐ Landscape

Scaling

100%

> Safari

Print Backgrounds: Off, Print Headers and Footers: On

➤ Media & Quality

Media Type: Auto Select, Quality: Normal

- > Layout

1 page per sheet

?

PDF | ✓

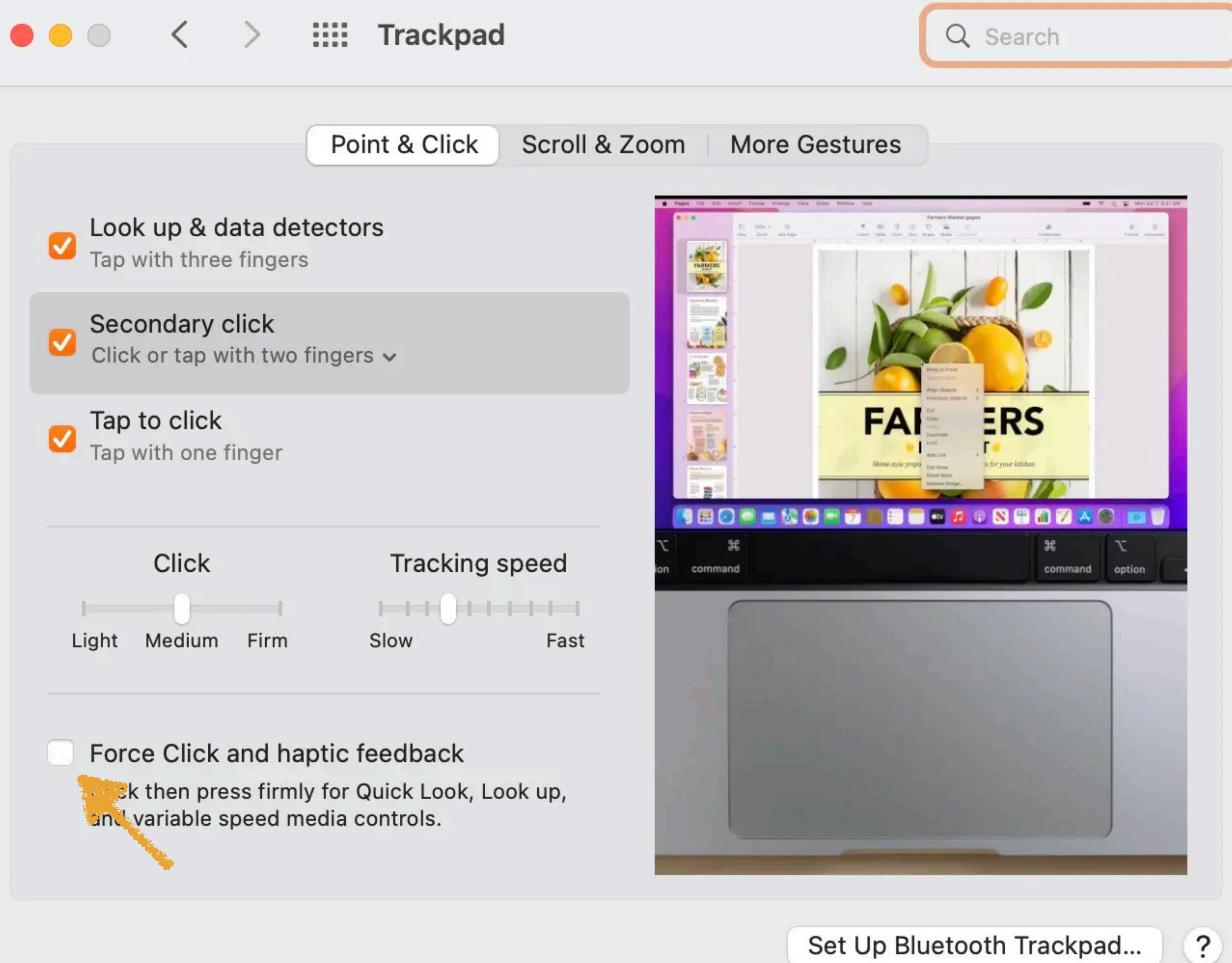
Cancel

Print

Mac Trackpads

Mac users, for some reason Apple turns *on* by default a setting that makes it very difficult to use trackpads to drag windows, files, & content

It's horrible! Let's fix it!

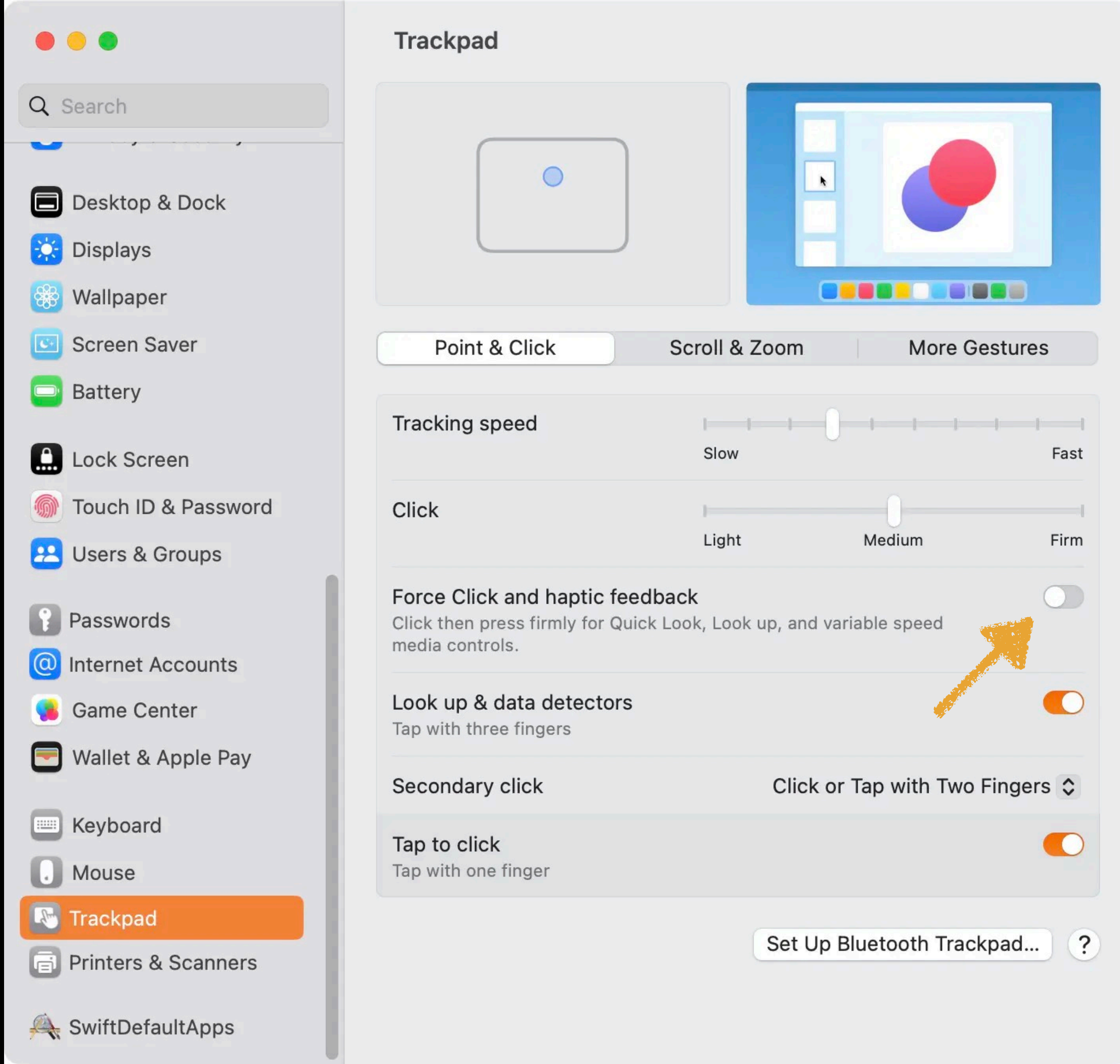


Apple > System Preferences > Trackpad > Point & Click

Un-✓ *Force Click and haptic feedback*

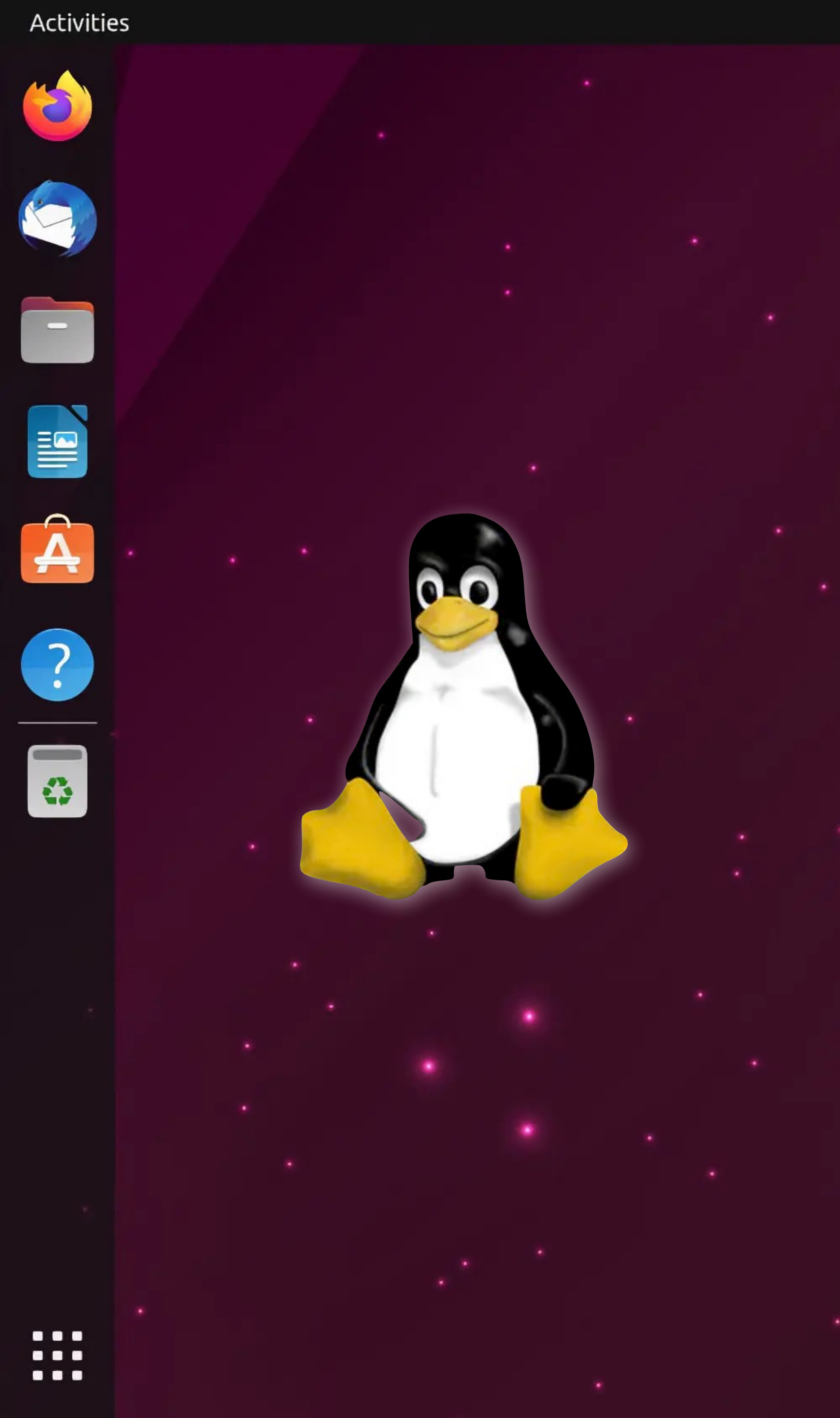
Aaahh...

Now click ●



In macOS 13
Ventura, it's  >
System Settings
> Trackpad >
Point & Click

Un-✓ *Force
Click and haptic
feedback*





















Unzipping

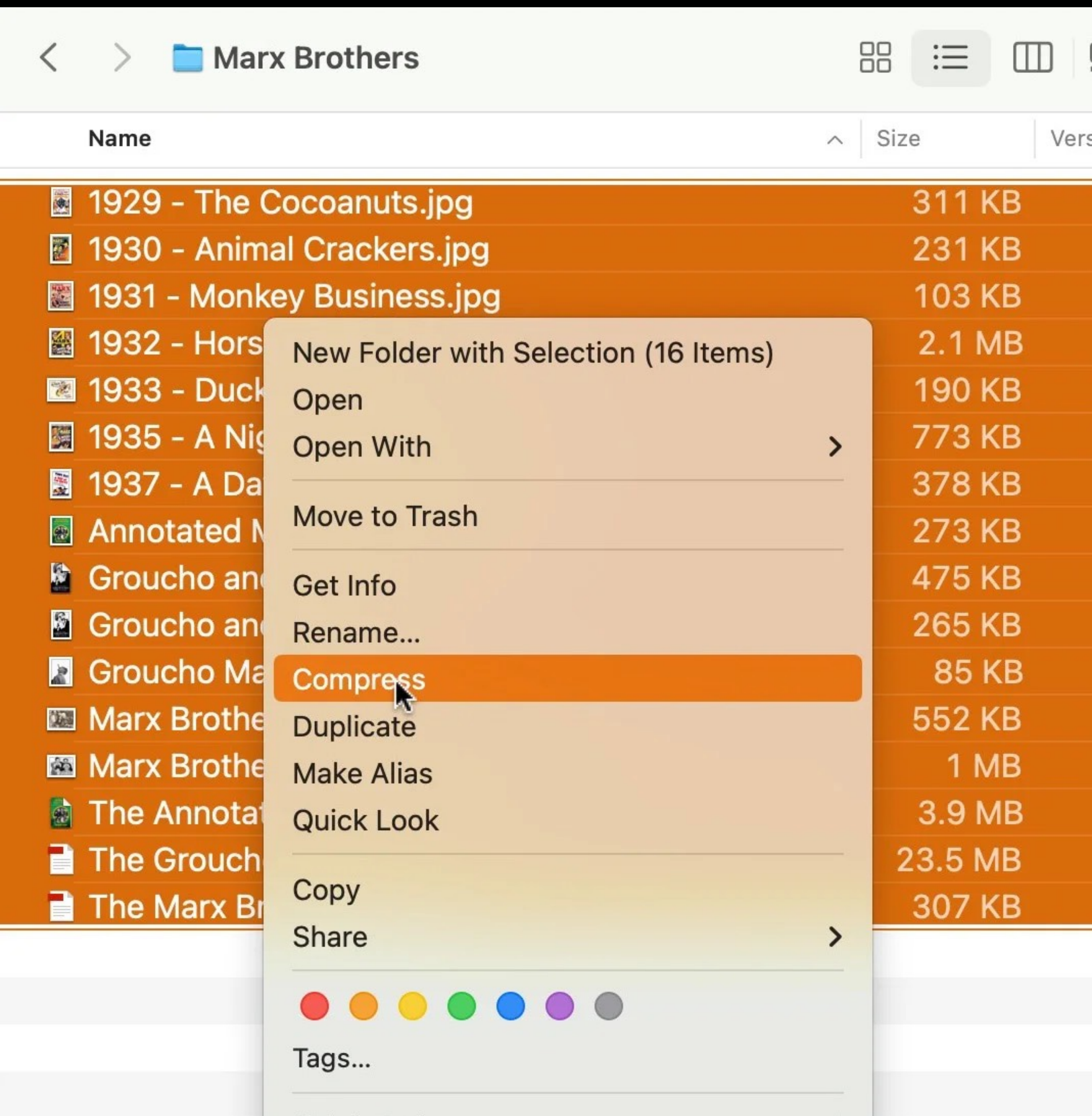
You zip a folder or files for 2 reasons:

- » *Archiving*: join several files together into 1 file
- » *Compression*: join several files together into 1 file that is smaller than the individual files

Marx Brothers		
Name	Size	Version
 1929 - The Cocoanuts.jpg	311 KB	
 1930 - Animal Crackers.jpg	231 KB	
 1931 - Monkey Business.jpg	103 KB	
 1932 - Horse Feathers.jpg	2.1 MB	
 1933 - Duck Soup.jpg	190 KB	
 1935 - A Night at the Opera.jpg	773 KB	
 1937 - A Day at the Races.jpg	378 KB	
 Annotated Marx Brothers.jpg	273 KB	
 Groucho and Me.epub	475 KB	
 Groucho and Me.jpg	265 KB	
 Groucho Marx.jpg	85 KB	
 Marx Brothers - 3 hookahs.jpg	552 KB	
 Marx Brothers - Zeppo, Groucho, Harpo, Chico.jpg	1 MB	
 The Annotated Marx Brothers.epub	3.9 MB	
 The Groucho Letters.pdf	23.5 MB	
 The Marx Brothers.pdf	307 KB	


















Would you want to email
someone 16 different files?

Would they want to receive
16 attachments to your
email?



















On a Mac, select all the files, right-click, & select *Compress* (zip)

Windows is different (more on that in a minute)

Marx Brothers		
Name	Size	Ver
 1929 - The Cocoanuts.jpg	311 KB	
 1930 - Animal Crackers.jpg	231 KB	
 1931 - Monkey Business.jpg	103 KB	
 1932 - Horse Feathers.jpg	2.1 MB	
 1933 - Duck Soup.jpg	190 KB	
 1935 - A Night at the Opera.jpg	773 KB	
 1937 - A Day at the Races.jpg	378 KB	
 Annotated Marx Brothers.jpg	273 KB	
 Archive.zip	33.7 MB	
 Groucho and Me.epub	475 KB	
 Groucho and Me.jpg	265 KB	
 Groucho Marx.jpg	85 KB	
 Marx Brothers - 3 hookahs.jpg	552 KB	
 Marx Brothers - Zeppo, Groucho, Harpo, Chico.jpg	1 MB	
 The Annotated Marx Brothers.epub	3.9 MB	
 The Groucho Letters.pdf	23.5 MB	
 The Marx Brothers.pdf	307 KB	

Send **Archive.zip** to
someone

When they unzip it, now
they have all 16 files

Marx Brothers		
Name	Size	Version
 1929 - The Cocoanuts.jpg	311 KB	
 1930 - Animal Crackers.jpg	231 KB	
 1931 - Monkey Business.jpg	103 KB	
 1932 - Horse Feathers.jpg	2.1 MB	
 1933 - Duck Soup.jpg	190 KB	
 1935 - A Night at the Opera.jpg	773 KB	
 1937 - A Day at the Races.jpg	378 KB	
 Annotated Marx Brothers.jpg	273 KB	
 Groucho and Me.epub	475 KB	
 Groucho and Me.jpg	265 KB	
 Groucho Marx.jpg	85 KB	
 Marx Brothers - 3 hookahs.jpg	552 KB	
 Marx Brothers - Zeppo, Groucho, Harpo, Chico.jpg	1 MB	
 The Annotated Marx Brothers.epub	3.9 MB	
 The Groucho Letters.pdf	23.5 MB	
 The Marx Brothers.pdf	307 KB	

These files add up to 34.53 MB

Marx Brothers		
Name	Size	Ver
1929 - The Cocoanuts.jpg	311 KB	
1930 - Animal Crackers.jpg	231 KB	
1931 - Monkey Business.jpg	103 KB	
1932 - Horse Feathers.jpg	2.1 MB	
1933 - Duck Soup.jpg	190 KB	
1935 - A Night at the Opera.jpg	773 KB	
1937 - A Day at the Races.jpg	378 KB	
Annotated Marx Brothers.jpg	273 KB	
Archive.zip	33.7 MB	
Groucho and Me.epub	475 KB	
Groucho and Me.jpg	265 KB	
Groucho Marx.jpg	85 KB	
Marx Brothers - 3 hookahs.jpg	552 KB	
Marx Brothers - Zeppo, Groucho, Harpo, Chico.jpg	1 MB	
The Annotated Marx Brothers.epub	3.9 MB	
The Groucho Letters.pdf	23.5 MB	
The Marx Brothers.pdf	307 KB	

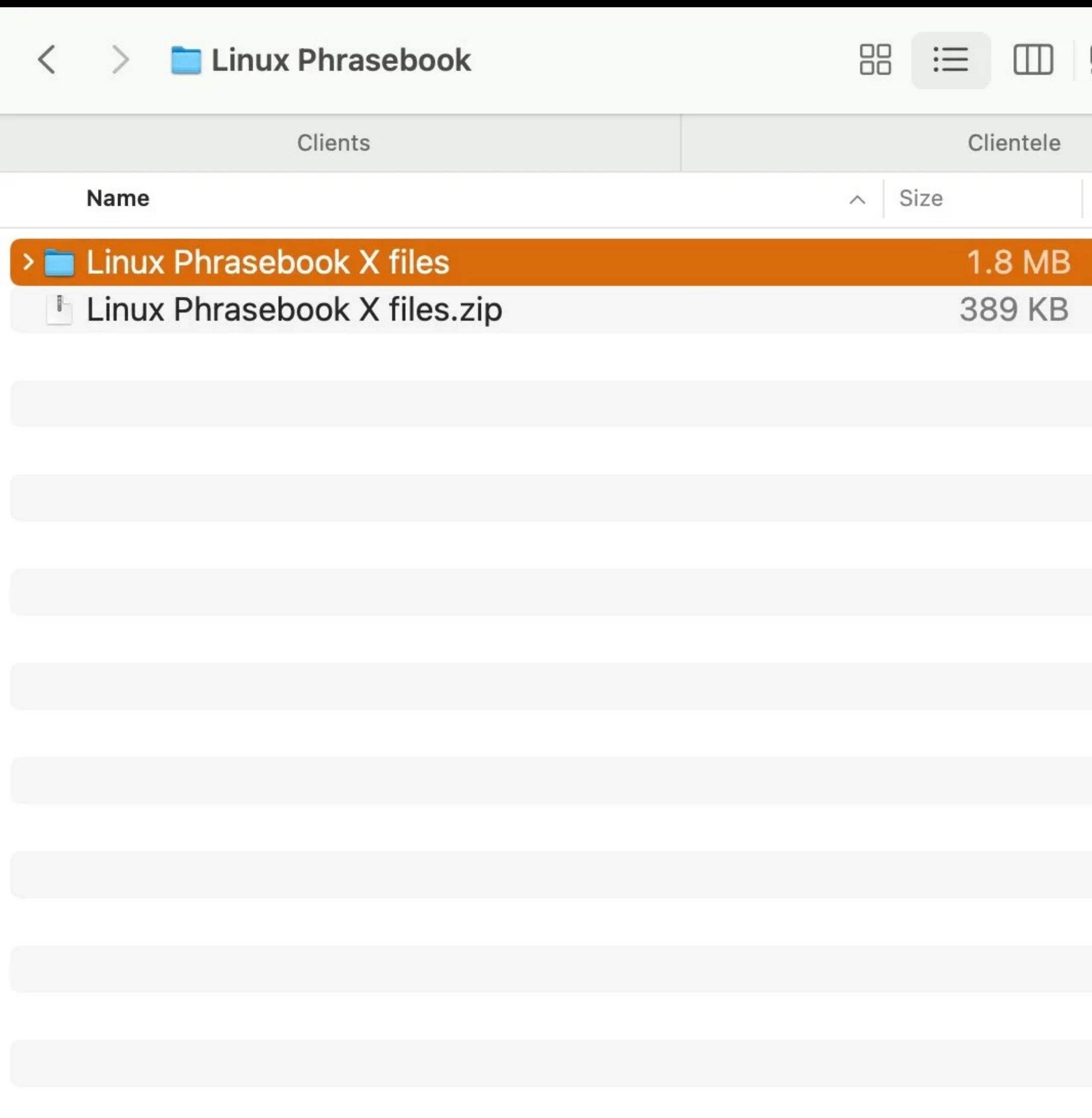
Archive.zip is 33.7 MB,
not much smaller than
34.53 MB

Why isn't it smaller?

Because JPEGs & EPUBs
are already pretty
compressed

Linux Phrasebook	
Clients	Clientele
Name	Size
Linux Phrasebook X files.zip	389 KB

This is a zip file full of
Word files ending in .doc



Unzipping a 389 KB file results in an original folder that was 1.8 MB

The zip file is ~88% smaller!

Why? Because **.doc** files aren't compressed by default (**.docx** files *are* compressed, however)



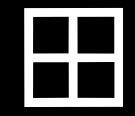
After downloading a ZIP file (e.g., `foo-bar.zip`), just double-click on the file & you will have a folder named `foo-bar` next to the ZIP file

Done! 🎉

Throw away the ZIP file if you want

What about zipping up a folder or files?

Right-click (or -click) & select Compress

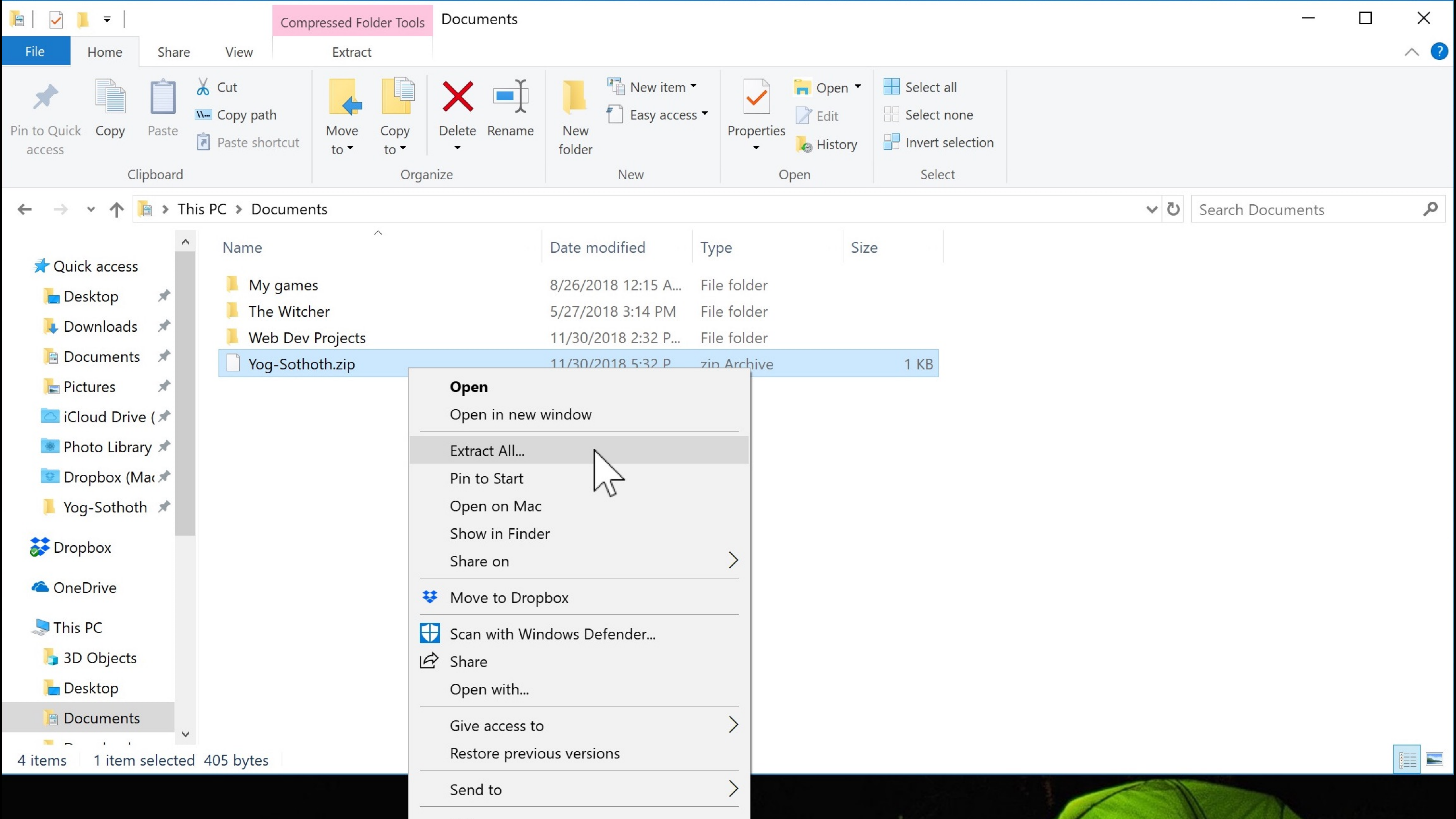


After downloading a ZIP file (e.g., `foo-bar.zip`), do *not* double-click on the ZIP file! 😡

Instead, right-click on the ZIP file & select *Extract All...*

A folder named `foo-bar` should appear

Throw away the ZIP file if you want



- File Home Share View Extract
- Pin to Quick access

Copy

Paste

Clipboard

Cut

Copy path

Paste shortcut

Move to

Copy to

Organize

Delete

Rename

New folder

New item

Easy access

New

Properties

Open

Select all

Select none

Invert selection

Select

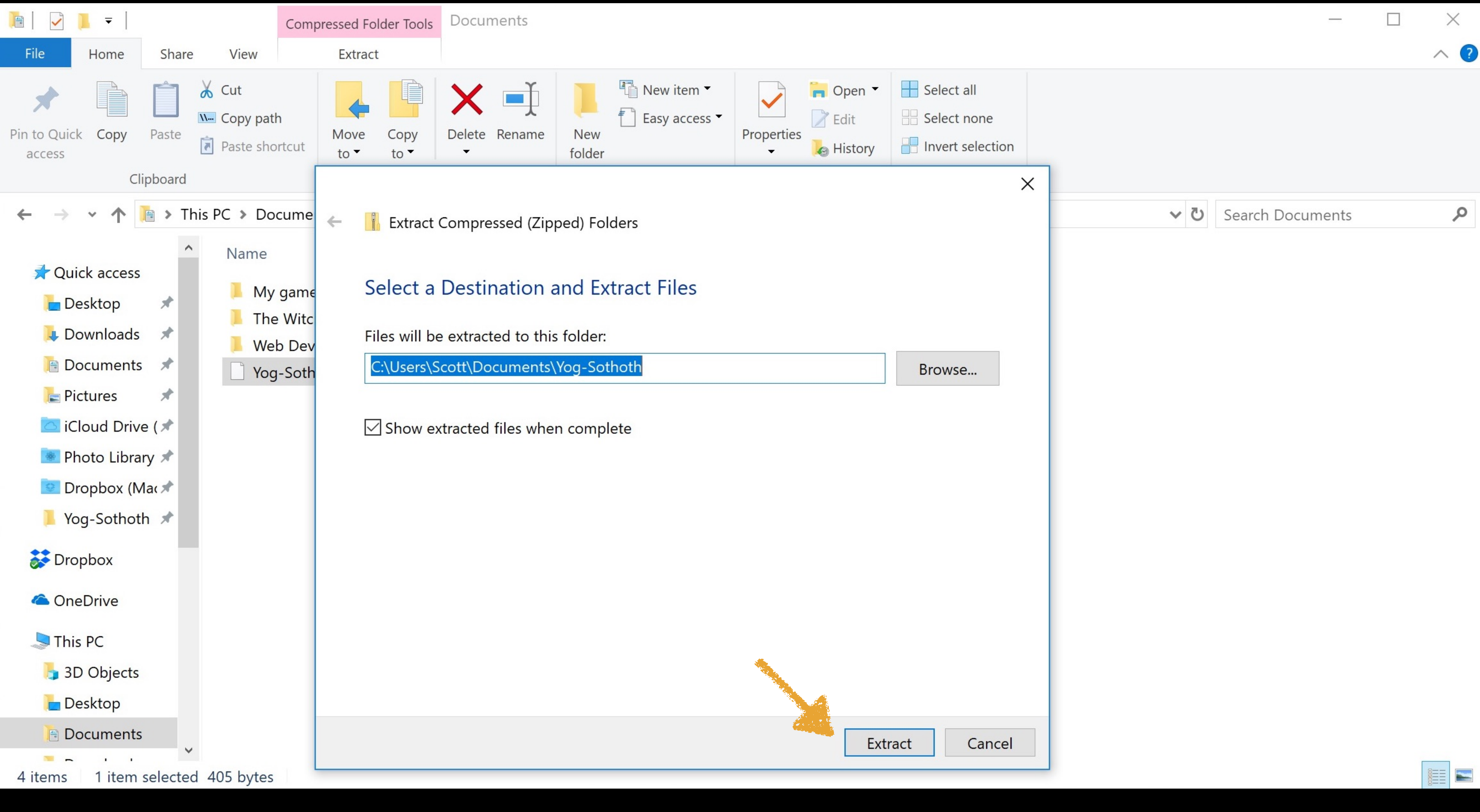
← → ▾ ↑

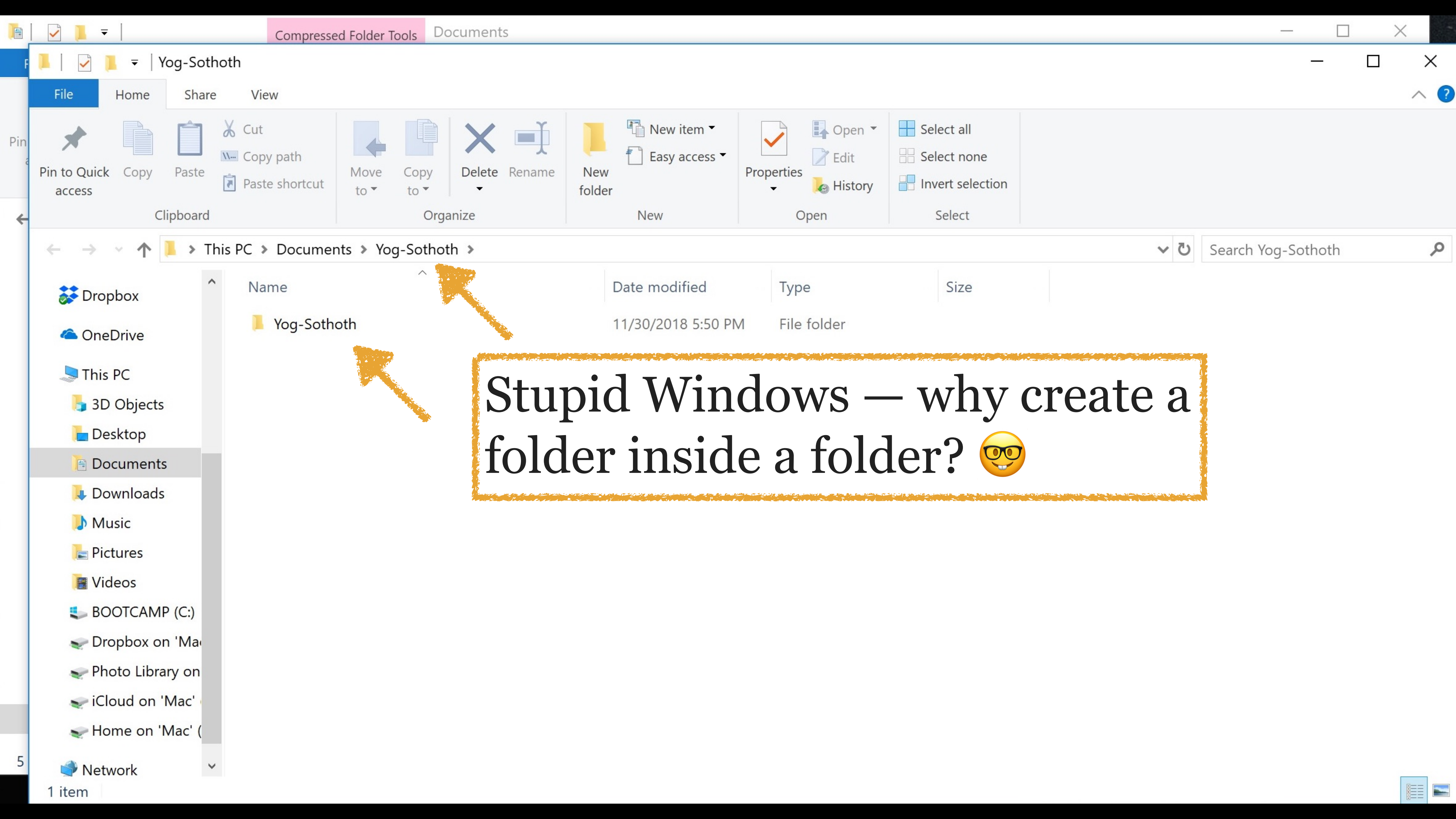
This PC > Documents

Search Documents

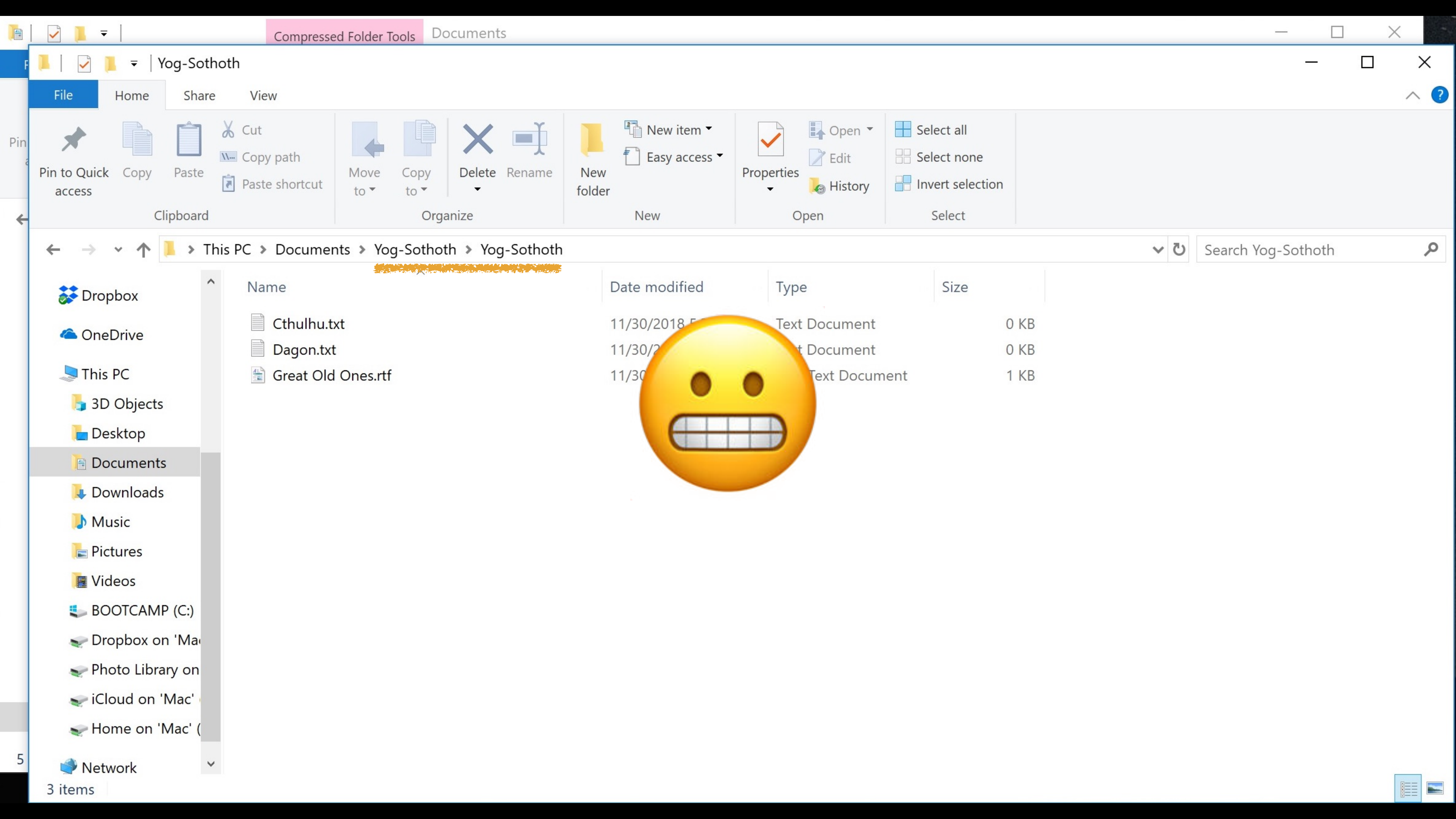
Name	Date modified	Type	Size
My games	8/26/2018 12:15 A...	File folder	
The Witcher	5/27/2018 3:14 PM	File folder	
Web Dev Projects	11/30/2018 2:32 P...	File folder	
Yog-Sothoth.zip	11/30/2018 5:32 P	zip Archive	1 KB

- Open
- Open in new window
- Extract All...
- Pin to Start
- Open on Mac
- Show in Finder
- Share on
- Move to Dropbox
- Scan with Windows Defender...
- Share
- Open with...
- Give access to
- Restore previous versions
- Send to





Stupid Windows — why create a folder inside a folder? 🧐



Pin to Quick
access



Copy



Paste

Cut

Copy path

Paste shortcut



Move
to



Copy
to



Delete



Rename



New
folder

New item

Easy access



Properties

Open

Edit

History

Select all

Select none

Invert selection

Clipboard

Organize

New

Open

Select



This PC > Documents > Yog-Sothoth > Yog-Sothoth



Search Yog-Sothoth



Dropbox

OneDrive

This PC

3D Objects

Desktop

Documents

Downloads

Music

Pictures

Videos

BOOTCAMP (C:)

Dropbox on 'Mac'

Photo Library on

iCloud on 'Mac'

Home on 'Mac' (

Network

3 items

Name

Date modified

Type

Size

Cthulhu.txt

11/30/2018 5

Text Document

0 KB

Dagon.txt

11/30/2

Text Document

0 KB

Great Old Ones.rtf

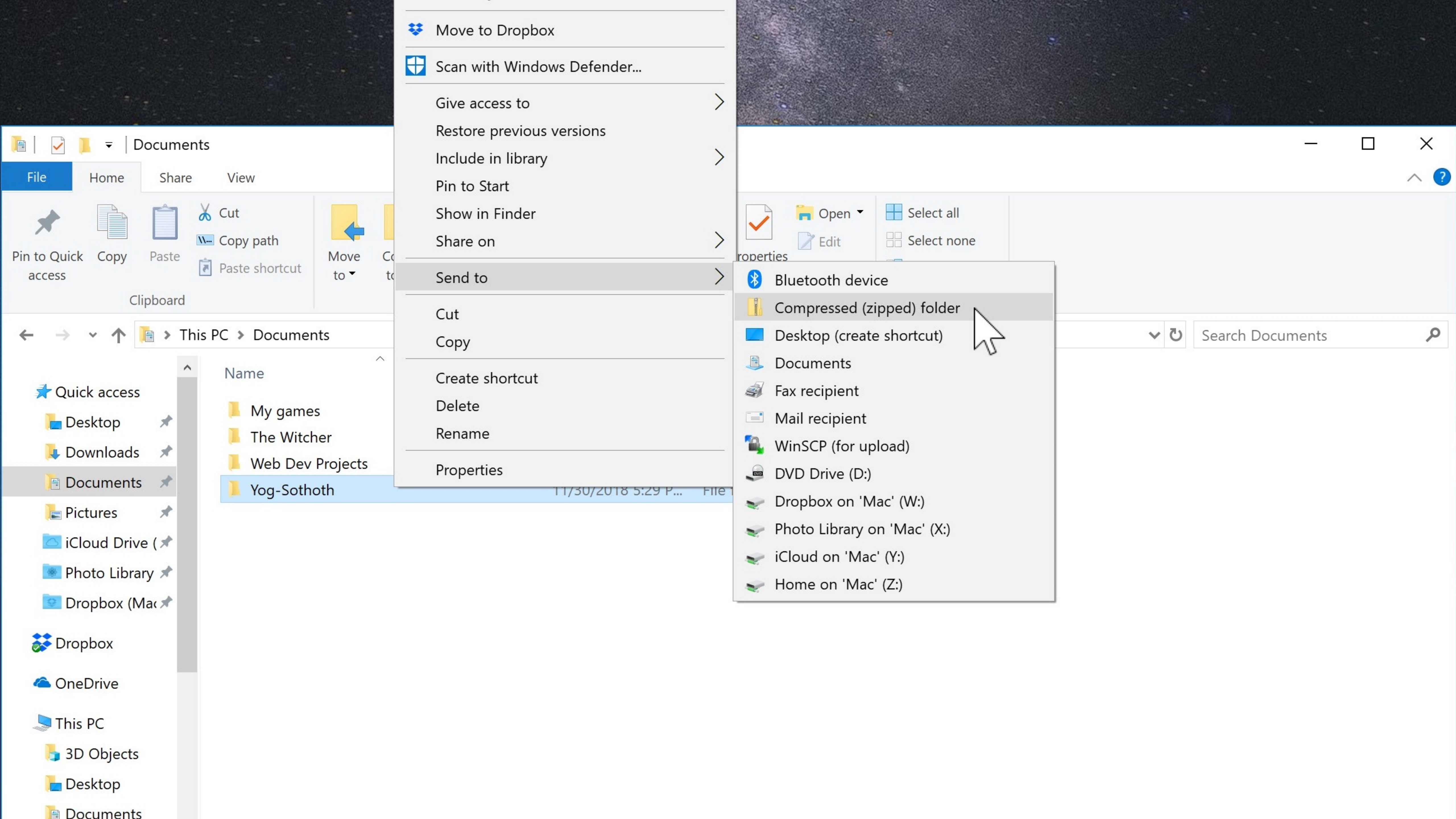
11/30

Text Document

1 KB

What about zipping up a folder or files?

Right-click on the folder or file & select *Send to* >
Compressed (zipped) folder



Move to Dropbox

Scan with Windows Defender...

Give access to >

Restore previous versions >

Include in library >

Pin to Start

Show in Finder

Share on >

Send to >

Cut

Copy

Create shortcut

Delete

Rename

Properties

Bluetooth device

Compressed (zipped) folder

Desktop (create shortcut)

Documents

Fax recipient

Mail recipient

WinSCP (for upload)

DVD Drive (D:)

Dropbox on 'Mac' (W:)

Photo Library on 'Mac' (X:)

iCloud on 'Mac' (Y:)

Home on 'Mac' (Z:)

Compressed Folder ToolsDocuments

HomeShareViewExtract

Quick access

Copy

Paste

Cut

Copy path

Paste shortcut

Move to

Copy to

Delete

Rename

New folder

New item

Easy access

Properties

Open

Edit

History

Select all

Select none

Invert selection

ClipboardOrganizeNewOpenSelect

→ ▾ ↑

This PC > Documents >

Search Documents

Name	Date modified	Type	Size
My games	8/26/2018 12:15 A...	File folder	
The Witcher	5/27/2018 3:14 PM	File folder	
Web Dev Projects	11/30/2018 2:32 P...	File folder	
Yog-Sothoth	11/30/2018 5:32 P...	File folder	
Yog-Sothoth.zip	11/30/2018 5:32 P...	zip Archive	1 KB

& now you can rename it

ems | 1 item selected 405 bytes



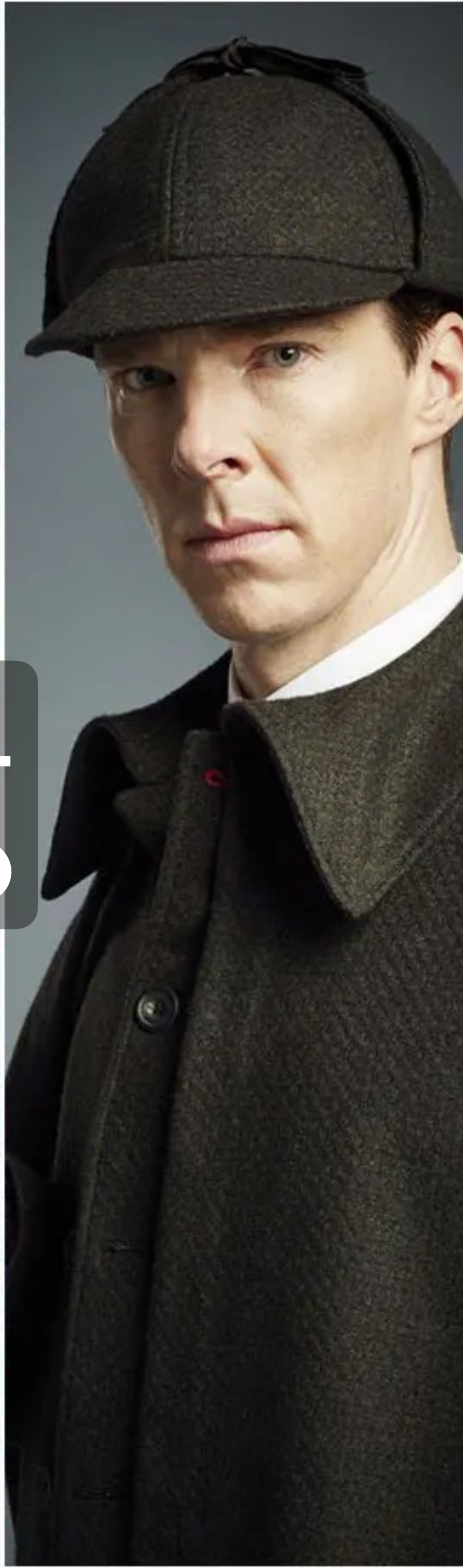
If you do not see *Extract All...*, you have a 3rd-party unzipping program installed

Look for different wording

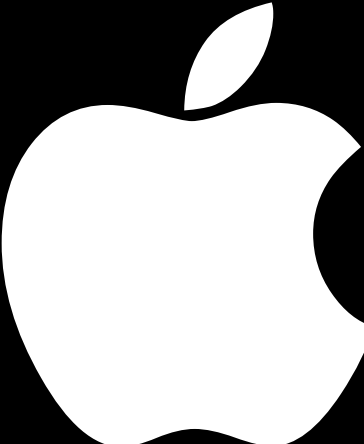


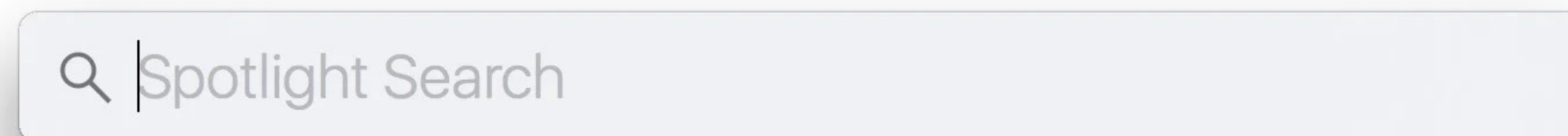
And by the way, if you really want a 3rd-party tool...

1. uninstall yours (if you aren't using the built-in tool)
2. go to www.7-zip.org
3. download 7-Zip & install it



Searching





On a Mac, press ⌘ — to invoke
Spotlight, the built-in searching tool

keynote



TOP HITS



Keynote



Keyboard Maestro

APPLICATIONS



Keychain Access



Keynote Actions



Key Codes

SYSTEM PREFERENCES



Keyboard



Spotlight



Sir



Mi



Dis

DOCUMENTS



Key icon set - annex2 - 2013-04-...

PDF DOCUMENTS



Keynote

30 Recent Documents



Dorothy Gibson & the Titanic.key

2016-09-29, 11:30 PM



Web Dev Intro - Oasis.key

2017-06-11, 12:08 PM




CSS - Layout.key


Type the name of an app in Spotlight, use
↑↓→← to move around, & press **Enter** or click
on the app when you see it

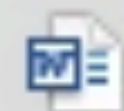
2017-06-26, 11:02 PM




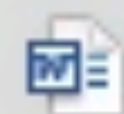
 index.xml

Documents

 Mastering PostCSS for Web Design -...


 libby waterman llc resolution (000531...


 libby waterman llc resolution (000531...


 libby waterman llc resolution_DL.doc


 Libby-Waterman Resolution.doc

Images

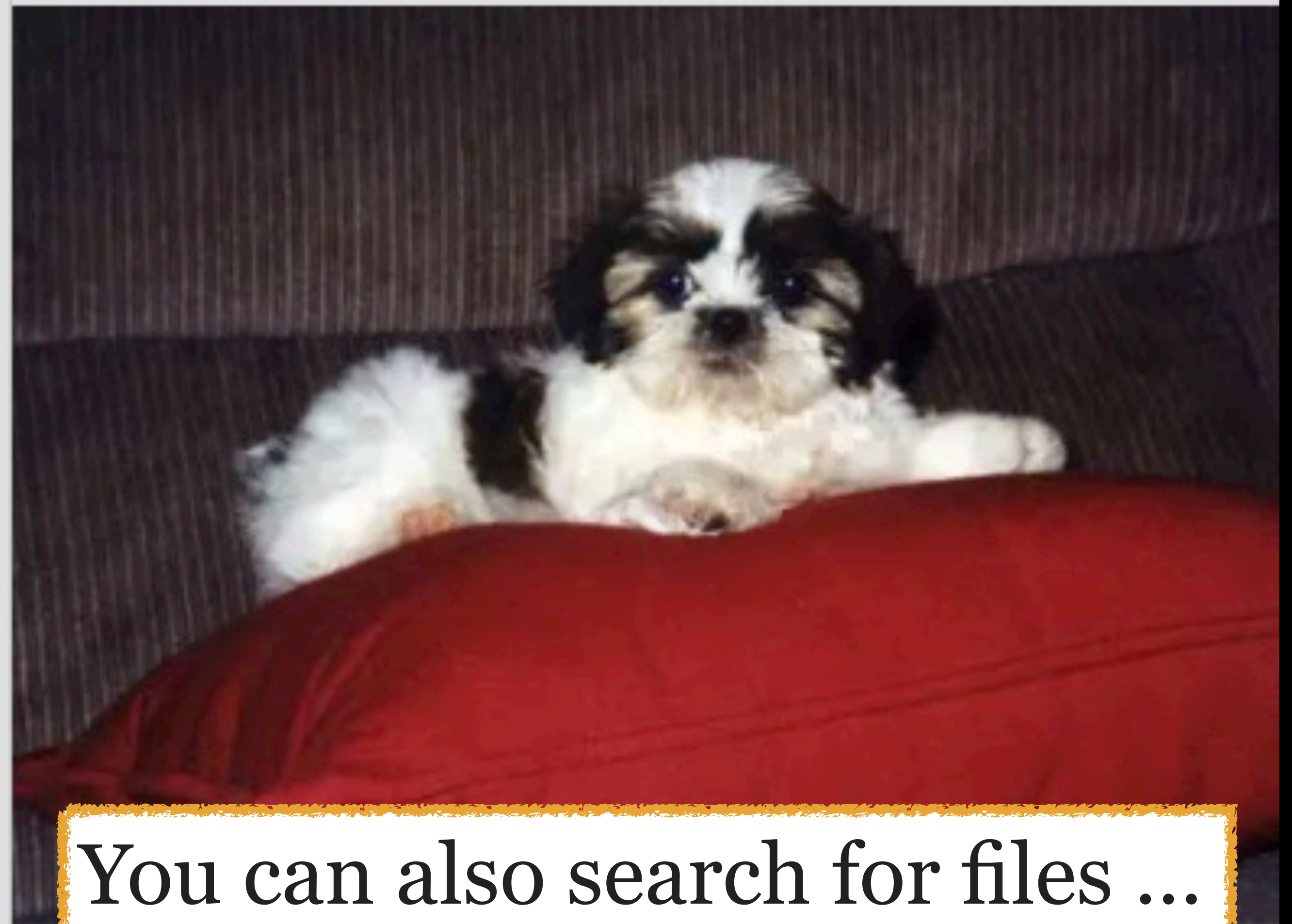
 2005-0822-Lake-George-Libby.webp

 2005-0822-Lake-George-Libby.jpg

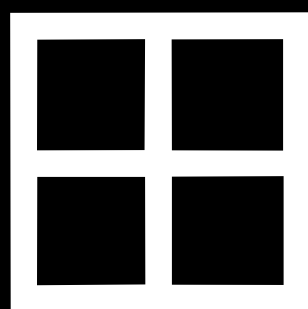
 2003-0525-Libby-at-jim-the-Wonder...

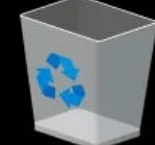
 2003-0525-Libby-at-jim-the-Wonder...

 **1998-11-Libby-Puppy.webp**



You can also search for files ...
& many other things as well





Recycle Bin



Mac Files



Games

Windows 10 Search box



Type here to search





Recycle Bin



Mac F



Game

AllAppsDocumentsWebMore

Top apps

File Explorer

Chocolatey GUI

Discord

Brave

Steam

Recent

Command Prompt

System Information

Control Panel

Check for updates

Quick searches

Weather

Top news

Today in history

Coronavirus trends



Type here to search





Recycle Bin



Mac F



Game

AllAppsDocumentsWebMore

Best match

The Elder Scrolls V Skyrim Special EditionApp

Apps

Skyrim Script Extender (SKSE)

Search the web

skyrim - See web results

skyrim se nexus

skyrim nexus

skyrim mods

Folders

Skyrim

The Elder Scrolls V Skyrim (Plugins)

The Elder Scrolls V Skyrim Special Edition

Documents

The Elder Scrolls V Skyrim

The Elder Scrolls V Skyrim Special EditionApp

Open

Open file location

Pin to Start

skyrim|

Type your search term

Use ↑↓→← to move around in the Start menu

Press Enter to open the app or file



Windows 11 does something weird & kinda dumb

Start

Search





Type here to search

Pinned

All apps >

Settings

Microsoft...

Chocolatey...

Terminal

File Explorer

1Password

Sublime Tex...

Solitaire

Spotify

Calculator

Clock

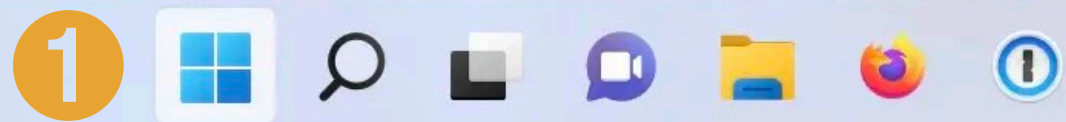
Tips

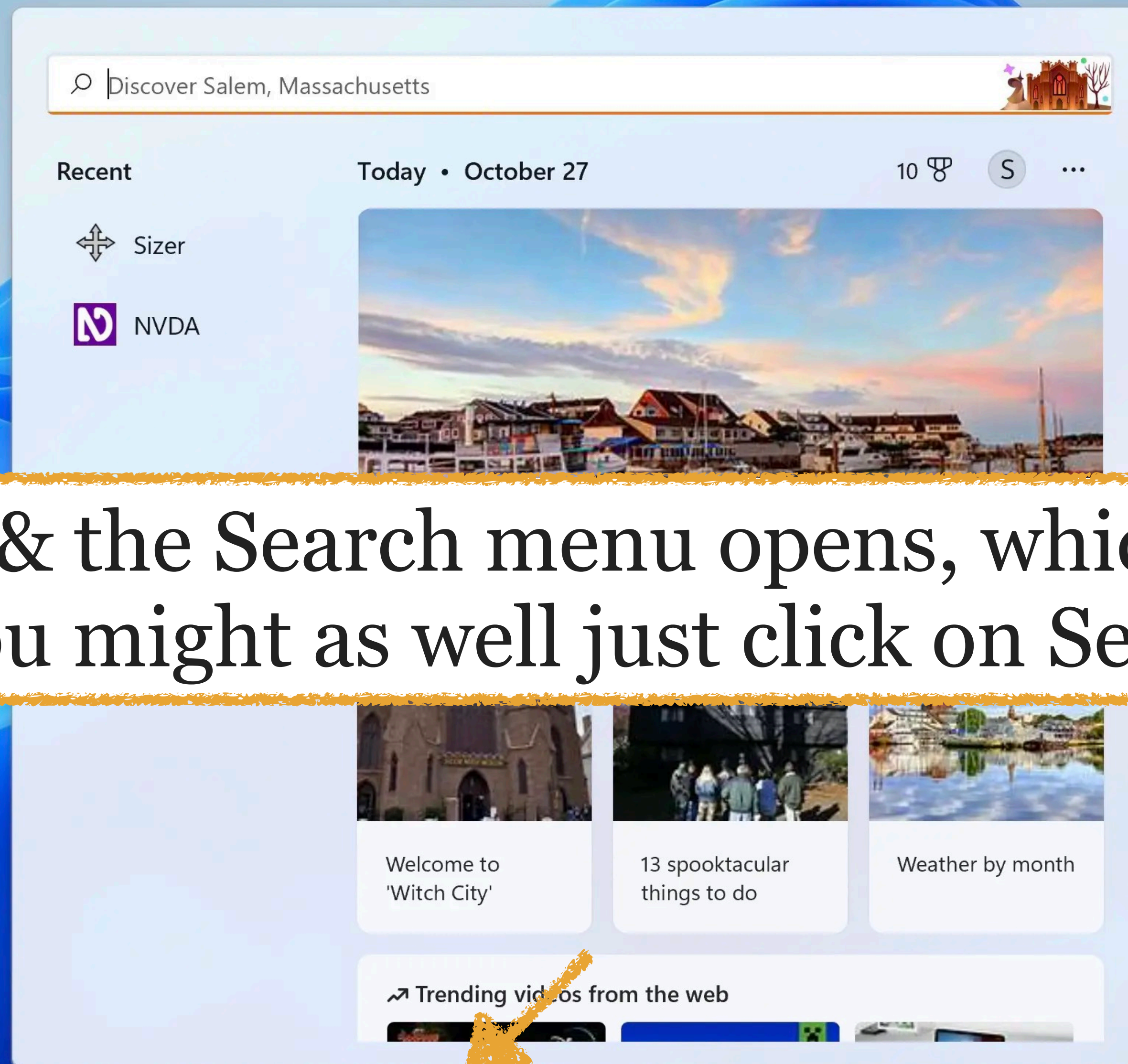
Window Resizer.csv
Oct 17

image.webp
Oct 17

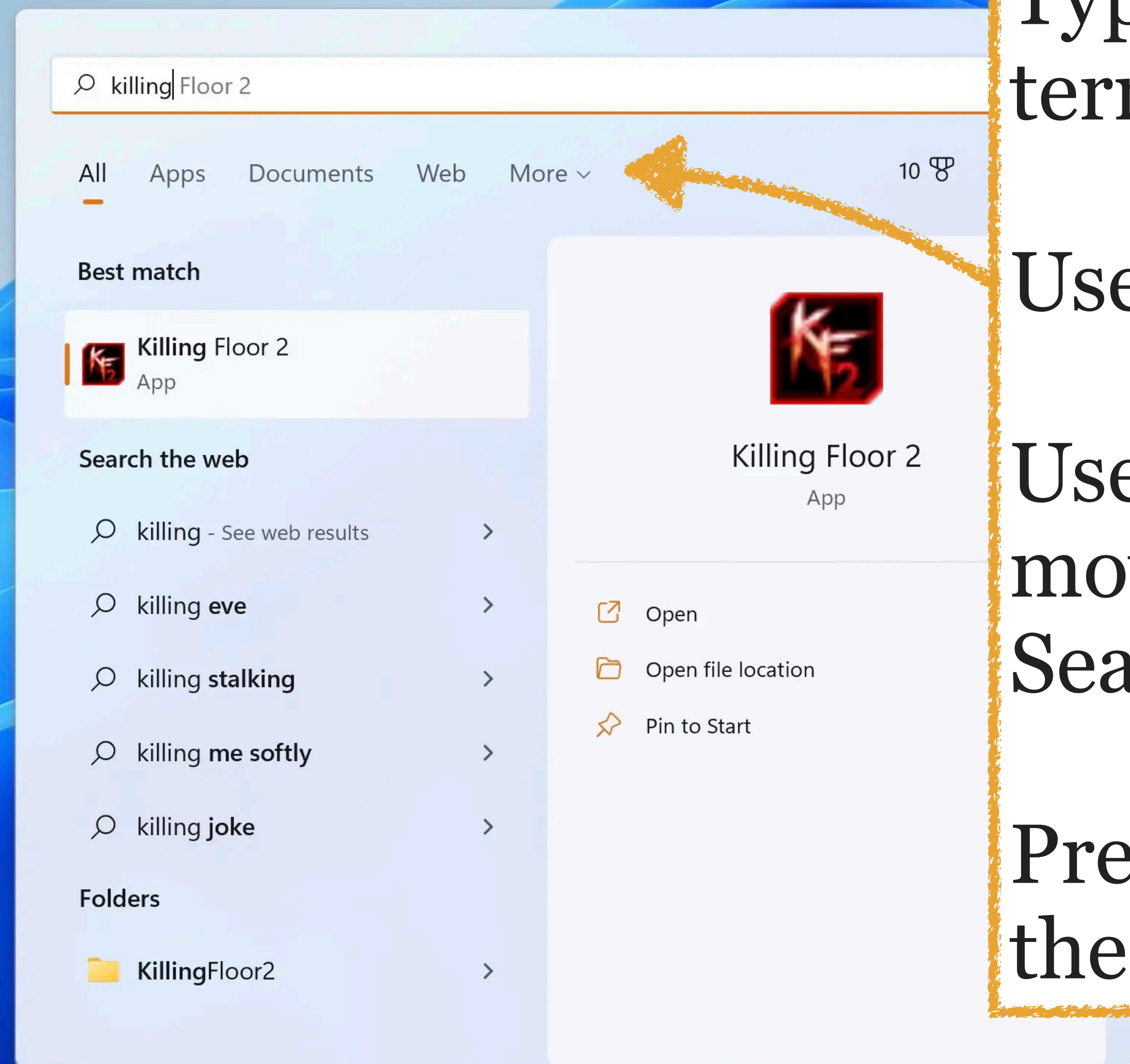
Scott Granneman

If you ❶ click on Start & then ❷ click in the Search box at the top...





...Start closes & the Search menu opens, which is confusing & weird, so you might as well just click on Search



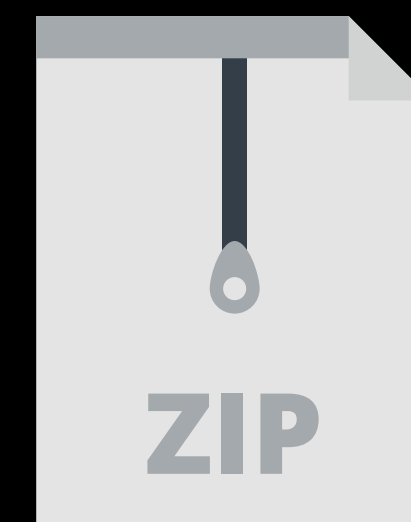
Type your search term

Use filters

Use **↑↓→←** to move around in the Search menu

Press **Enter** to open the app or file

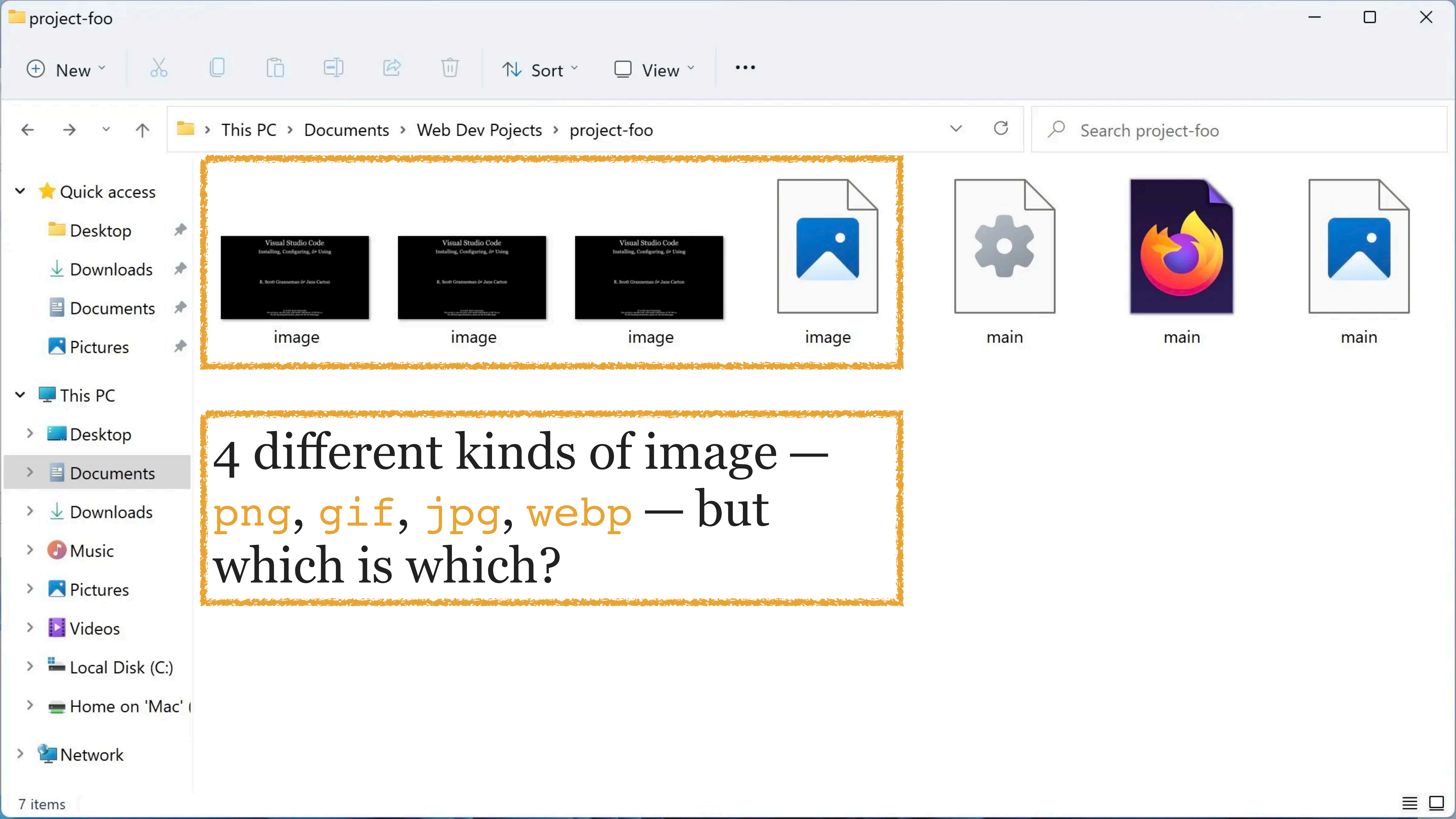




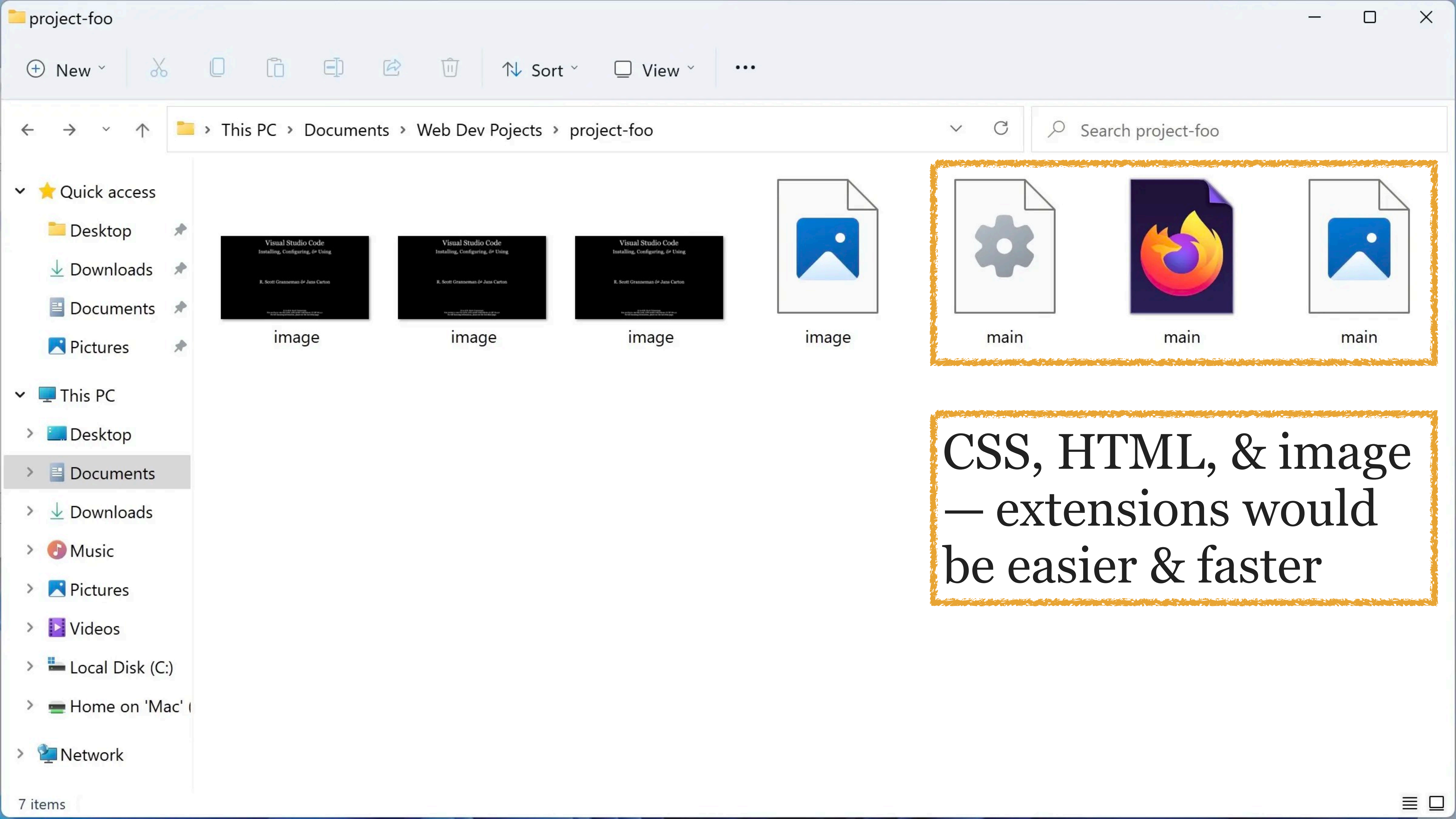
Show File Extensions



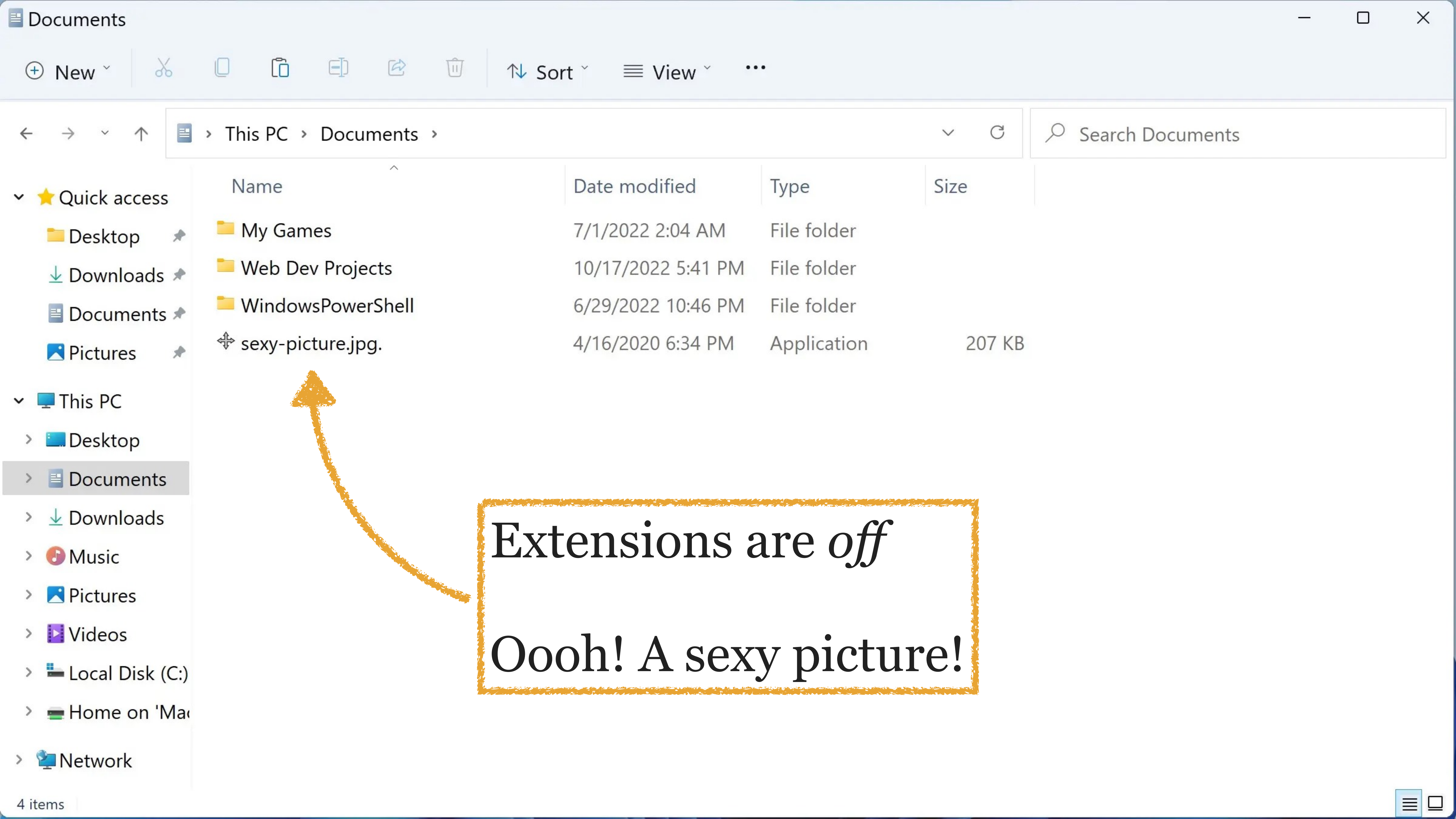
We need to make sure that extensions (e.g., `.html`, `.zip`, `.jpeg`) show up at the ends of filenames



4 different kinds of image —
png, gif, jpg, webp — but
which is which?



CSS, HTML, & image
— extensions would
be easier & faster



New



Sort

View



This PC > Documents >



Search Documents

Name

Date modified

Type

Size

My Games

7/1/2022 2:04 AM

File folder

Web Dev Projects

10/17/2022 5:41 PM

File folder

WindowsPowerShell

6/29/2022 10:46 PM

File folder

sexy-picture.jpg.

4/16/2020 6:34 PM

Application

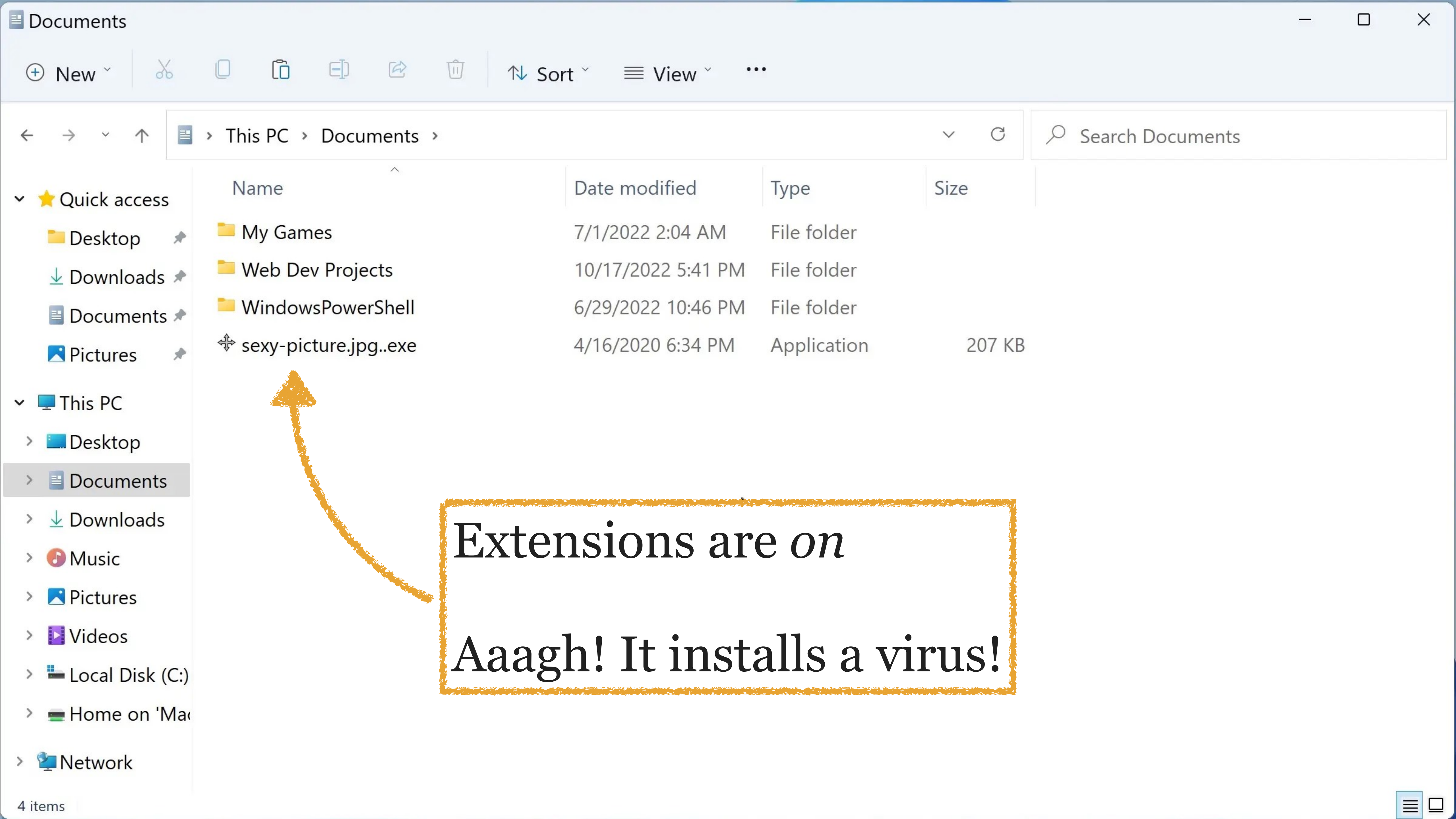
207 KB

Extensions are *off*

Oooh! A sexy picture!

4 items



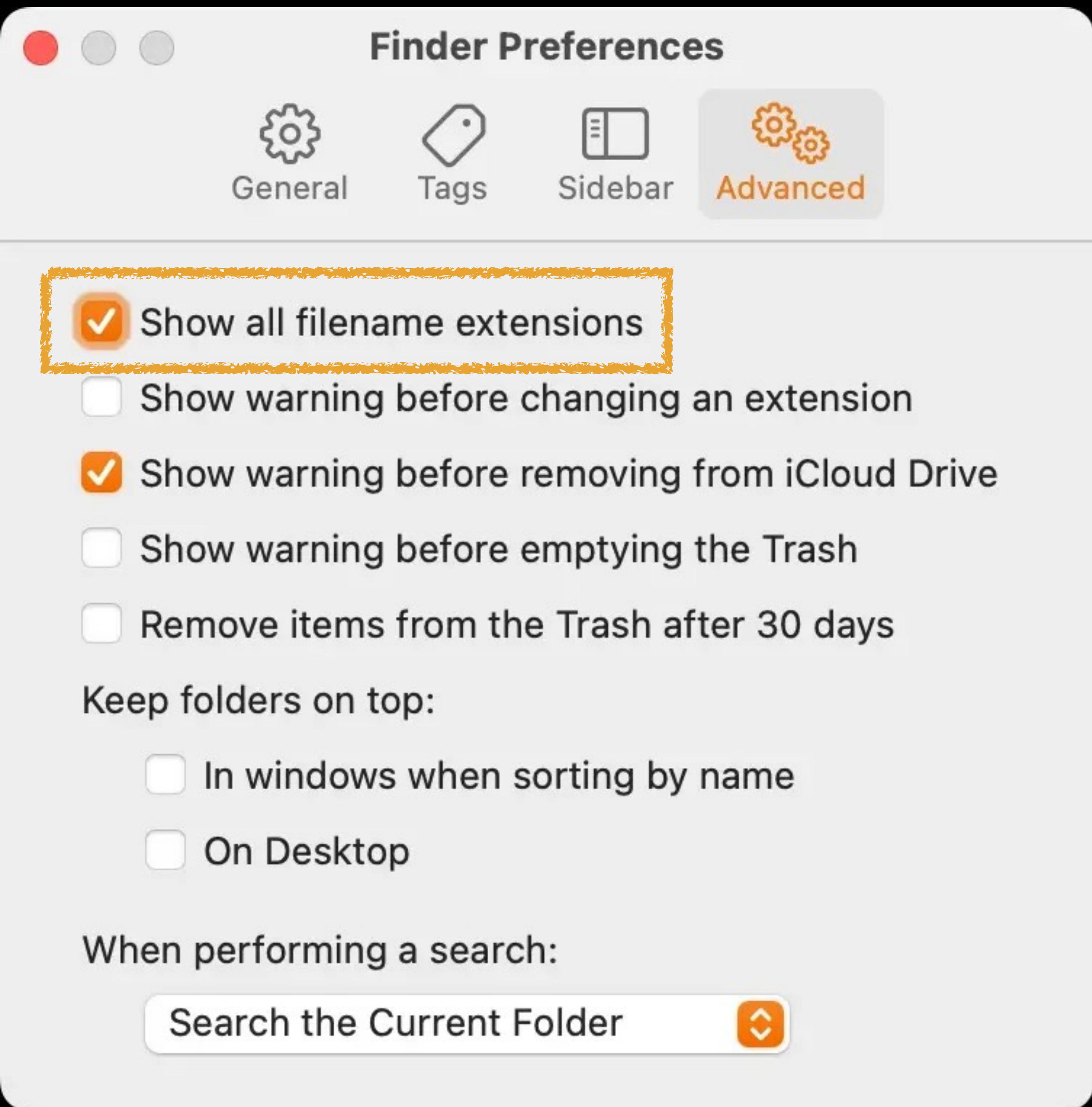


- ▼ ★ Quick access
 - 📁 Desktop ↗
 - 📁 Downloads ↗
 - 📁 Documents ↗
 - 📁 Pictures ↗
- ▼ 🖥️ This PC
 - > 🖥️ Desktop
 - > 📁 Documents
 - > 📁 Downloads
 - > 🎵 Music
 - > 📁 Pictures
 - > 📺 Videos
 - > 🖥️ Local Disk (C:)
 - > 🖥️ Home on 'Mac'
 - > 🌐 Network

Name	Date modified	Type	Size
📁 My Games	7/1/2022 2:04 AM	File folder	
📁 Web Dev Projects	10/17/2022 5:41 PM	File folder	
📁 WindowsPowerShell	6/29/2022 10:46 PM	File folder	
🔗 sexy-picture.jpg..exe	4/16/2020 6:34 PM	Application	207 KB

Extensions are *on*

Aaagh! It installs a virus!



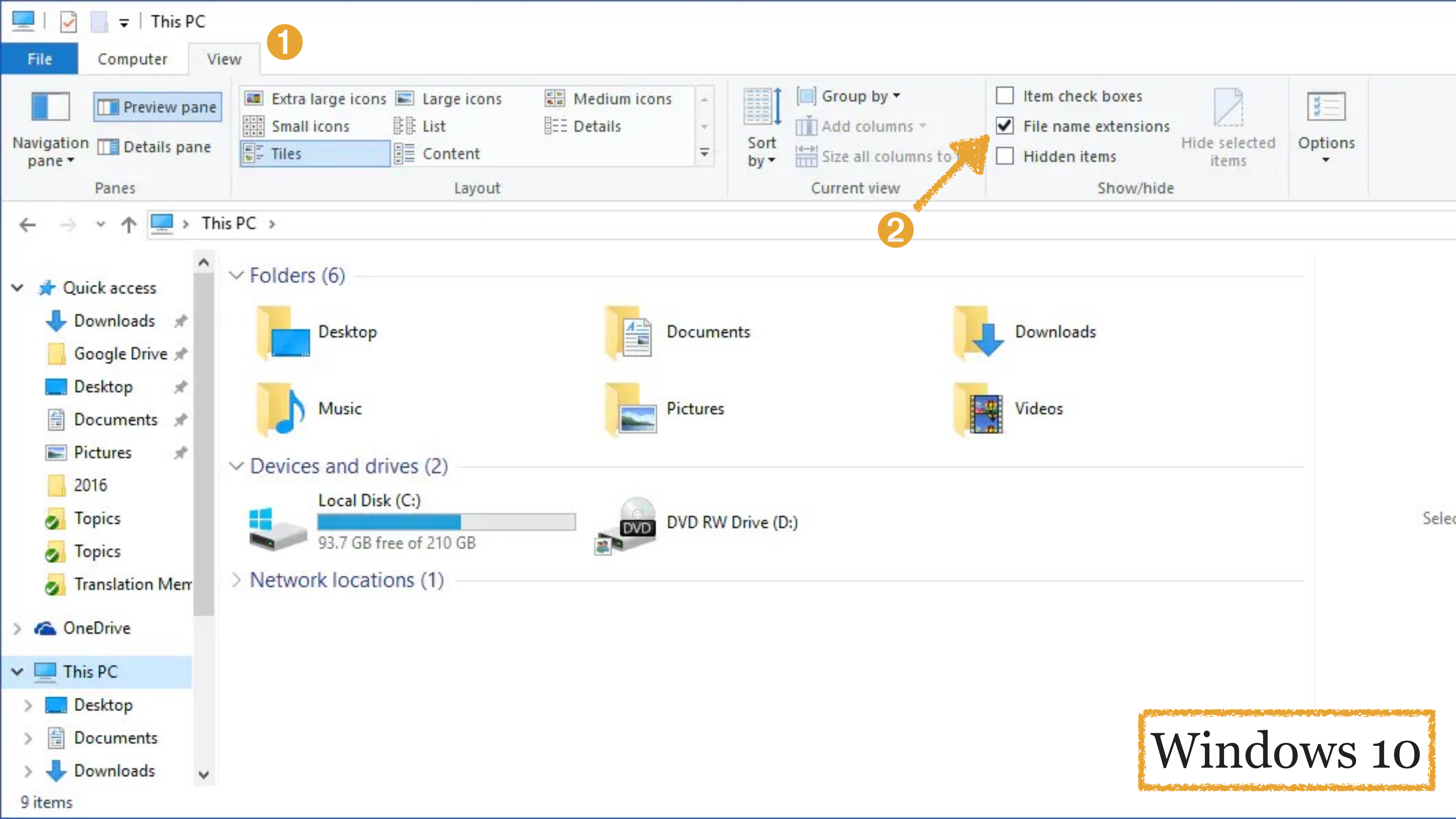
Click on the Finder

Click on Finder > Preferences

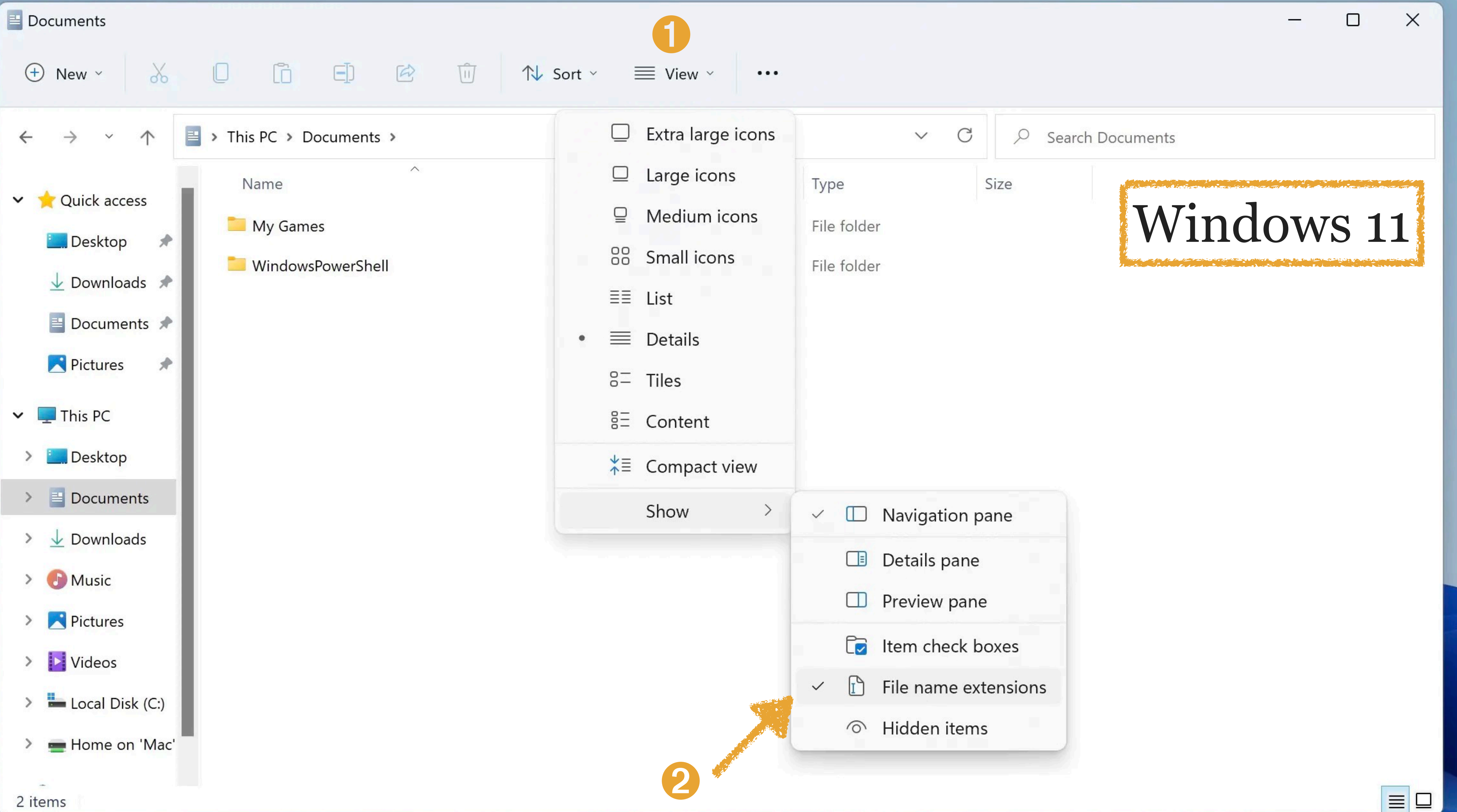
Click on the Advanced button

Check the box next to *Show All Filename Extensions*

Close the Preferences window

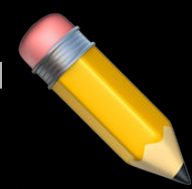


Windows 10





Refer to Configuring Windows To Show Extensions at
www.granneman.com/tech/windows/showextensions/
& follow those directions



SIDE NOTE

For a video about this process, see *Visual Studio Code - Initial Info - Turn on Filename Extensions* at vimeo.com/761686499

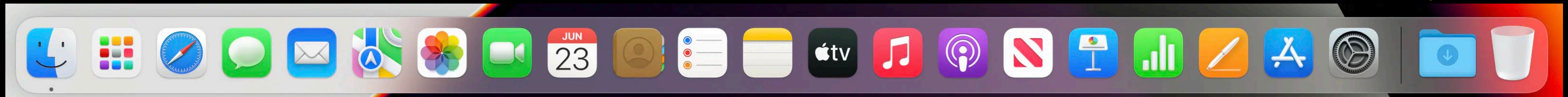


Quickly Switch Between
Apps & Windows



Macs have the *Dock*

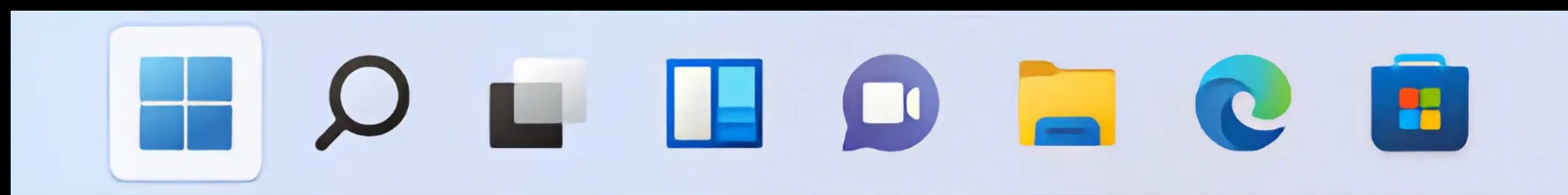
Downloads folder



Apps

Trash

Start / Search / Apps



Windows has the *Taskbar*

Both the Dock & the Taskbar are used to

- » launch apps
- » show what apps are currently open
- » & do many other things

It drives me up the wall when I see a student ...

1. Click on the icon for Visual Studio Code
2. Edit code
3. Take their hands off the keyboard, grab the mouse, & click on the icon for their Web browser
4. View the webpage
5. Click on the icon for Visual Studio Code
6. Edit code
7. Take their hands off the keyboard, grab the mouse, & click on the icon for their Web browser
8. Repeat, repeat, repeat

Instead, use your operating system's *switcher*



Alt+Tab: Hold down **Alt** with your thumb & press **Tab** with your middle finger to switch between app windows

Remove your fingers when you have selected the app you want to switch to



⌘→: Hold down ⌘ with your thumb & press → (Tab) with your middle finger to switch between apps

Remove your fingers when you have selected the app you want to switch to

One very big difference between the two operating systems

Windows switches between app *windows*

macOS switches between *apps*

Let's say you have 3 apps open:

- » Word, with 2 docs open, so 2 windows
- » Firefox, with 2 different windows open (not tabs)
- » Visual Studio Code, with 1 window

3 apps, 5 windows

Windows switches between all 5 windows

macOS switches between the 3 apps

Why?

Because Windows is a *windows*-centric OS

macOS is an *application*-centric OS

On a Mac, once you have selected an app, you can switch between its windows using ⌘ (the *backtick*, to the left of 1)

Both Windows & macOS switchers order apps/windows by most recently used

Therefore, using **Alt+Tab** or **⌘→** once will switch to the previously-used app

Using **Alt+Tab** or **⌘→** once more will switch back to the first app

If you are working with 2 apps/windows, this makes it very easy to switch quickly back & forth between them!

It makes me happy when I see a student ...

1. Open Visual Studio Code
2. Edit code
3. Press **Alt+Tab** or **⌘→** to switch to their Web browser
4. View the webpage
5. Press **Alt+Tab** or **⌘→** to switch back to VS Code
6. Edit code
7. Press **Alt+Tab** or **⌘→** to switch back to their Web browser
8. Repeat, repeat, repeat

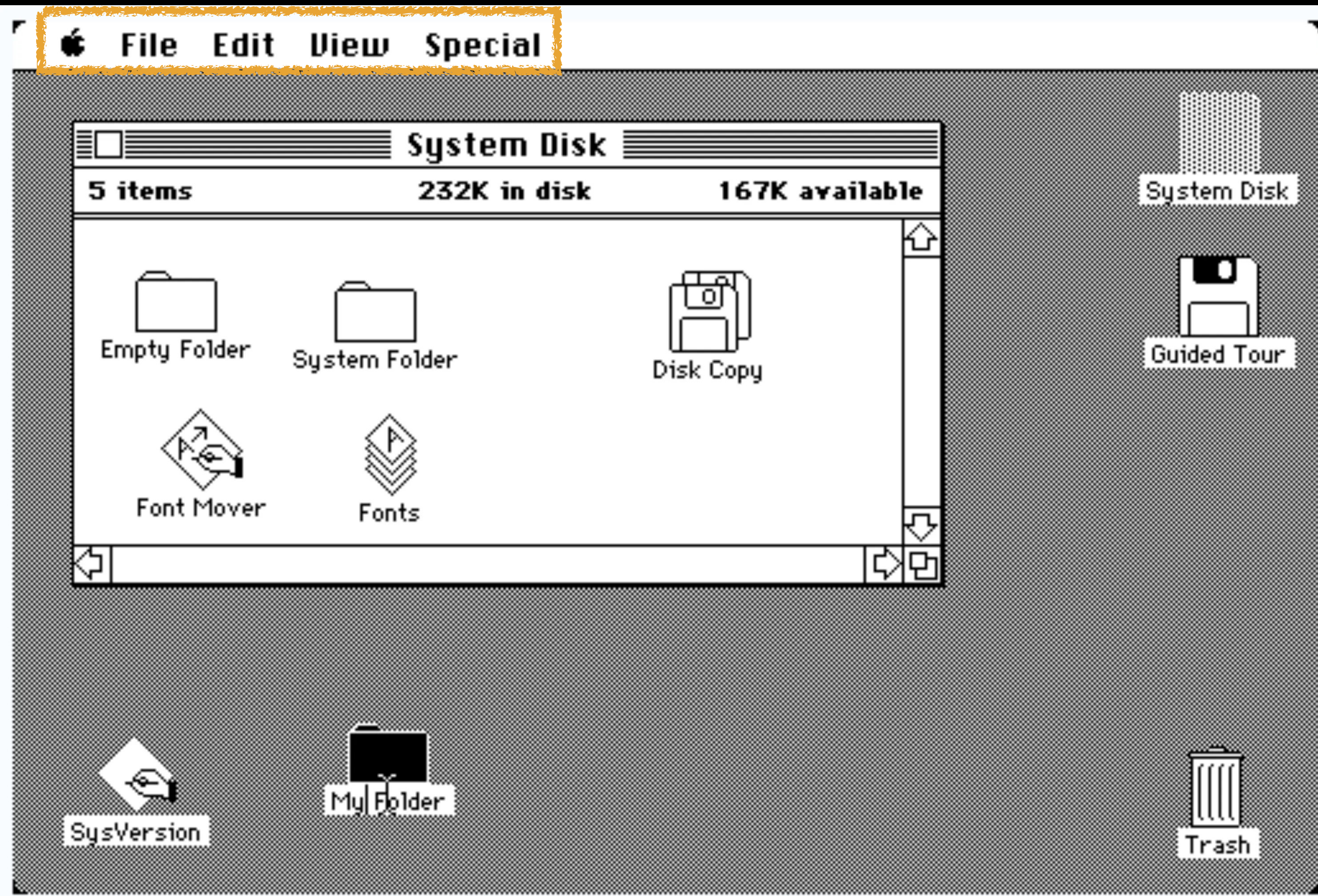
Try it!

Use it every day until it becomes automatic & you don't even think about it



Using the Web

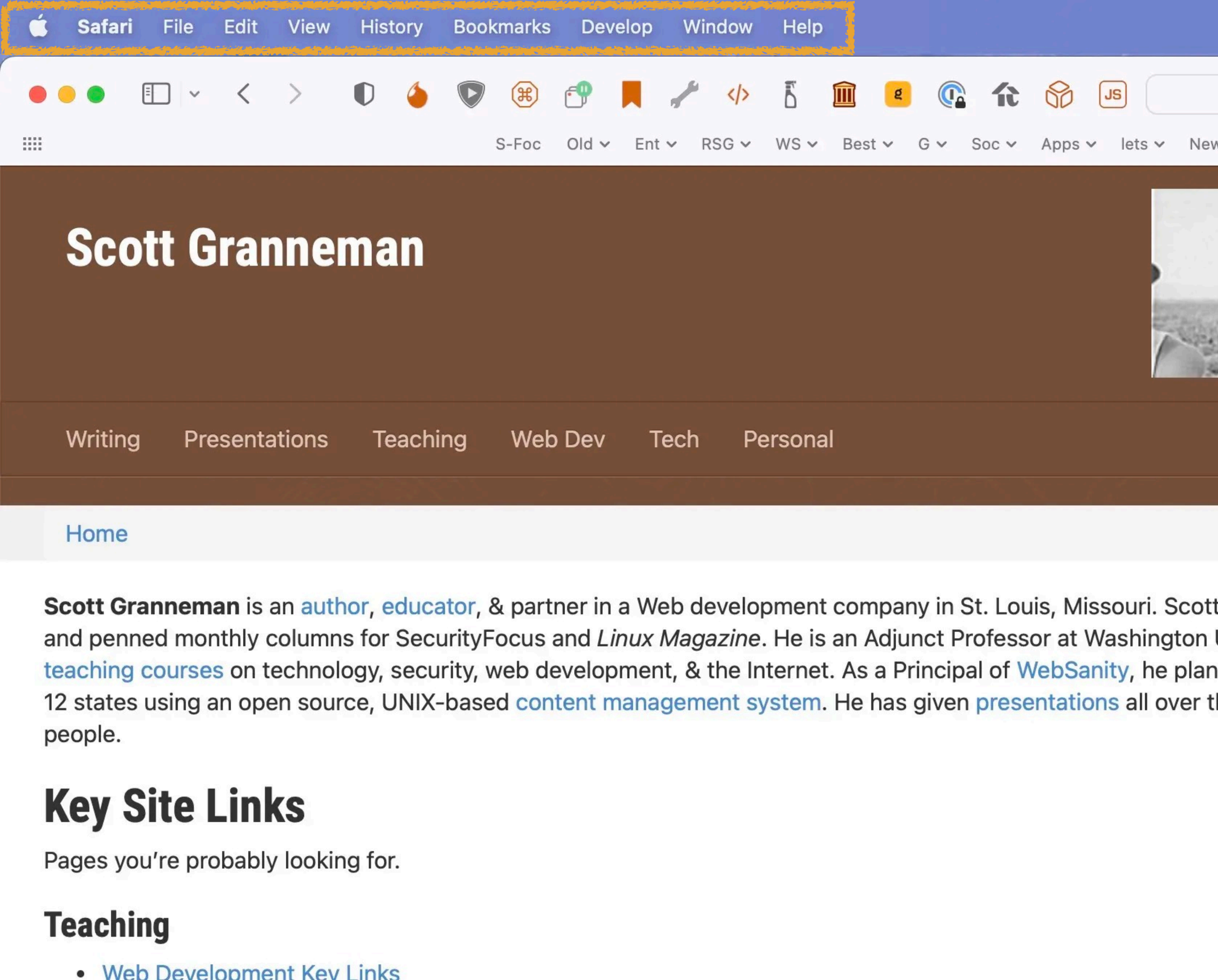
Menu Bars & Hamburger Menus



Since the original Macintosh in 1984, Macs have always had a *menu bar* at the top of the screen



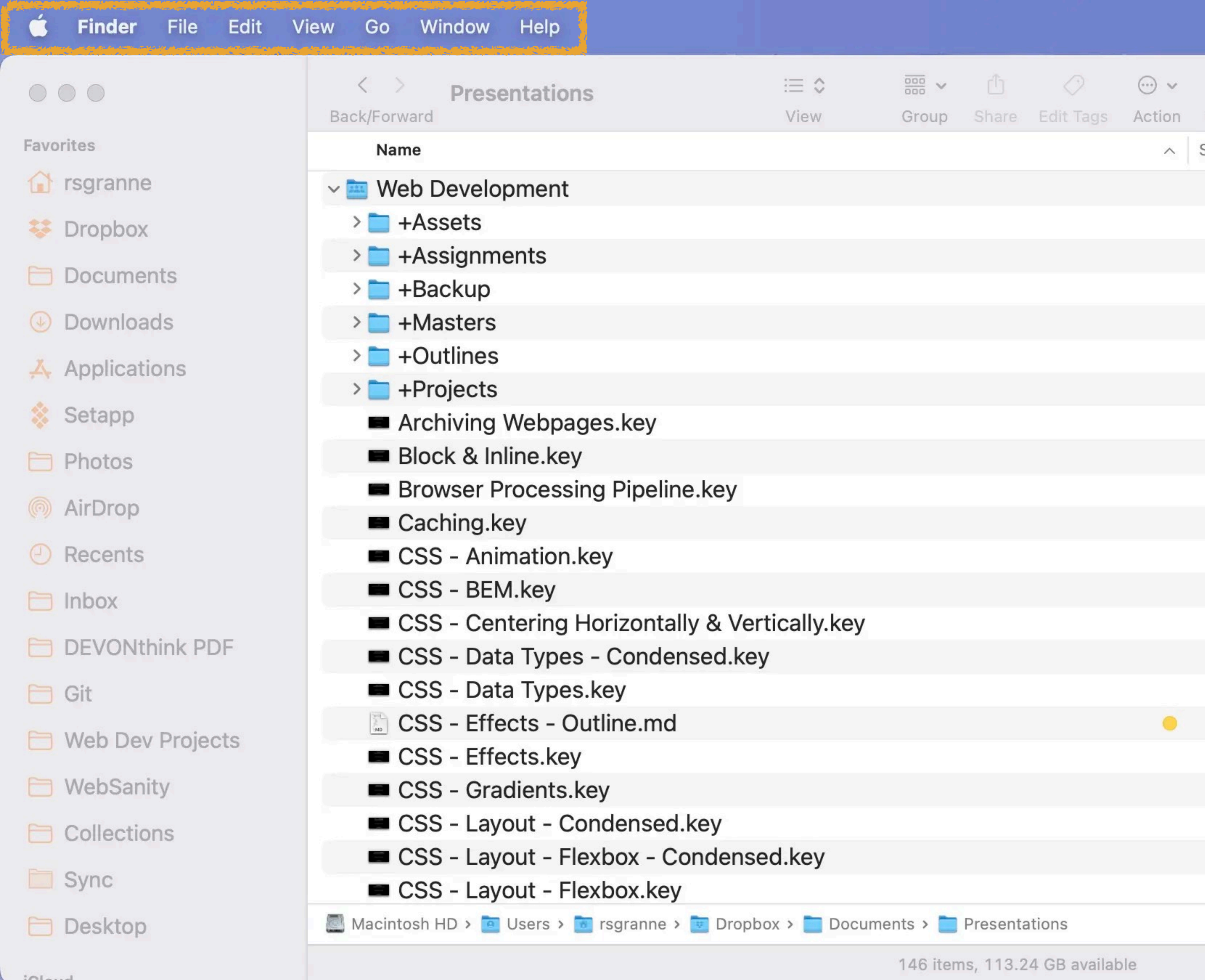
The menu bar
changes its
menus
according to
which app is
open



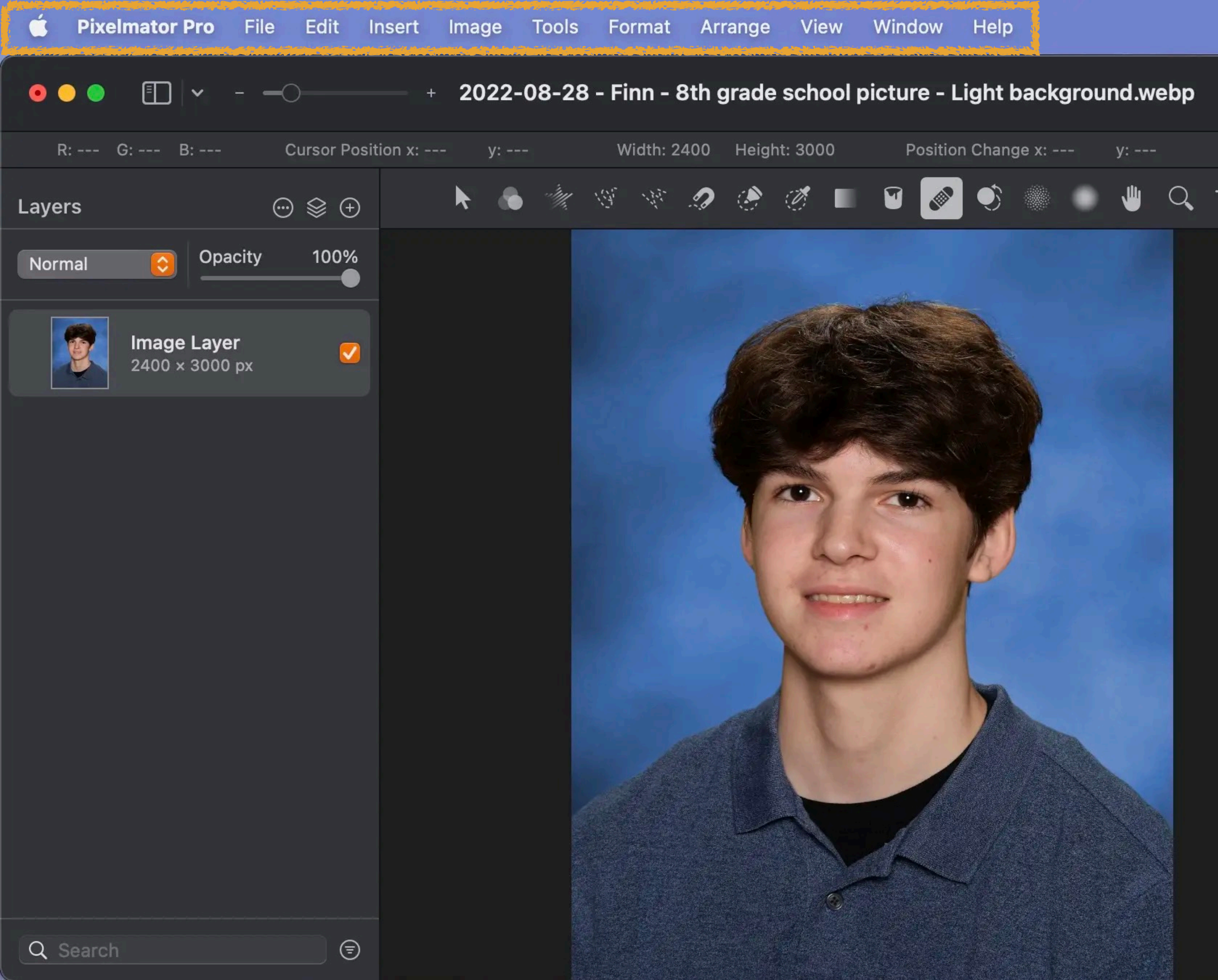
The menu bar is still there today, 40 years later, in the newest versions of macOS

And it still changes along with the app

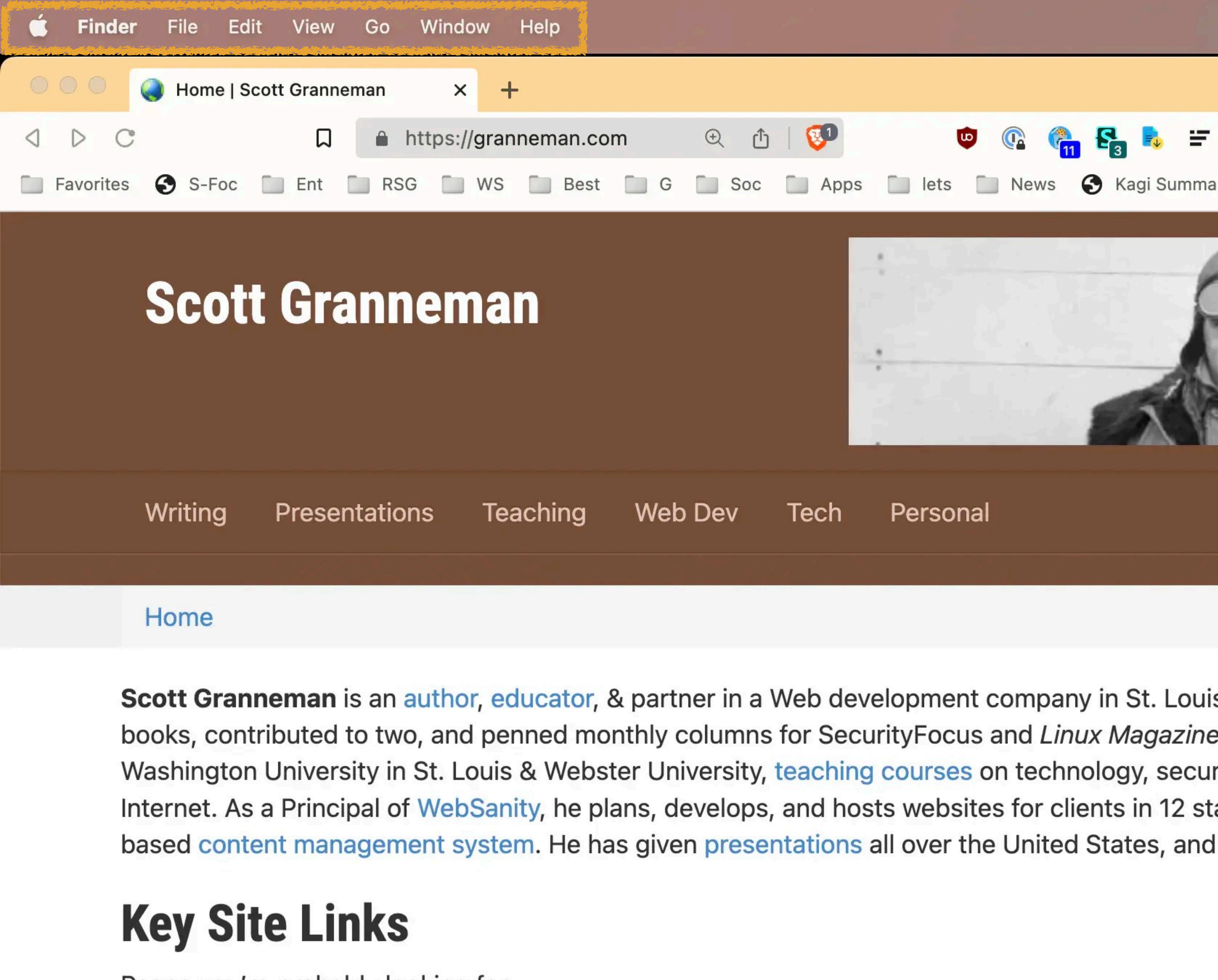
Safari



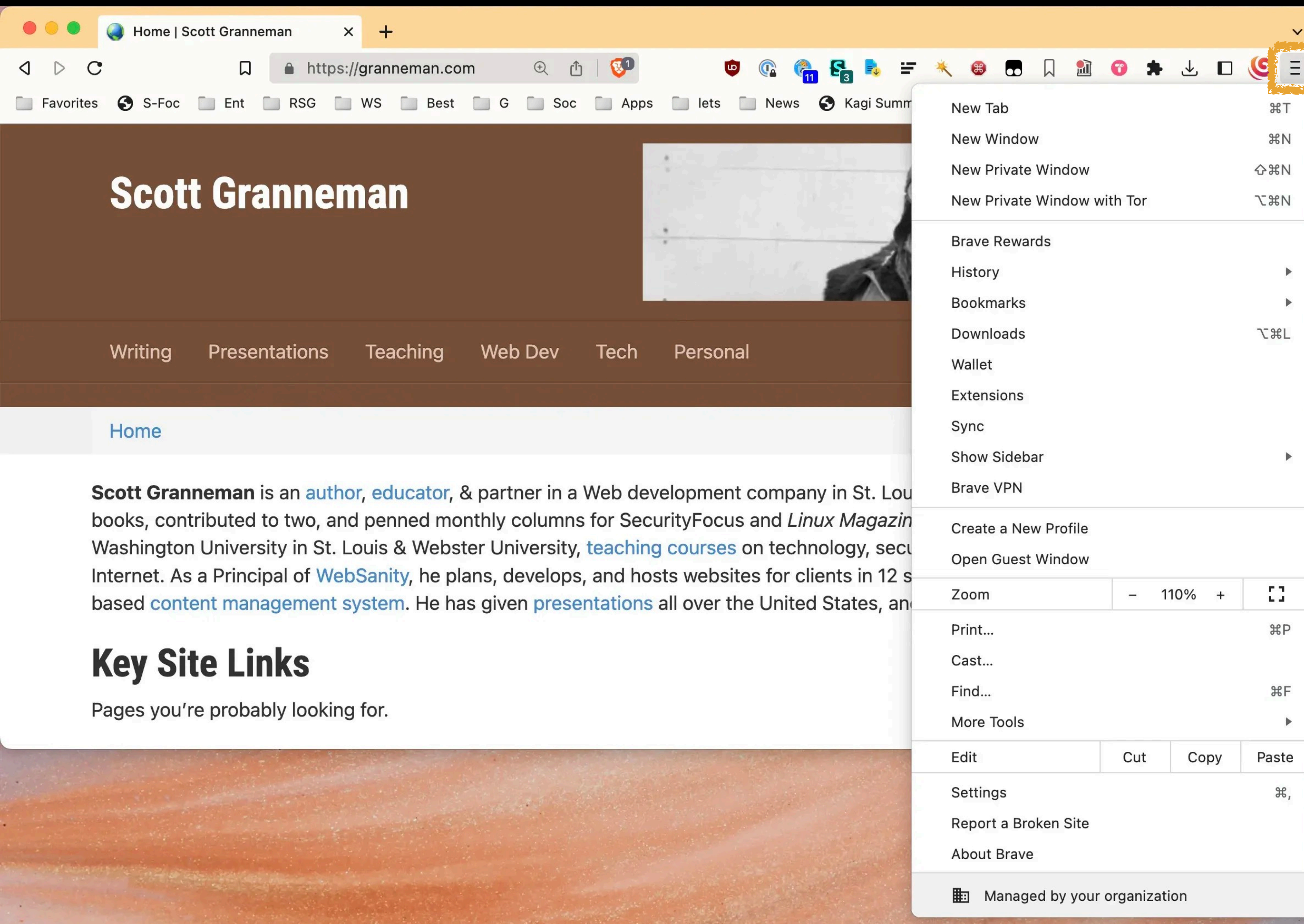
Finder (the file manager)



Pixelmator Pro

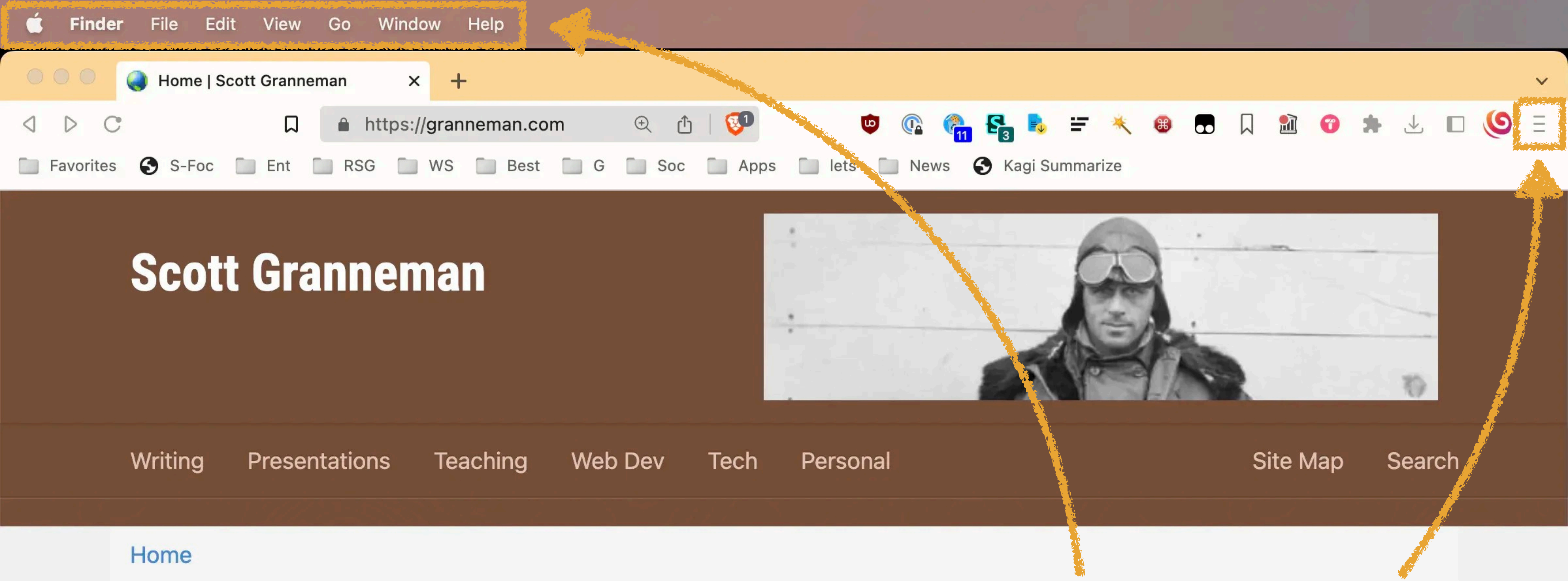


Brave, my Web
browser of
choice



Brave also puts important commands, settings, & more into a hamburger menu ≡ in the top right

Most Web browsers do this



So on a Mac, you can use either the menu bar or the ≡

However, ≡ doesn't contain everything in the menu bar

Key Site Links

So you can get to
Extensions using
the *Window* menu
in the menu bar...

- Minimize ⌘ M
- Zoom
- Tile Window to Left of Screen
- Tile Window to Right of Screen
- Replace Tiled Window
- Remove Window from Set
- Move to VG275
- Show As Tab
- Name Window...
- Downloads ⌘ J
- Extensions**
- Task Manager
- Bring All to Front
- </> htmx - high power tools for html
- ChatWith+
- ✓ Home | Scott Granneman
- LlamaIndex - Data Framework for LLM Applications
- Safari Technology Preview 174 Release Notes | Apple Developer Documentation
- Unsubscribe from our newsletter | Vivaldi Browser

Home

Scott Granneman is an [author](#), [educator](#), & partner in books, contributed to two, and penned monthly columns for Washington University in St. Louis & Webster University, [teaching courses](#) on technology, security, web development, & the Internet. As a Principal of [WebSanity](#), he plans, develops, and hosts websites for clients in 12 states using an open source, UNIX-based [content management system](#). He has given [presentations](#) all over the United States, and loves speaking to people.

Key Site Links

...or you can get to
Extensions via the
hamburger menu
— both work!

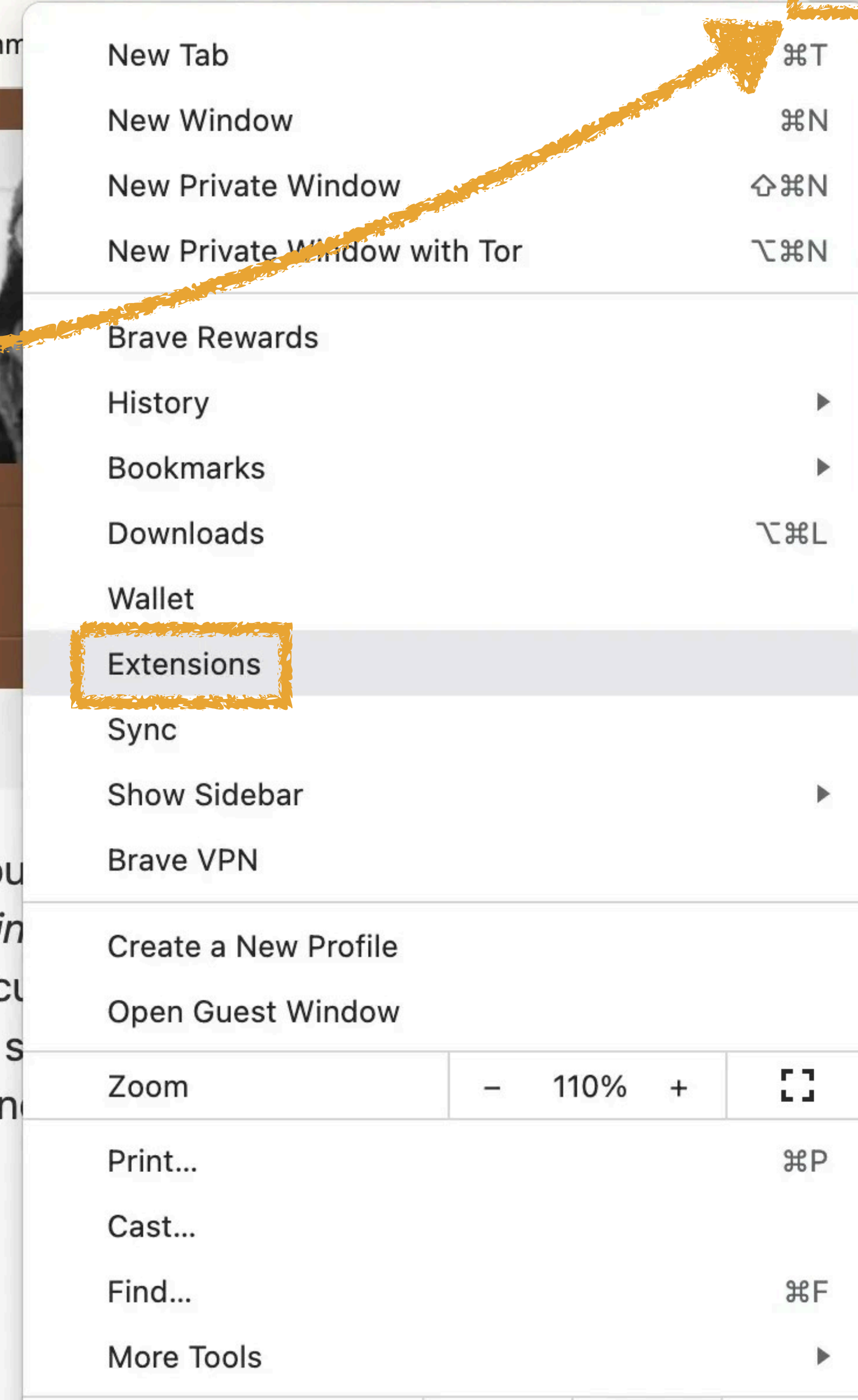
Web Dev Tech Personal

[Home](#)

Scott Granneman is an [author](#), [educator](#), & partner in a Web development company in St. Louis. He has written several books, contributed to two, and penned monthly columns for SecurityFocus and *Linux Magazine*. He is an Adjunct Professor at Washington University in St. Louis & Webster University, [teaching courses](#) on technology, security, and the Internet. As a Principal of [WebSanity](#), he plans, develops, and hosts websites for clients in 12 states. He has developed a [web-based content management system](#). He has given [presentations](#) all over the United States, and

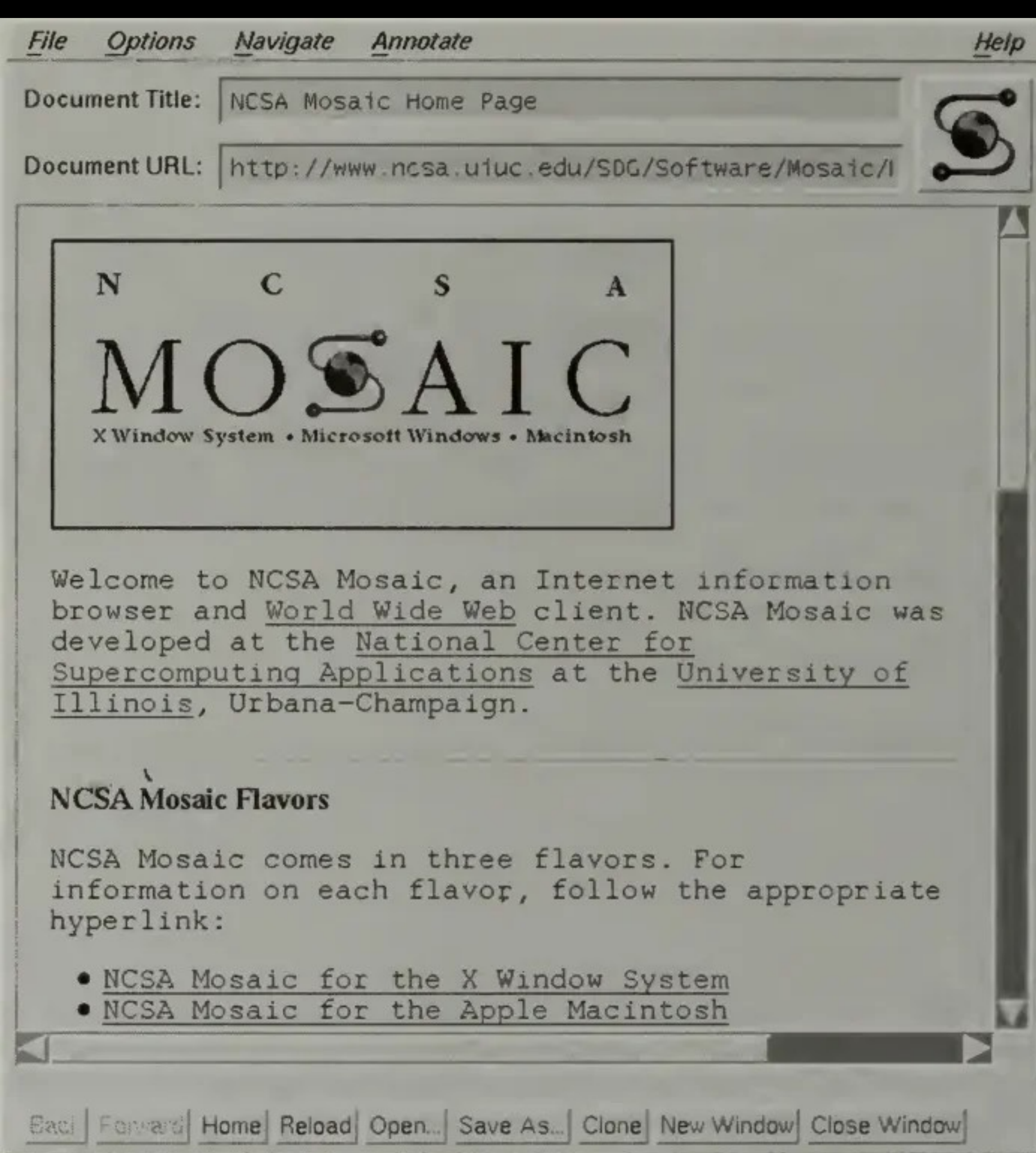
Key Site Links

Pages you're probably looking for.

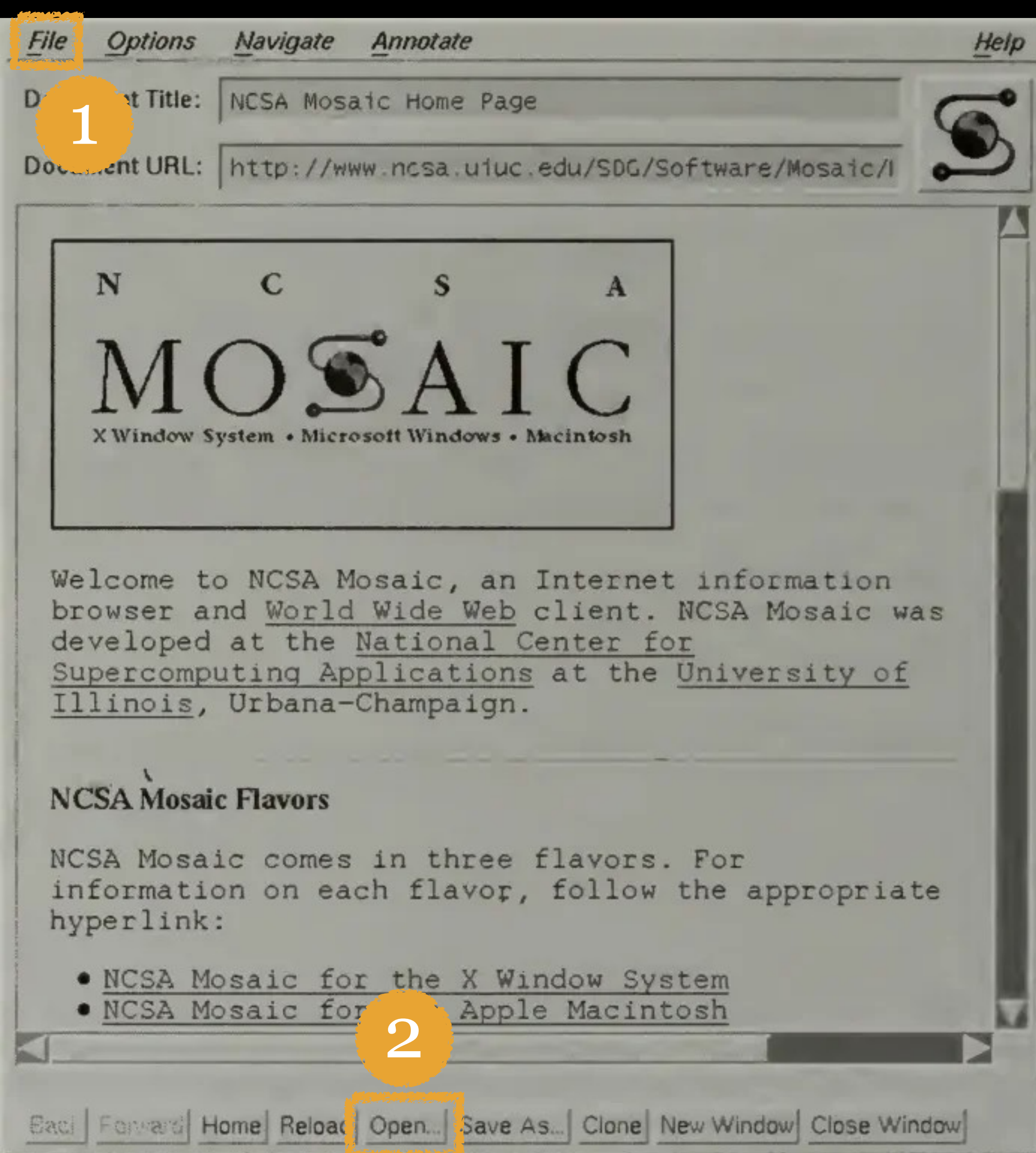


On Windows, however, most browsers *only* use a hamburger menu & don't provide a menu bar at all

Going to a URL vs Searching



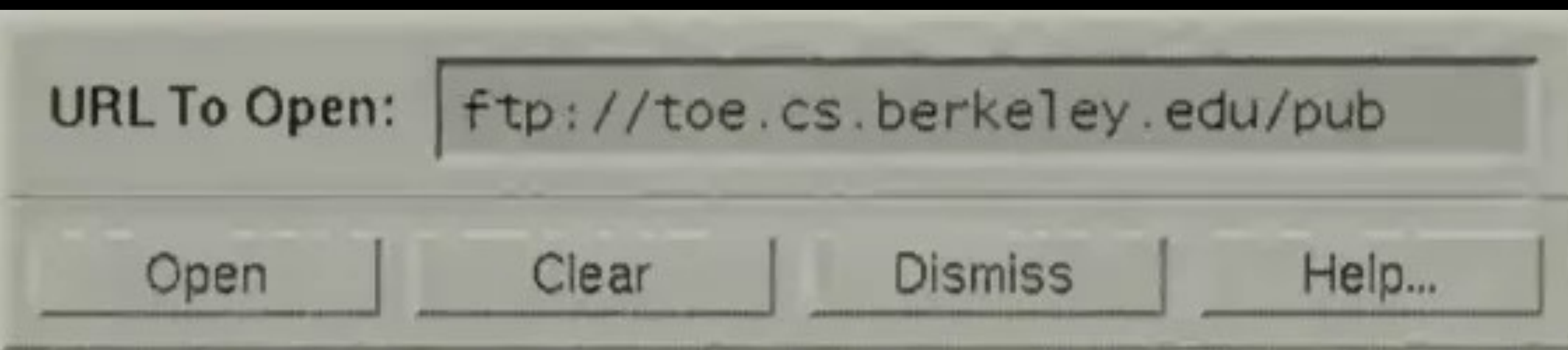
In 1993, the National Center for Super-computing Applications at the U. of Illinois at Urbana-Champaign released Mosaic, the first popular Web browser



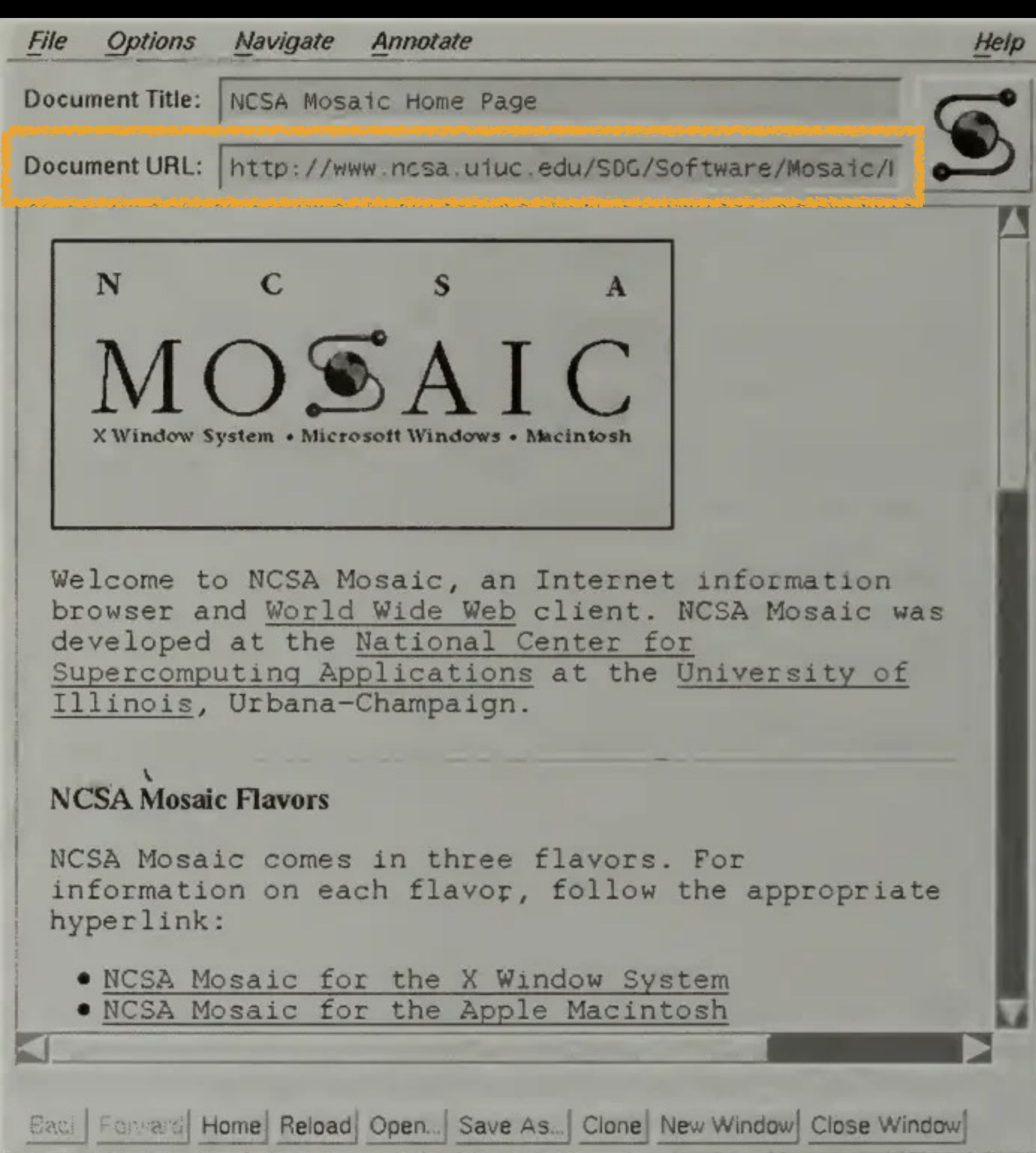
To go to a new webpage that was not already available as a link on the current webpage, you either:

1. File > Open URL...
2. Click on the Open... button at the bottom of the window

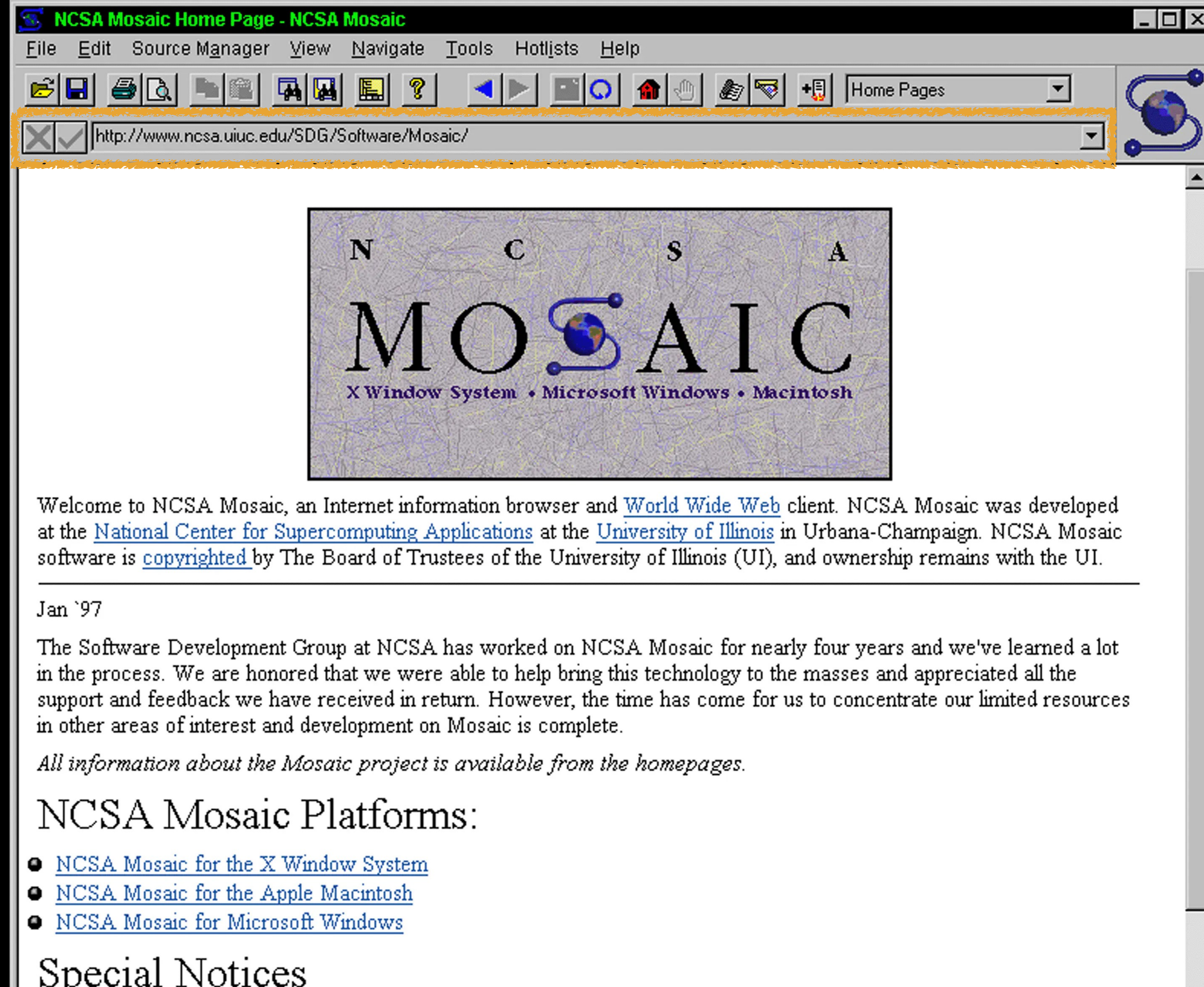
When you clicked on Open..., this small dialog box appeared into which you typed the URL & then pressed Open



The dialog box would close & the webpage would load

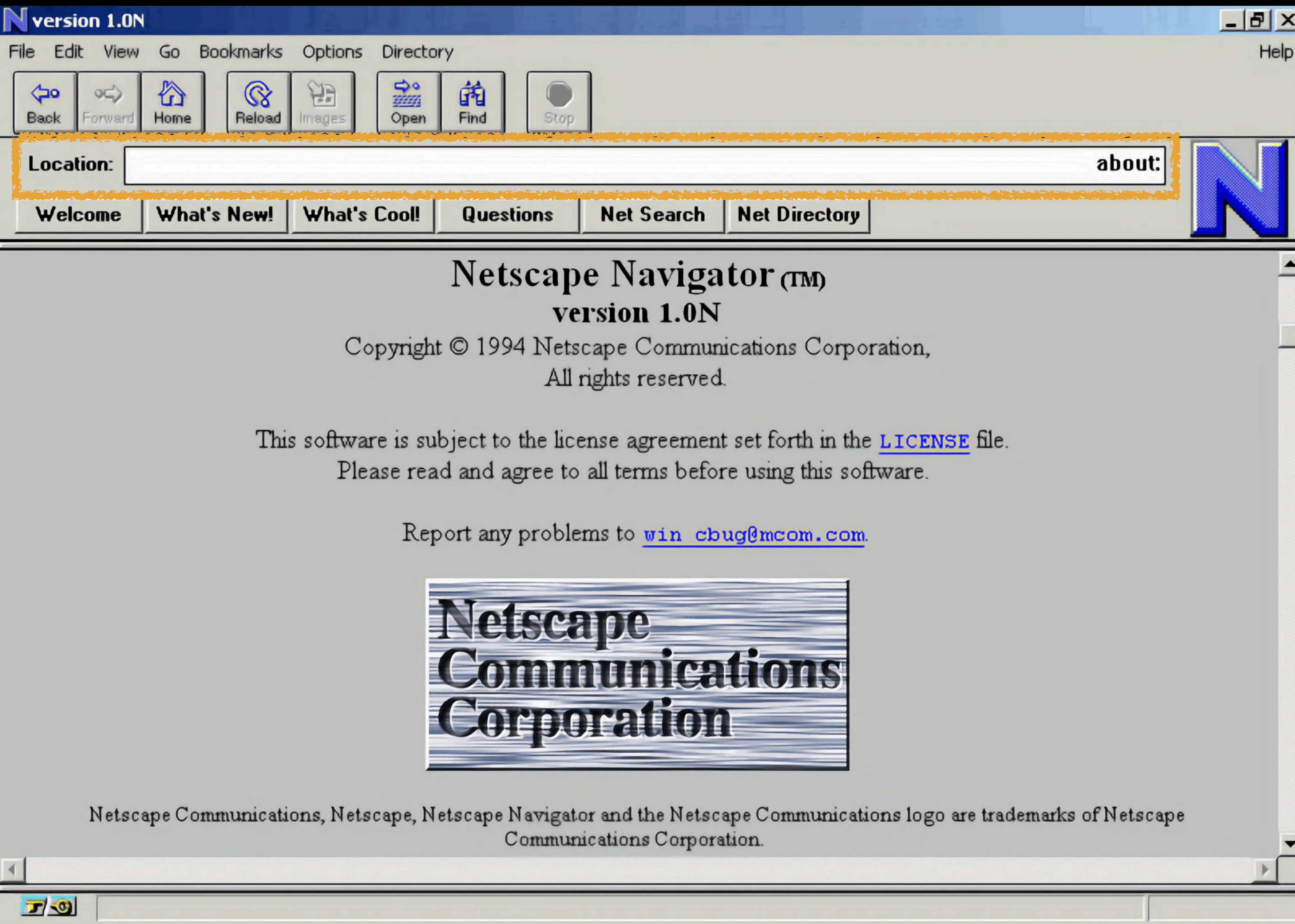


You might be thinking that you could just type the URL in that field next to Document URL, but you couldn't — that displayed the URL but was not editable...

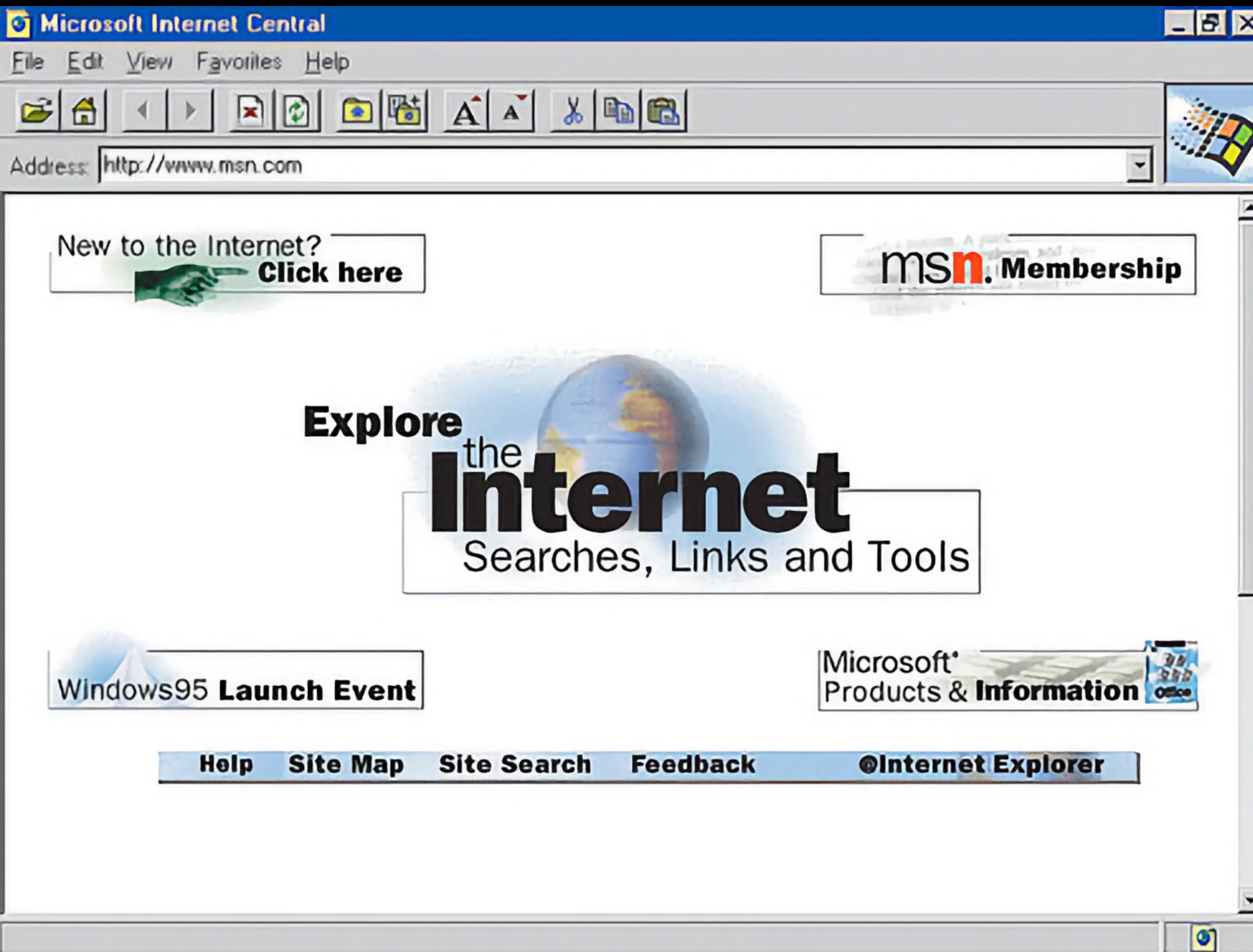


...until version 2.6, released in 1995, when you could finally edit the “URL text field”

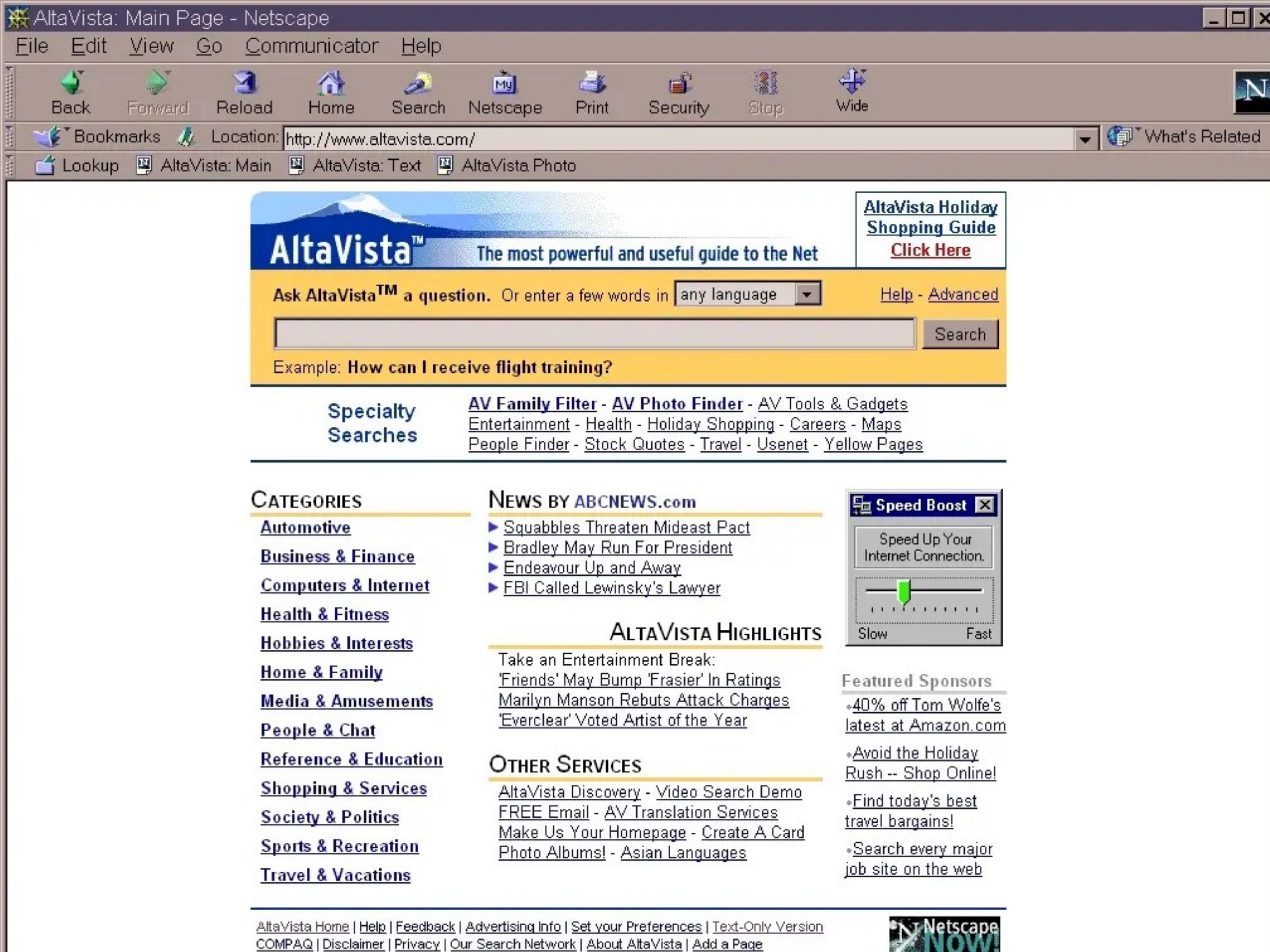
By 1997, Mosaic was dead, thanks to Netscape & Internet Explorer



When Netscape 1 was released in December 1994 (prior to Mosaic 2.6), it had an editable “Location” field



When Internet Explorer 1 came out in 1995, it also had an editable Address bar



So how did people search on the Web back then?

They went to the search engine's webpage & typed their query in there!



Safari

The fastest browser on the Mac – the best browser on any platform.



Download Safari 1.2

Safari, the Mac OS X default web browser, offers you a superior web experience with outstanding performance. Even the most complex of pages load at breakneck speed. In fact, Safari loads pages more quickly than any other Mac web browser. But that's not all. Safari uses the advanced interface technologies underlying Mac OS X to offer you an all-new view of the web, one that's much easier to use.

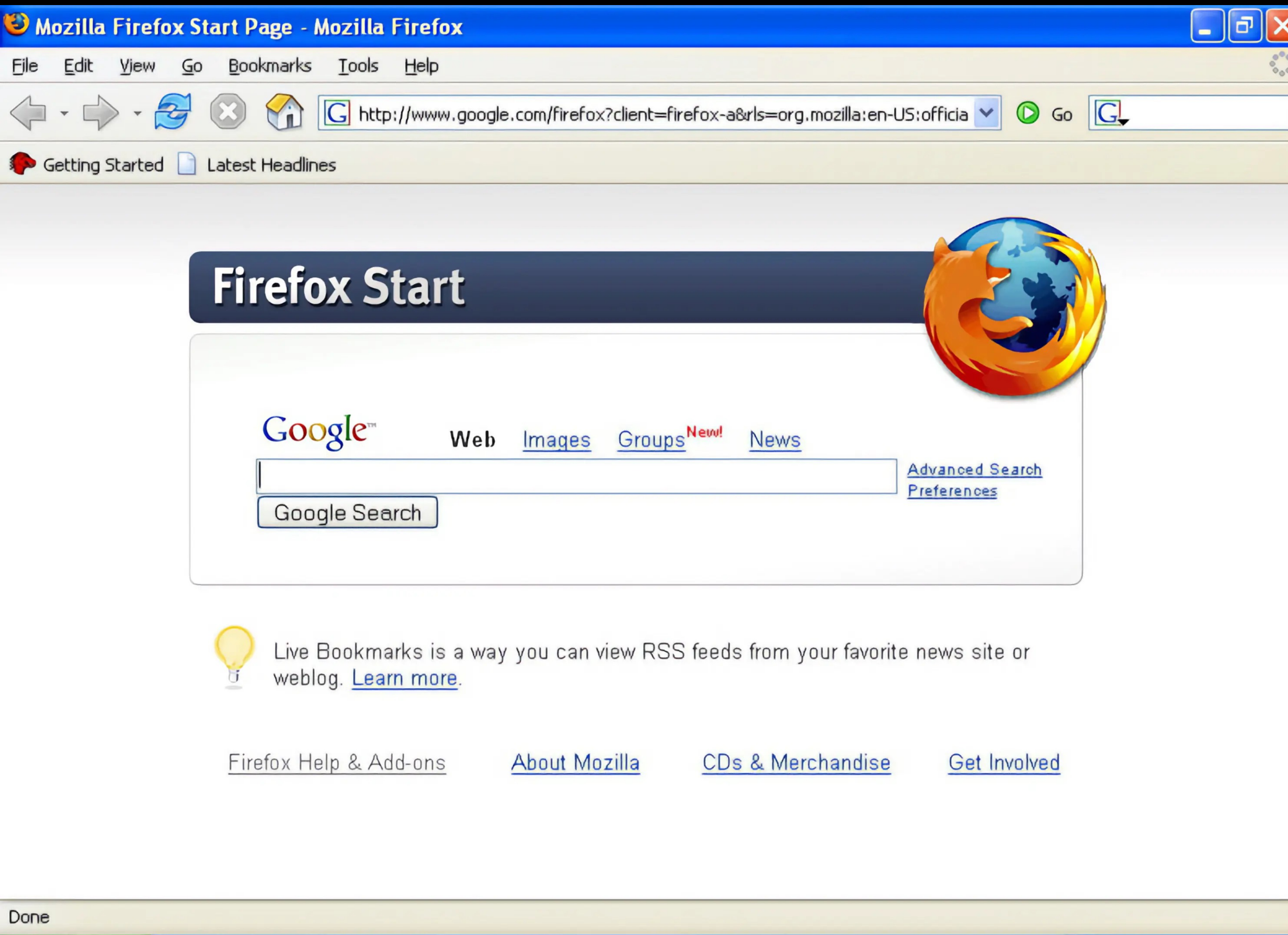
Sneak preview
Mac OS X v10.4 Tiger



Learn More About Safari

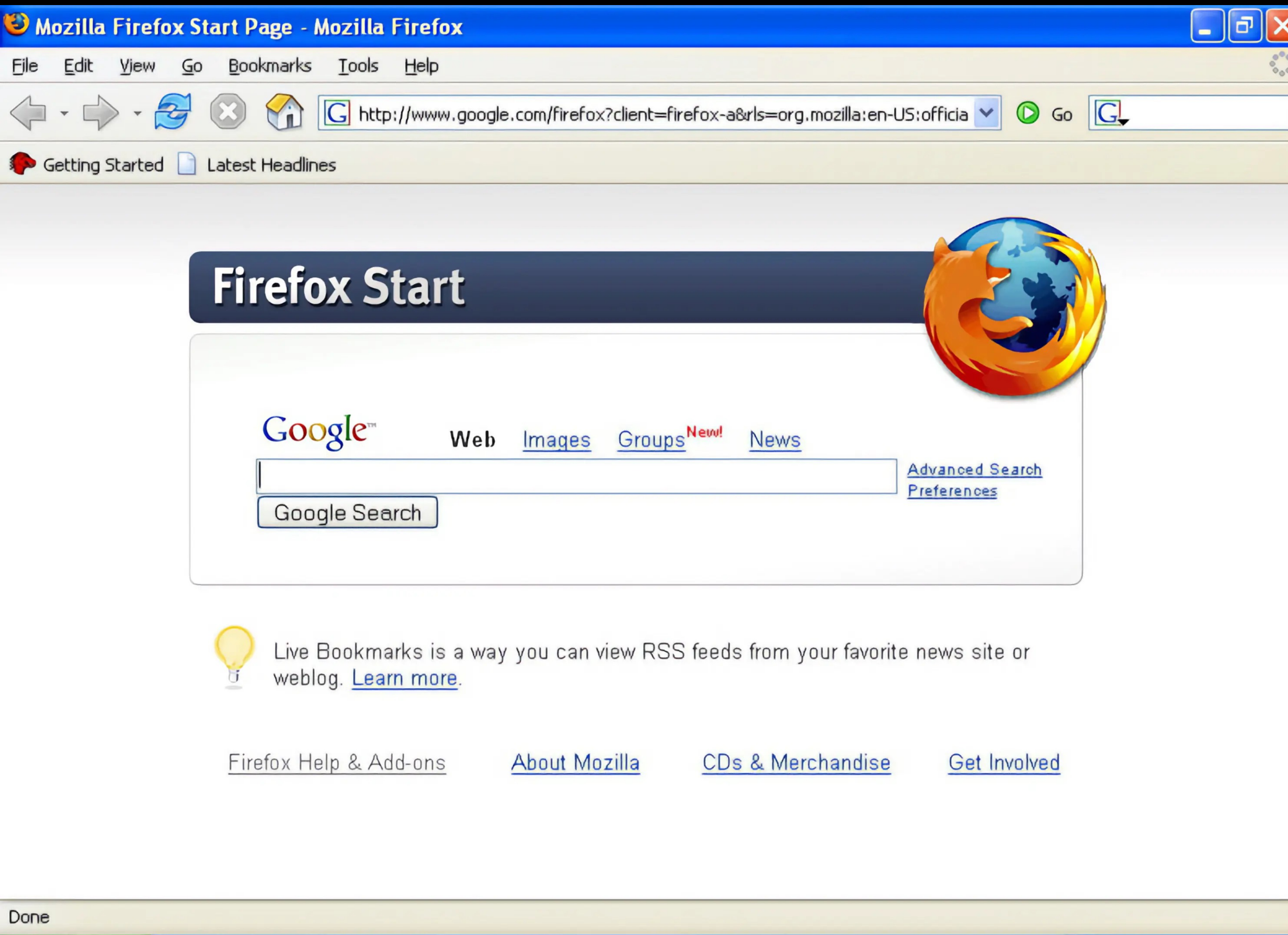
New in Safari 1.2

- Improved compatibility with websites and web applications
- Support for personal certificate authentication



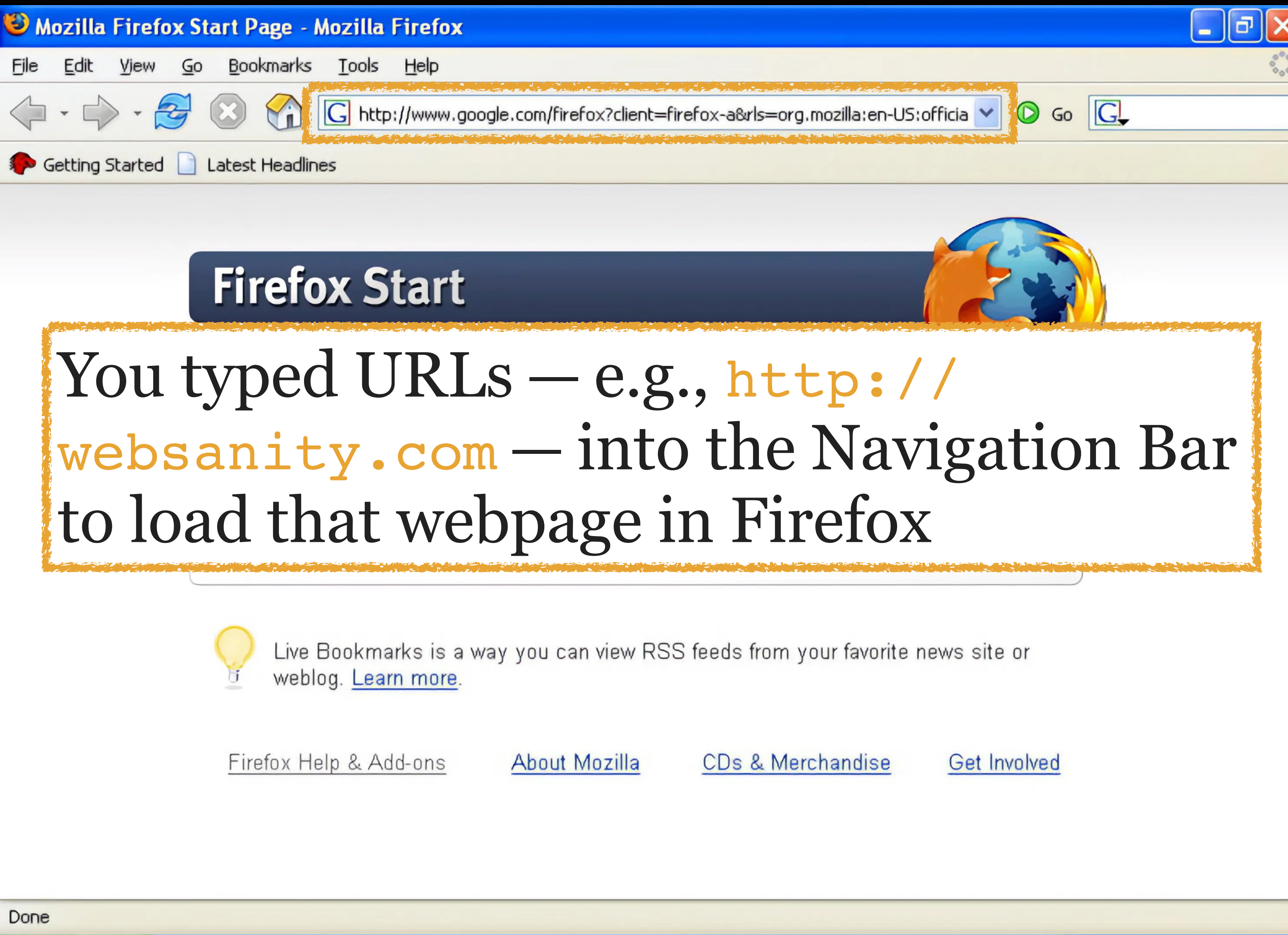
In 2004, Firefox
1 was released

It brought many
new features &
innovations



Firefox 1
introduced 2
toolbars:

1. Navigation Bar
2. Search Bar



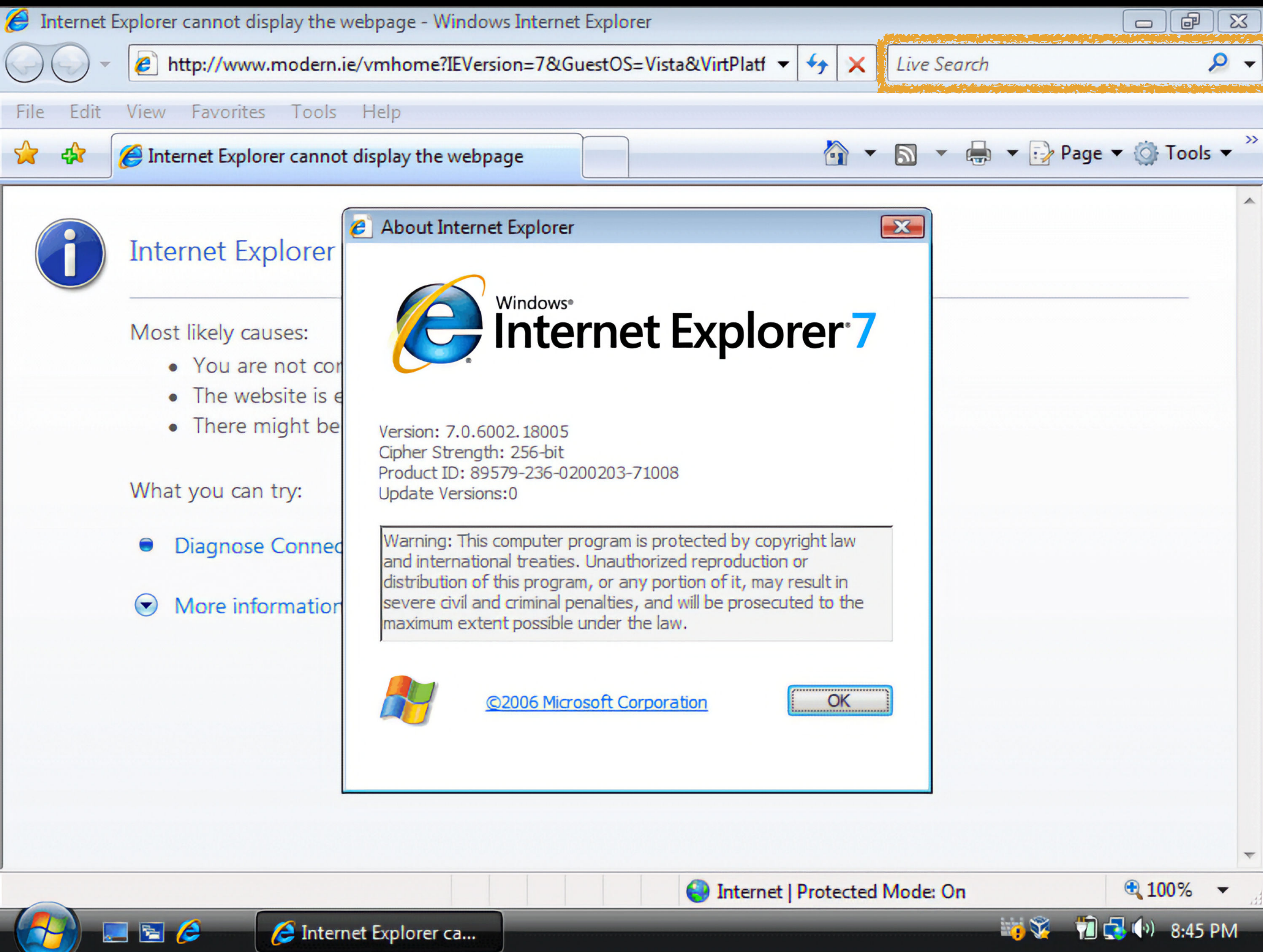
Firefox 1
introduced 2
toolbars:

1. Navigation Bar
2. Search Bar



Firefox 1 introduced 2 toolbars:

1. Navigation Bar
2. Search Bar



In 2006,
Microsoft
released
Internet
Explorer 7,
which added a
“Search Box” to
the *Address bar*

In 2008 Google announced its new Chrome Web browser with a 39-page explanatory comic book drawn by Scott McCloud

On page 19, Google explained that Chrome was not going to have a separate address bar & search bar

Instead, they would be combined into the *Omnibox*

AND BECAUSE THE TABS ARE THE MOST IMPORTANT PART OF THE UI, EACH TAB HAS ITS OWN CONTROLS.

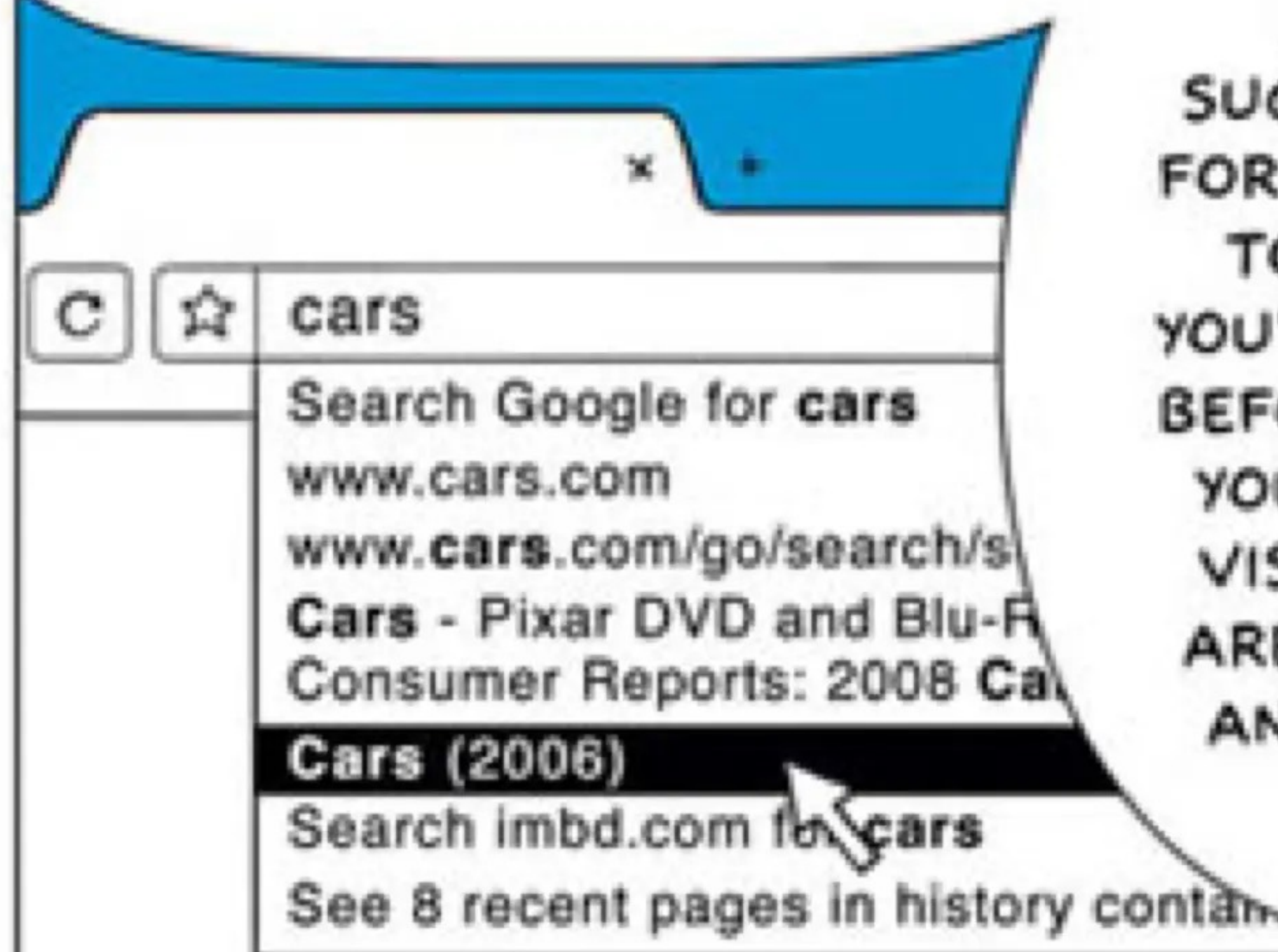
AND ITS OWN URL BOX.



WHICH AROUND HERE WE'VE BEEN CALLING THE 'OMNIBOX.'



THE OMNIBOX HANDLES FAR MORE THAN JUST URLS.



IT ALSO OFFERS SUGGESTIONS FOR SEARCHES, TOP PAGES YOU'VE VISITED BEFORE, PAGES YOU HAVEN'T VISITED BUT ARE POPULAR AND MORE...

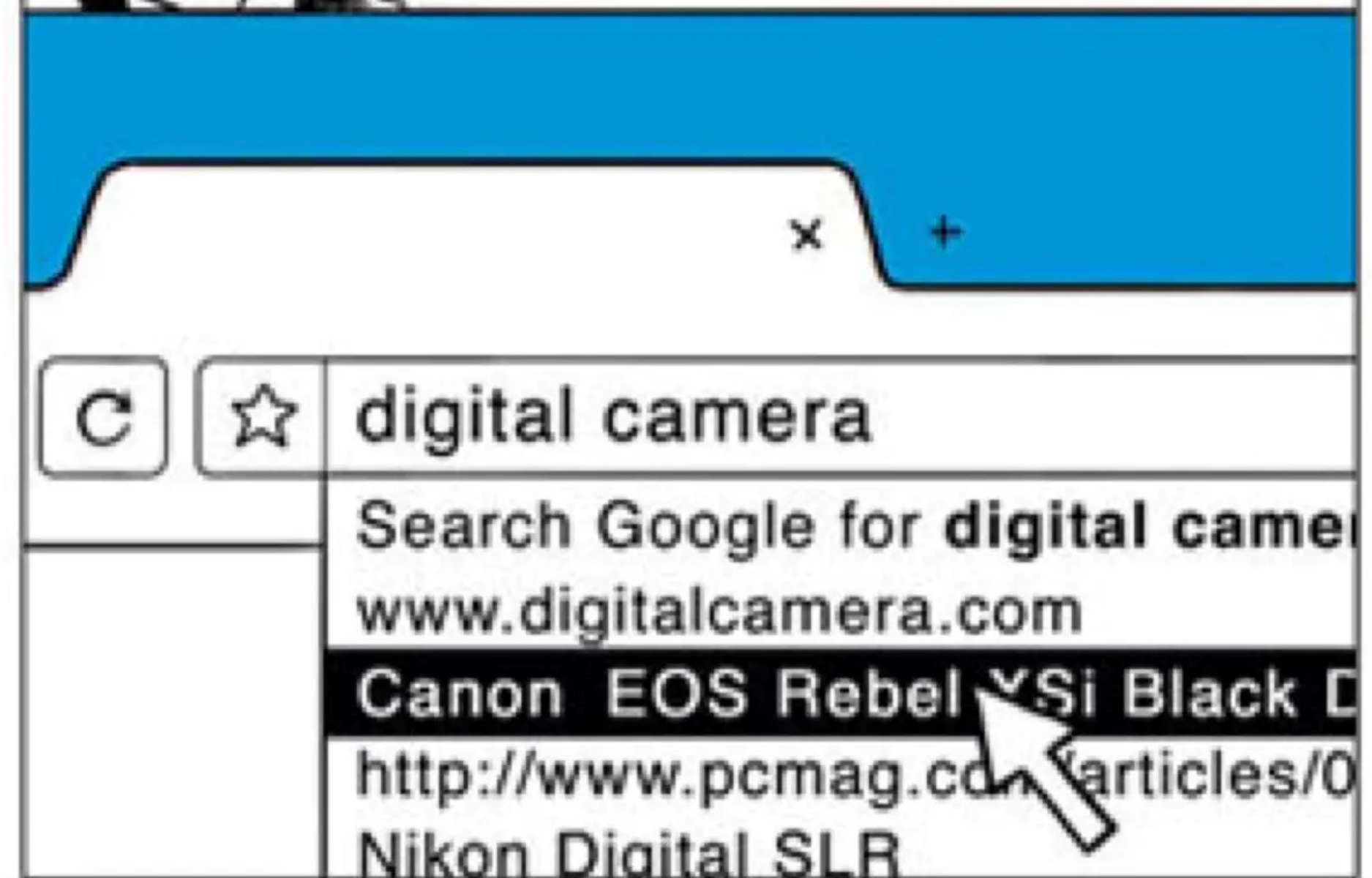
Glen Murphy,
Software Engineer

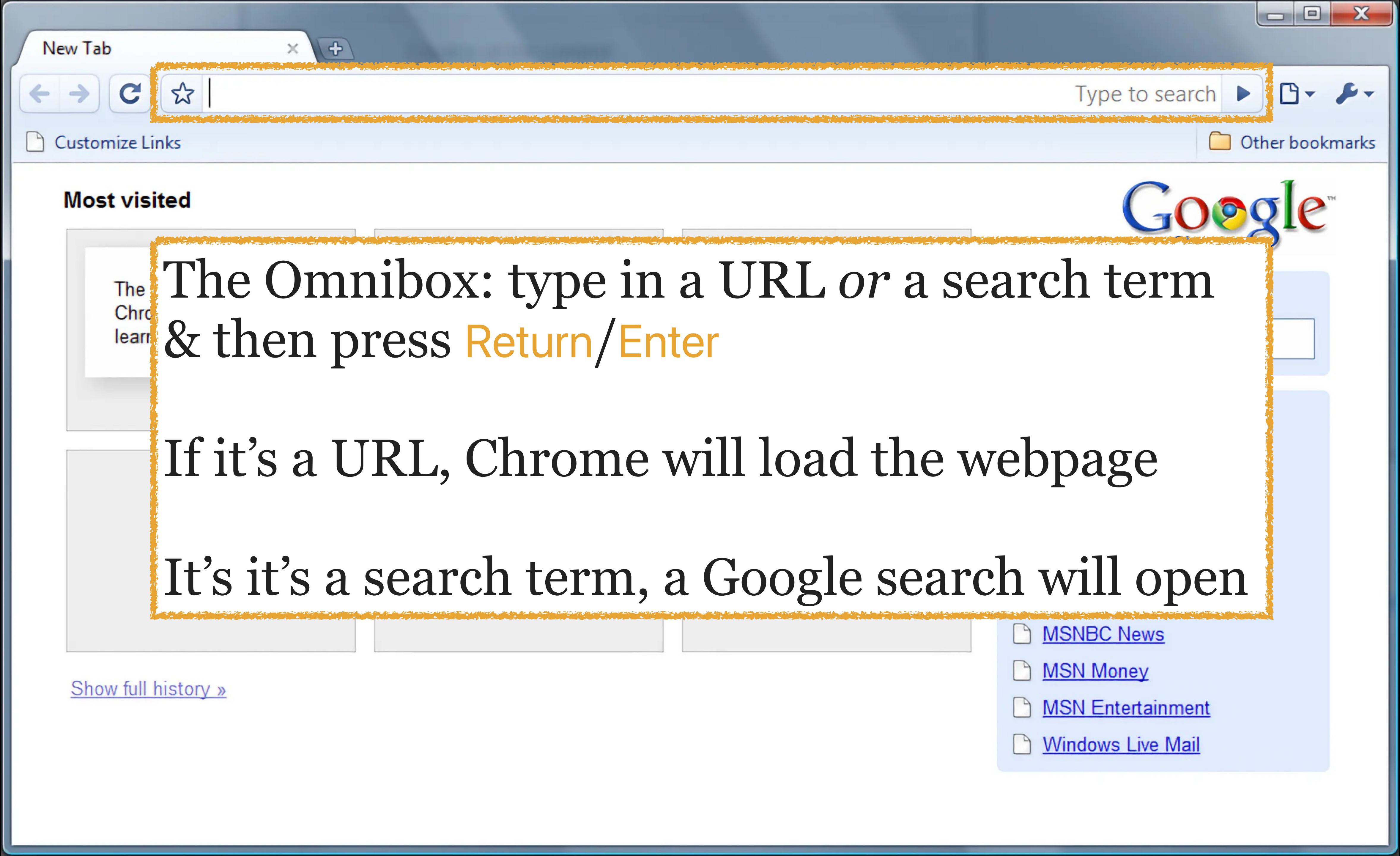


YOU HAVE FULL TEXT SEARCH OVER YOUR HISTORY. IF YOU FOUND A GOOD SITE FOR DIGITAL CAMERAS YESTERDAY, YOU DON'T HAVE TO BOOKMARK THAT PAGE.



JUST TYPE 'DIGITAL CAMERA' AND QUICKLY GET BACK TO IT.

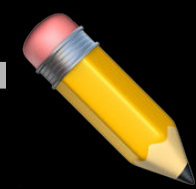




The Omnibox: type in a URL *or* a search term
& then press **Return/Enter**

If it's a URL, Chrome will load the webpage

If it's a search term, a Google search will open



SIDE NOTE

Why did Google do this?

Sure, it's helpful for users

It also encourages searching at Google, which allows Google to surveil you & make money from ads & tracking

(This is why I do not use Google as my default search engine)



4,708

Trackers & ads blocked

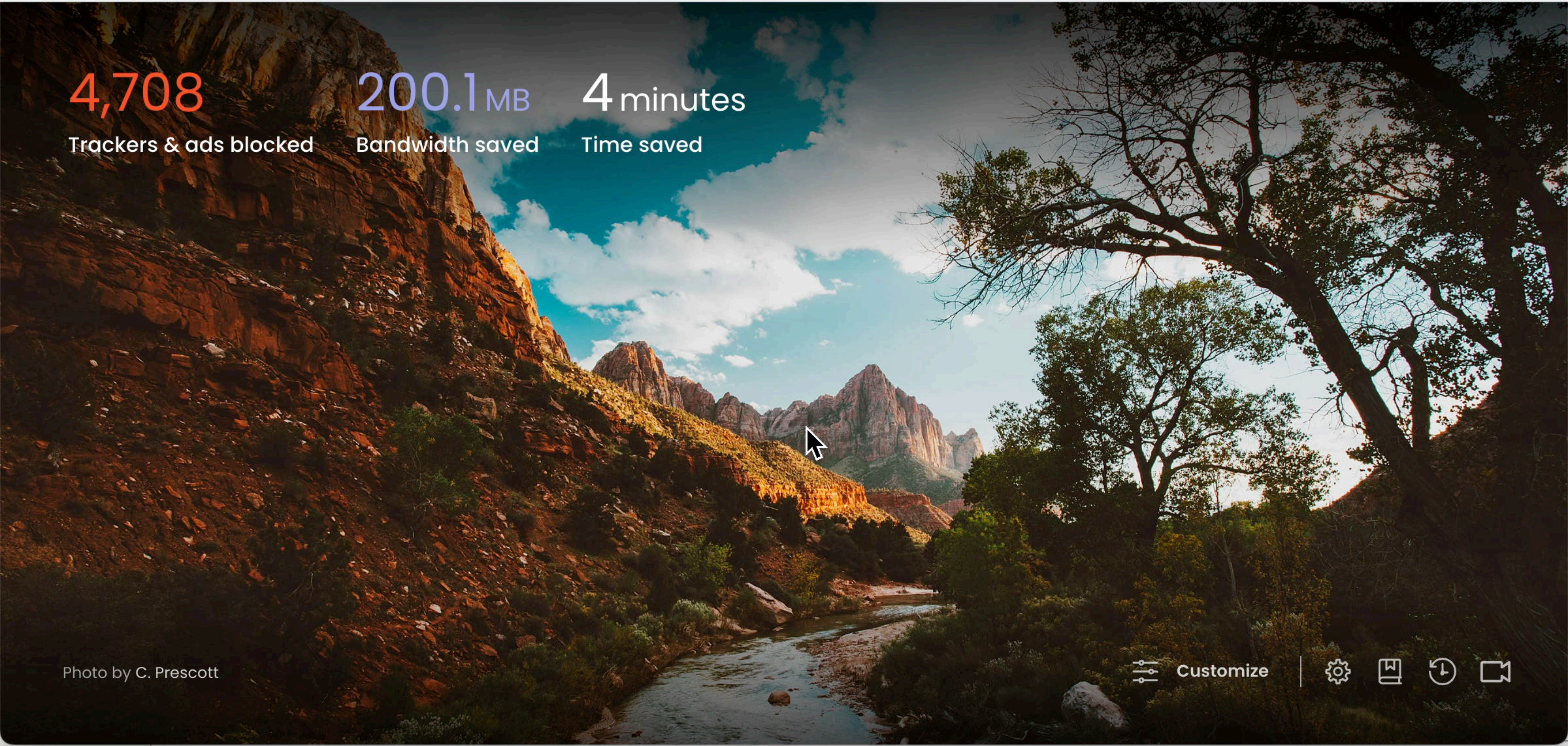
200.1 MB

Bandwidth saved

4 minutes

Time saved

Let's look at the difference between entering a URL & entering a search term into the Omnibox



4,708

Trackers & ads blocked

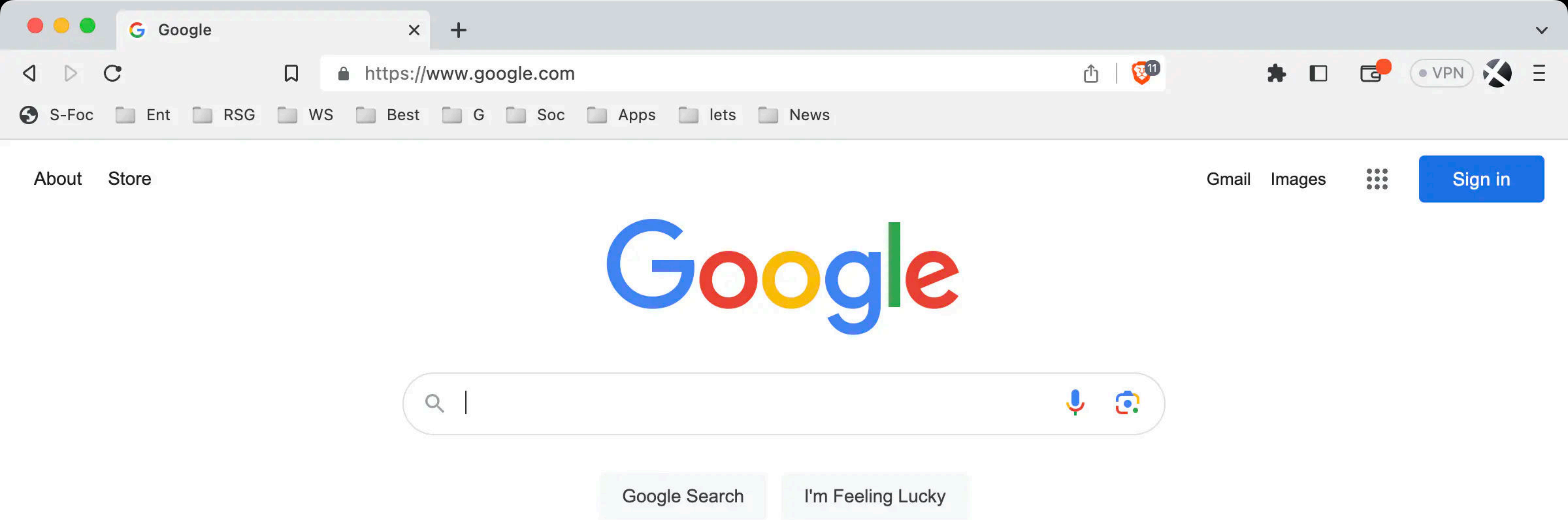
200.1 MB

Bandwidth saved

4 minutes

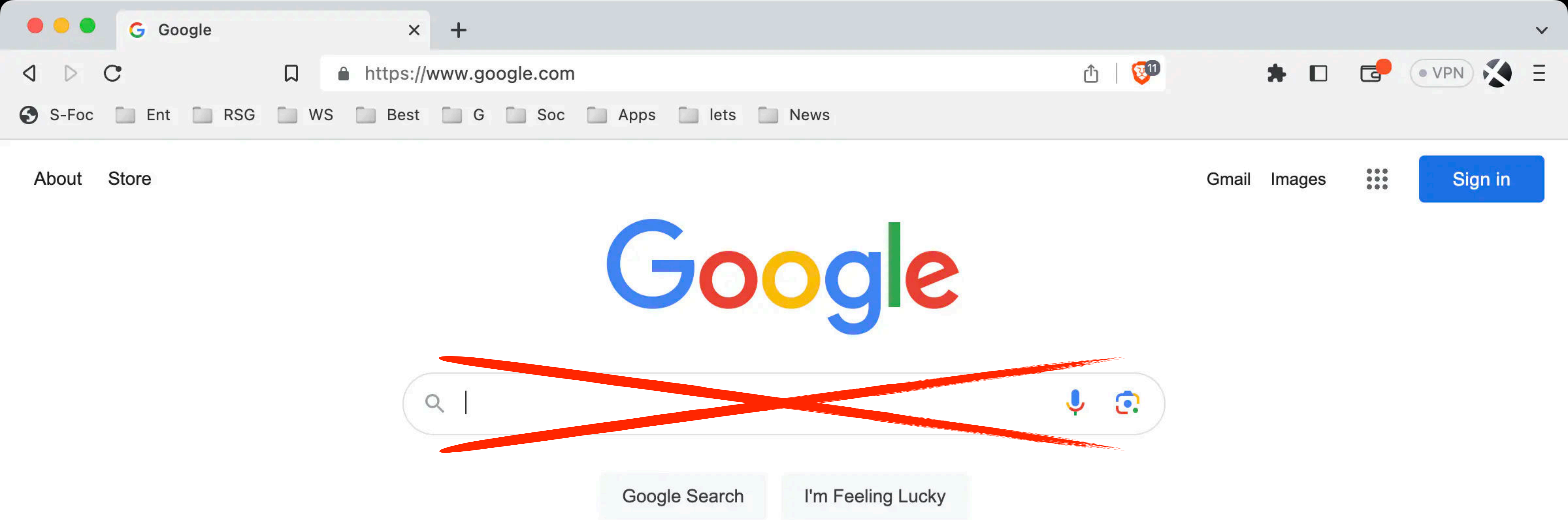
Time saved

Photo by C. Prescott



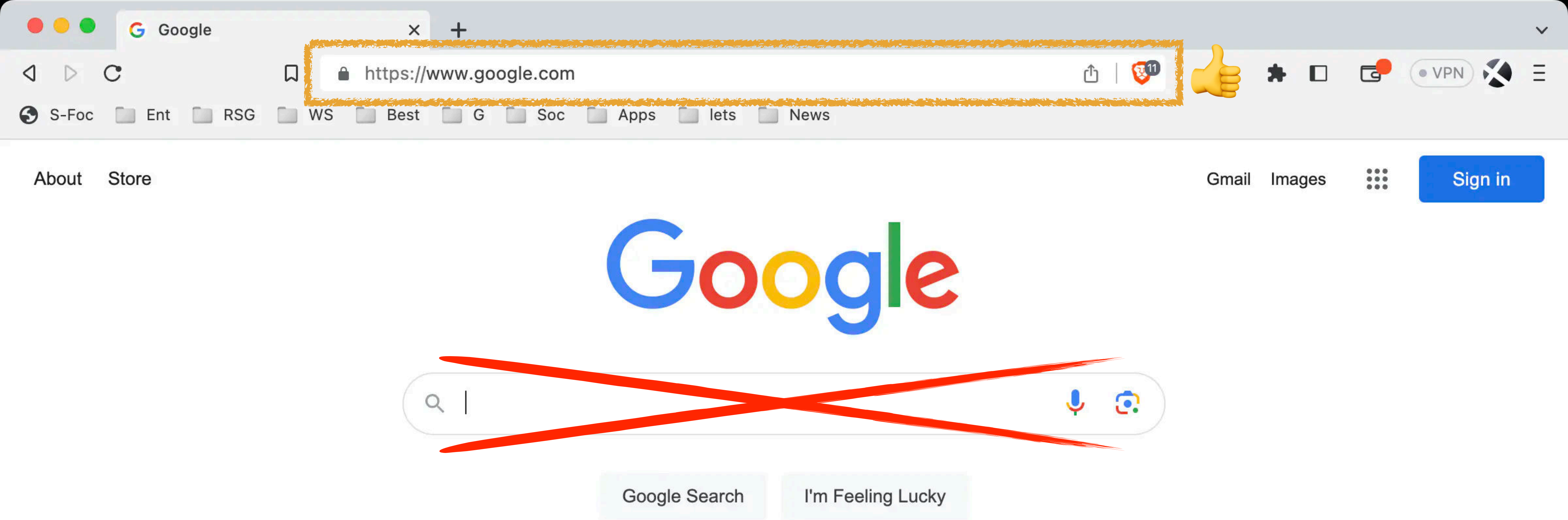
All Web browsers today support something like the Omnibox

There is *never* a need to go to your search engine's webpage!
Just type your search terms in the Omnibox & press Enter



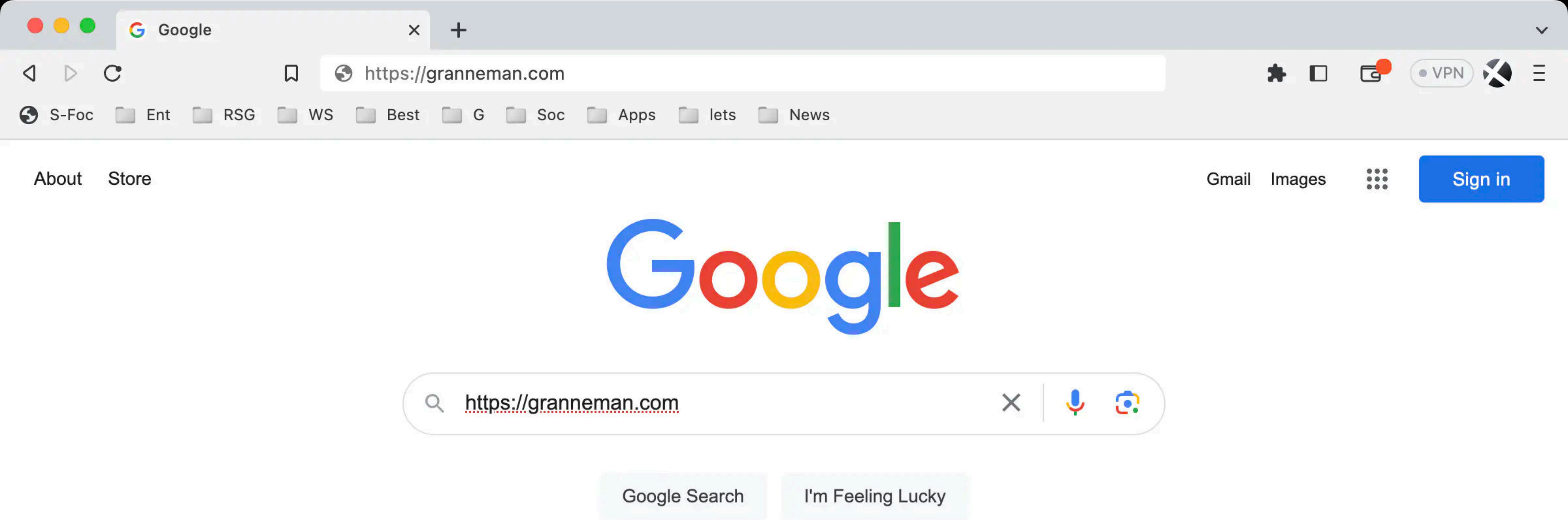
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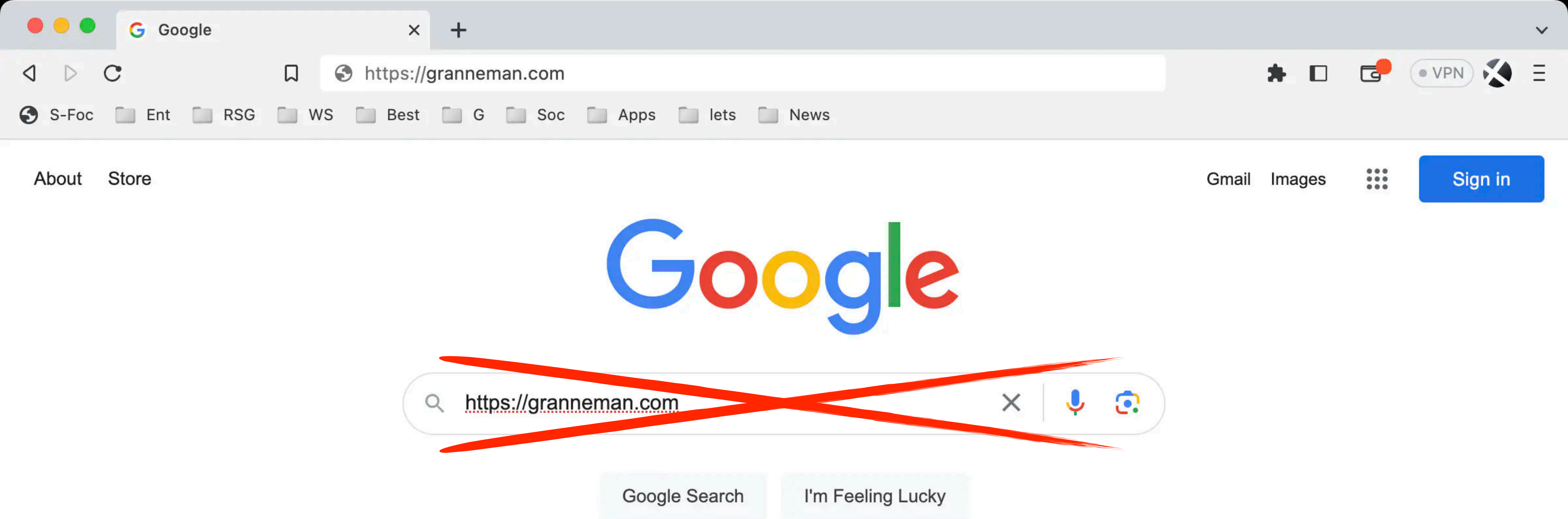
All Web browsers today support something like the Omnibox

There is *never* a need to go to your search engine's webpage!
Just type your search terms in the Omnibox & press Enter



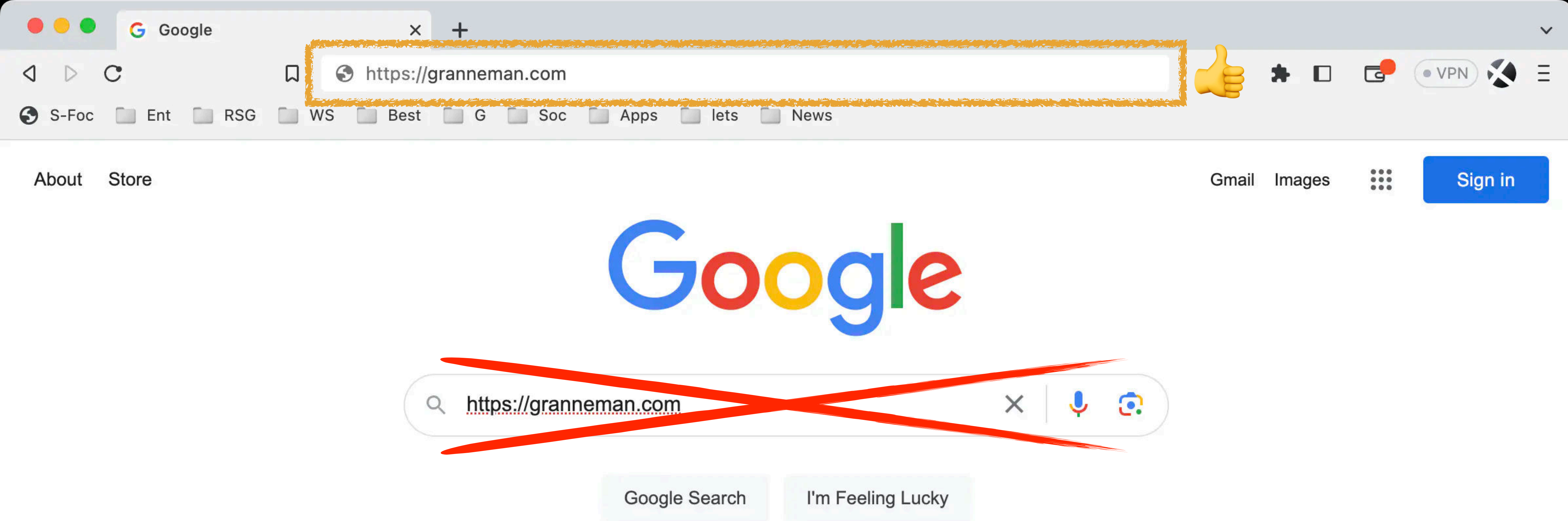
And never type URLs in a Google search box!

URLs go in the Omnibox, so you can press Enter & go to the website — it makes zero sense to *search* for a URL



And never type URLs in a Google search box!

URLs go in the Omnibox, so you can press Enter & go to the website — it makes zero sense to *search* for a URL



And never type URLs in a Google search box!

URLs go in the Omnibox, so you can press Enter & go to the website — it makes zero sense to *search* for a URL

http: // & https: //

(are not needed)

Let's say you want to go to my website

In your Web browser's address bar, you only need to type **granneman.com** & press **Return/Enter**

You do *not* need to type the **http://** or **https://** — that is a waste of your time & unnecessary!

A woman wearing a light purple hijab and large white over-ear headphones is sitting at a table with a terrazzo top. She is smiling and looking at a laptop screen, with her right hand raised in a gesture. The laptop is a dark grey or black model with a white Windows logo on the back. The background features a green wall and a wooden lattice screen.

Zoom

Sharing Your Screen

You connect to a Zoom meeting...

(in this case, I'm the only one in the meeting 😊)

When you move your mouse, you see buttons

Scott Granneman



Mute



Stop Video



Security



1

Participants



Chat



Share Screen



Polls/Quizzes



Pause/Stop Recording



Show Captions



Breakout Rooms



Reactions



Whiteboards



More

End

Click on Share Screen to, uh, share your screen

Scott Granneman



Mute



Stop Video



Security



Participants 1



Chat



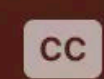
Share Screen



Polls/Quizzes



Pause/Stop Recording



Show Captions



Breakout Rooms



Reactions

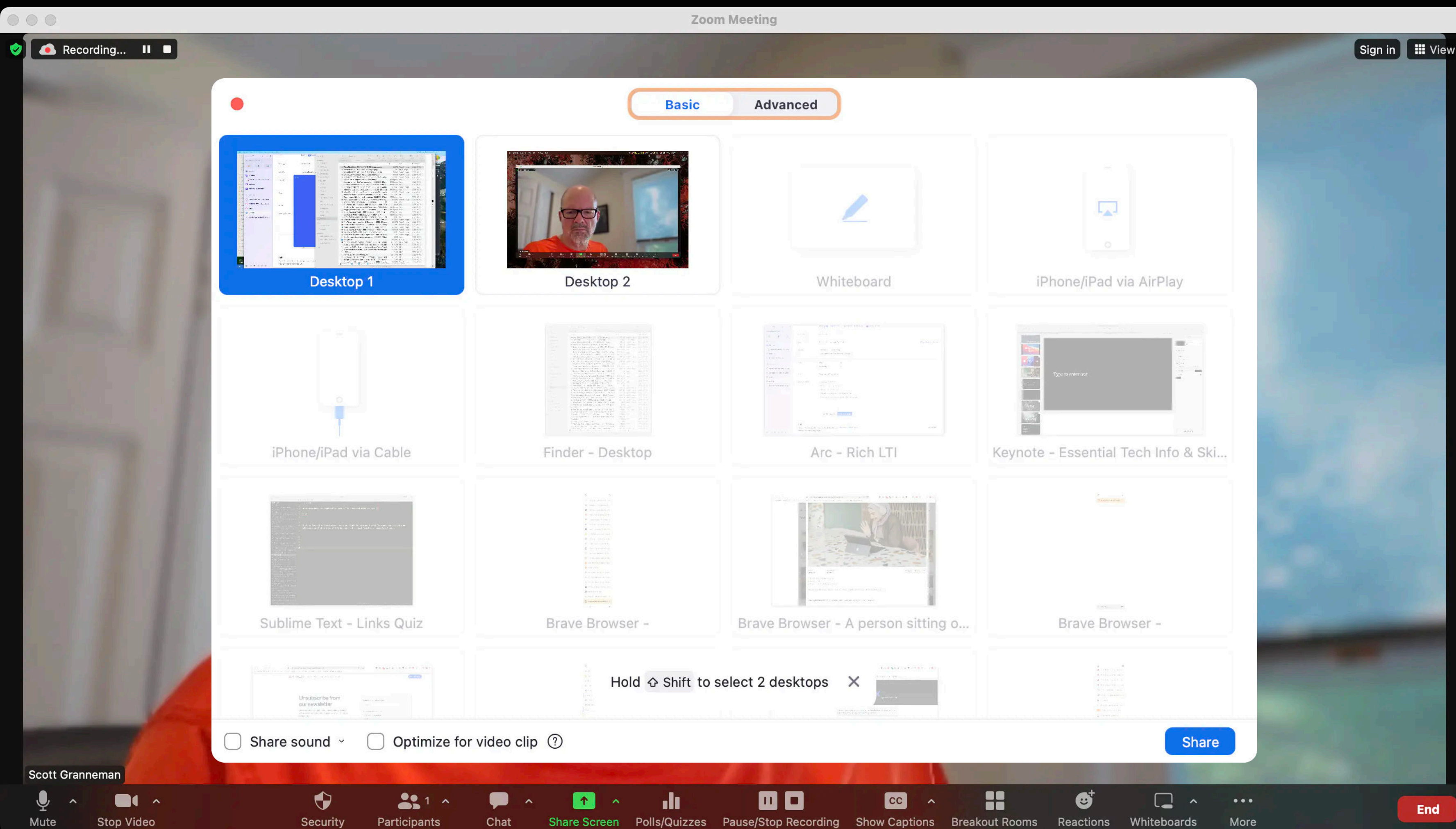


Whiteboards

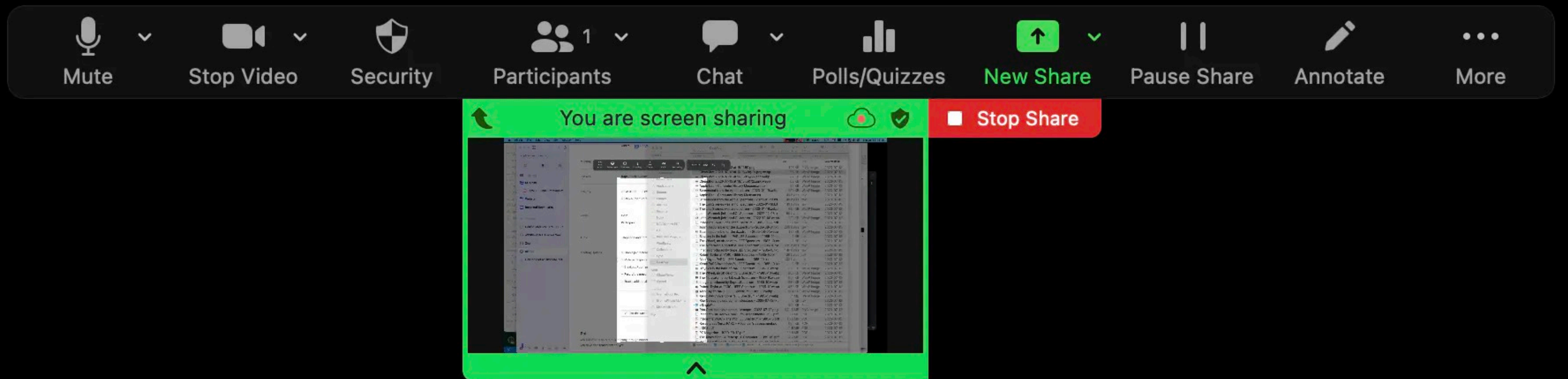


More


End




Always select *Desktop 1* (🍏) or *Screen 1* (⌘) so I can see your entire screen — sharing a single app's window always is super annoying when we have to jump back & forth between apps




When you share your screen, a floating toolbar of controls appears (yours will look different) — & it often gets in the way!




Mute




Stop Video




Security




Participants 1




Chat




Polls/Quizzes



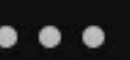
New Share




Pause Share



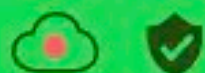
Annotate




More

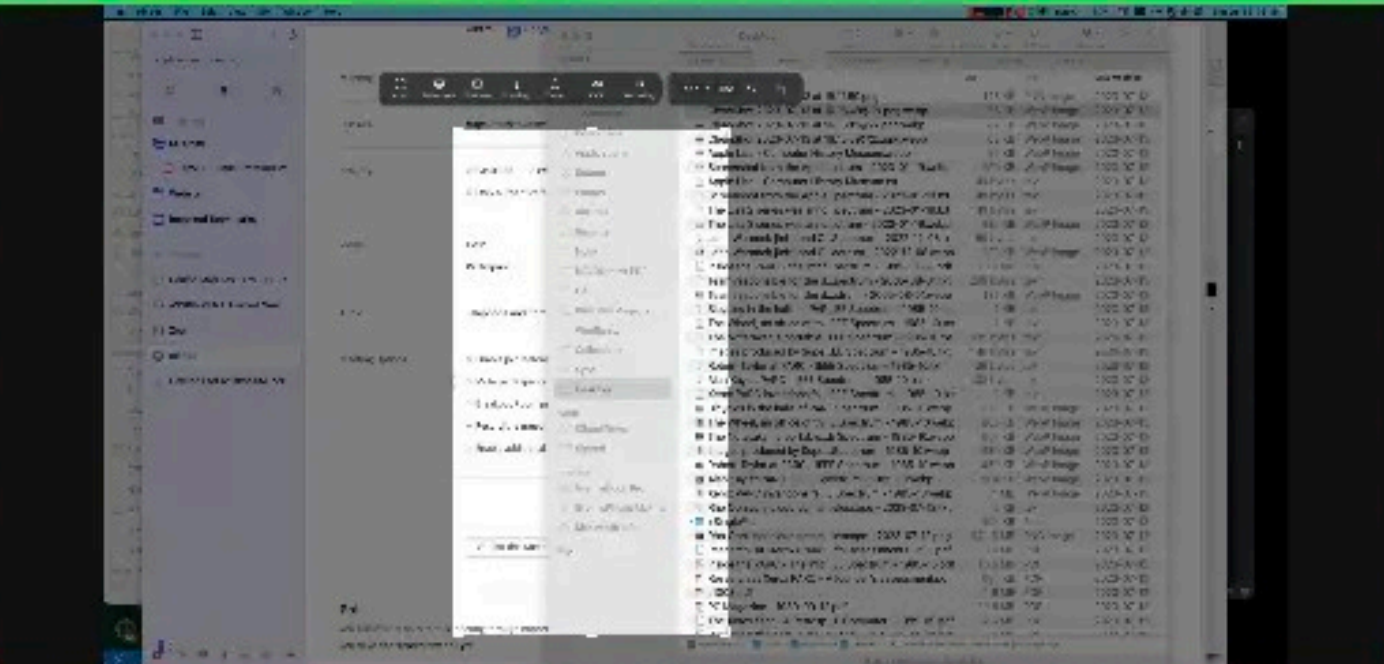



You are screen sharing



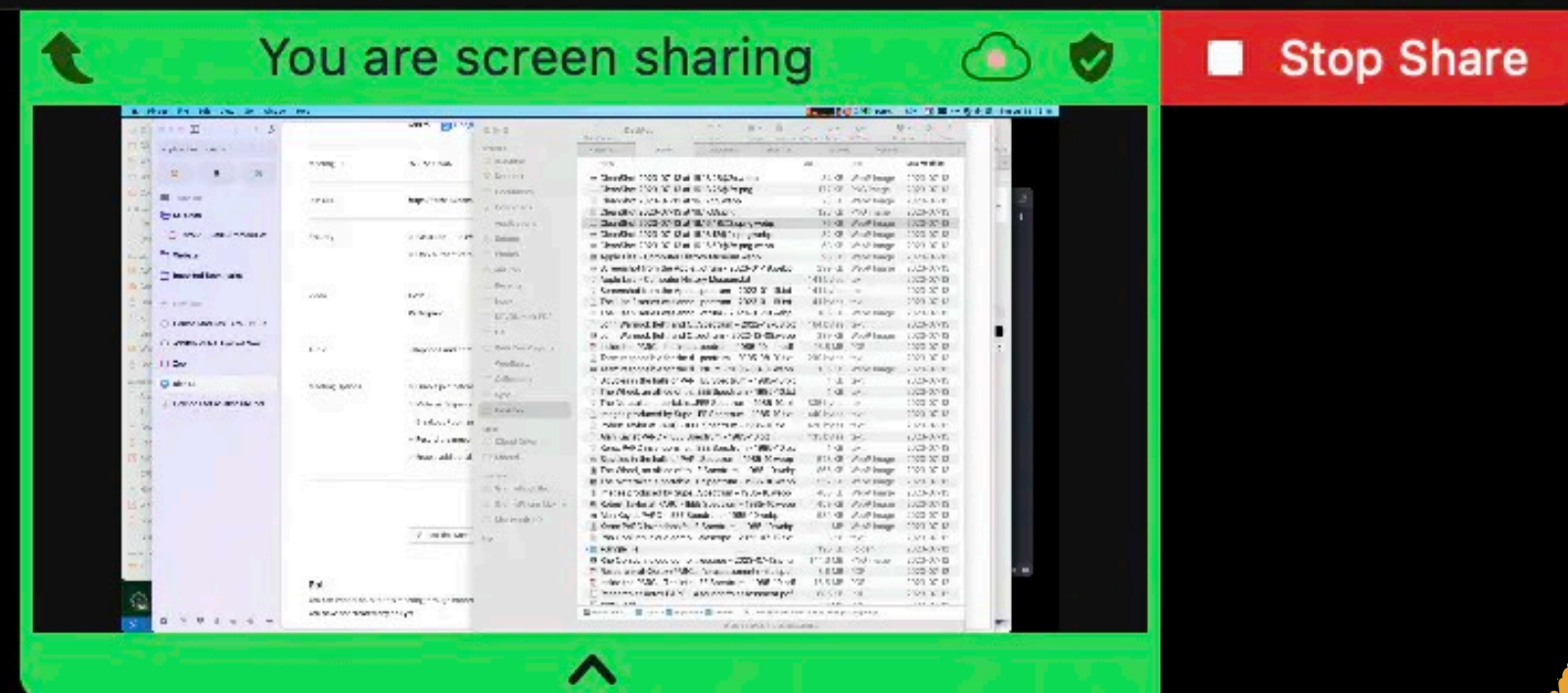
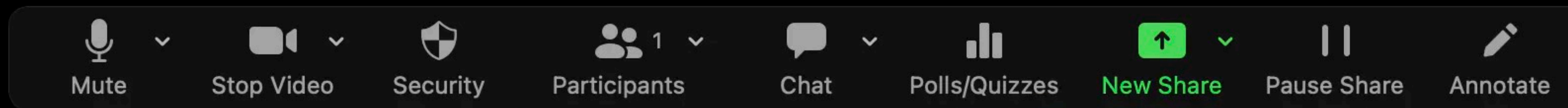


Stop Share





To hide it, click on *More*



- Pause Recording ⌘P
- Stop Recording ⌘C
- Captions
- Breakout Rooms
- Reactions
- Live on Custom Live Streaming Service
- Disable Annotation for Others
- Hide Names of Annotators
- Hide Video Panel
- Hide Floating Meeting Controls ^⌘H
- Share Computer Sound
- Optimize Screen Share for Video Clip
- Meeting Info
- End Meeting

Click on *Hide Floating Meeting Controls*
(I added the key combination)

Press Esc to show floating meeting controls

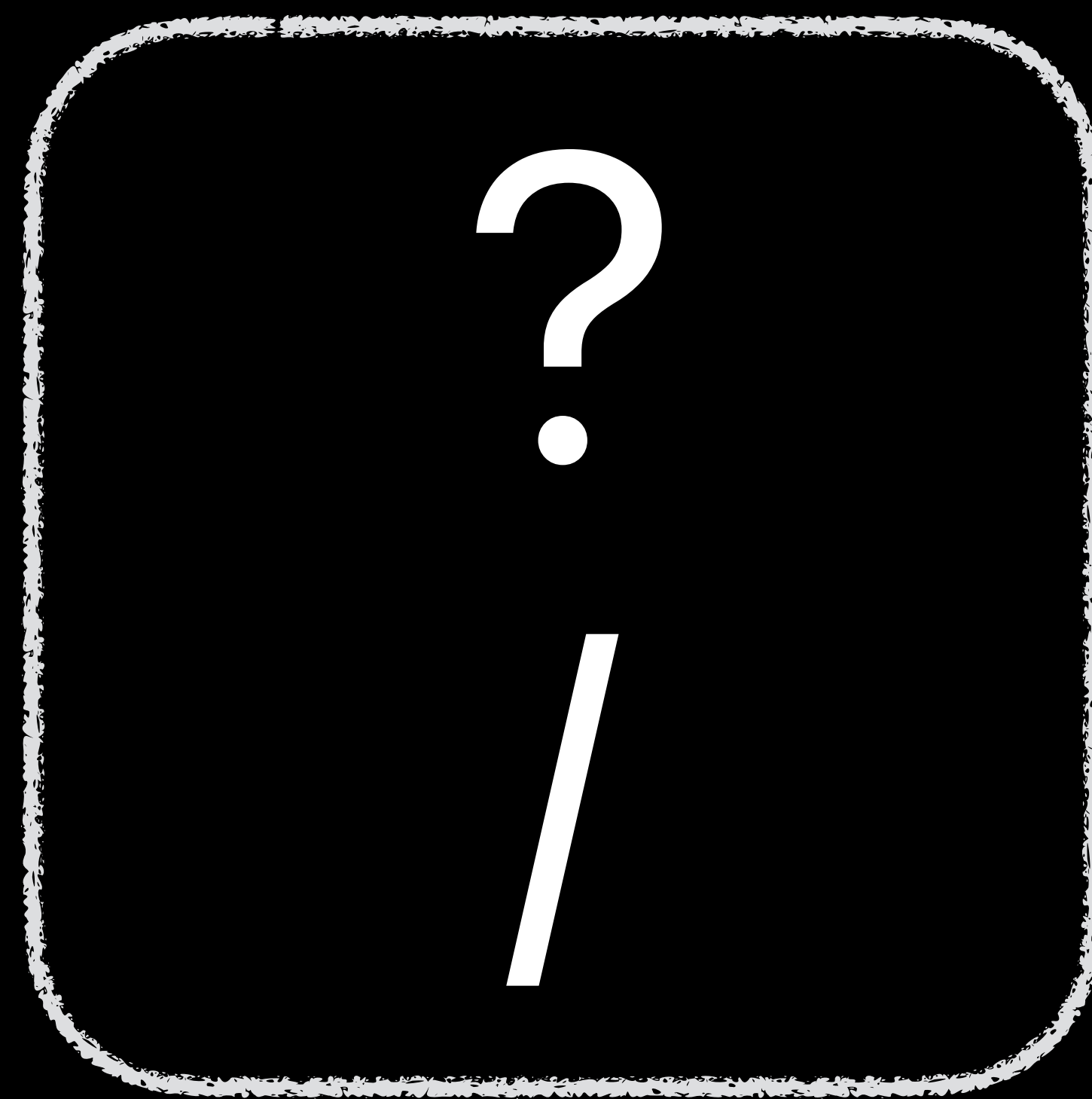
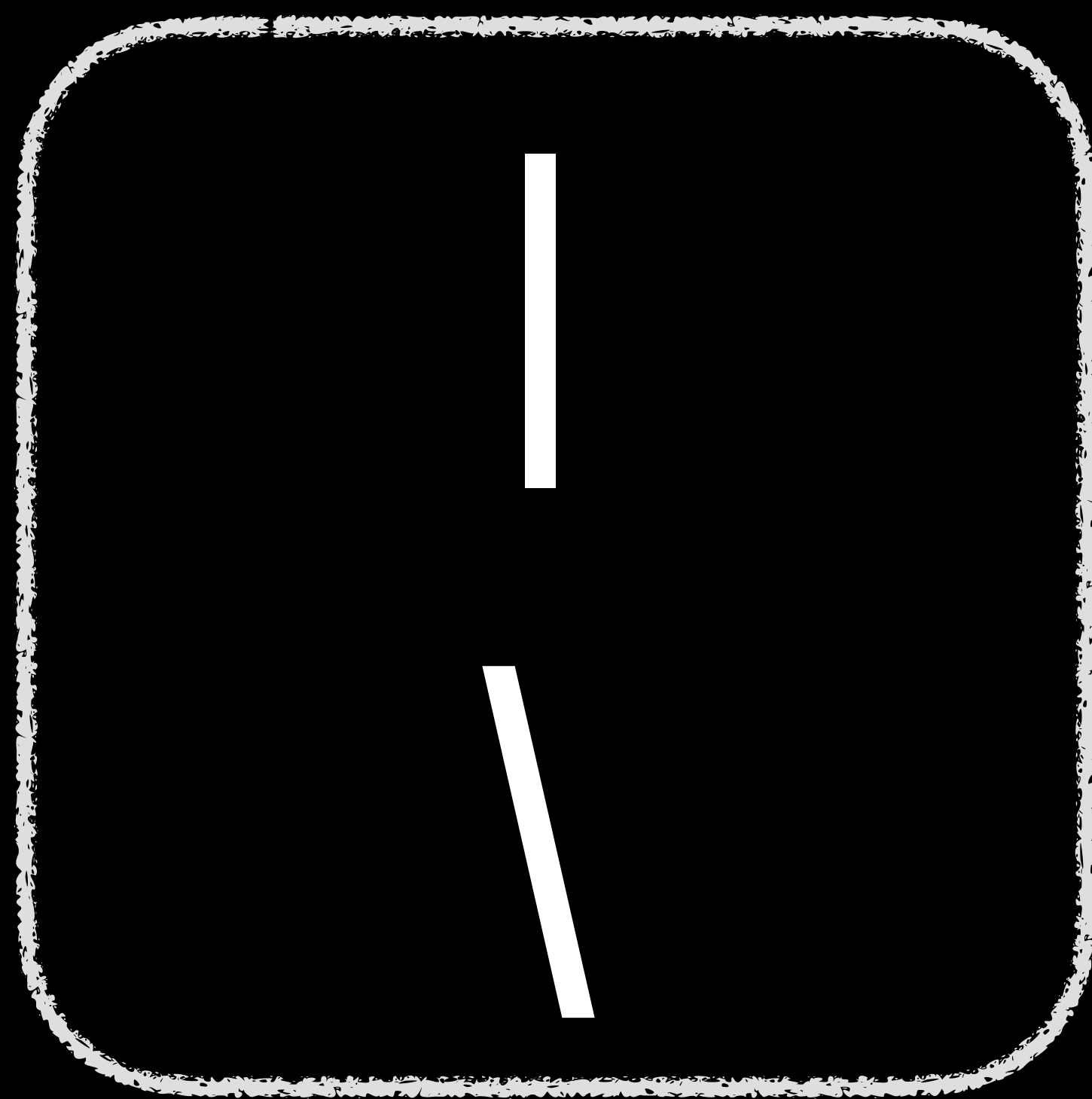
You will see this message briefly — take note of it!

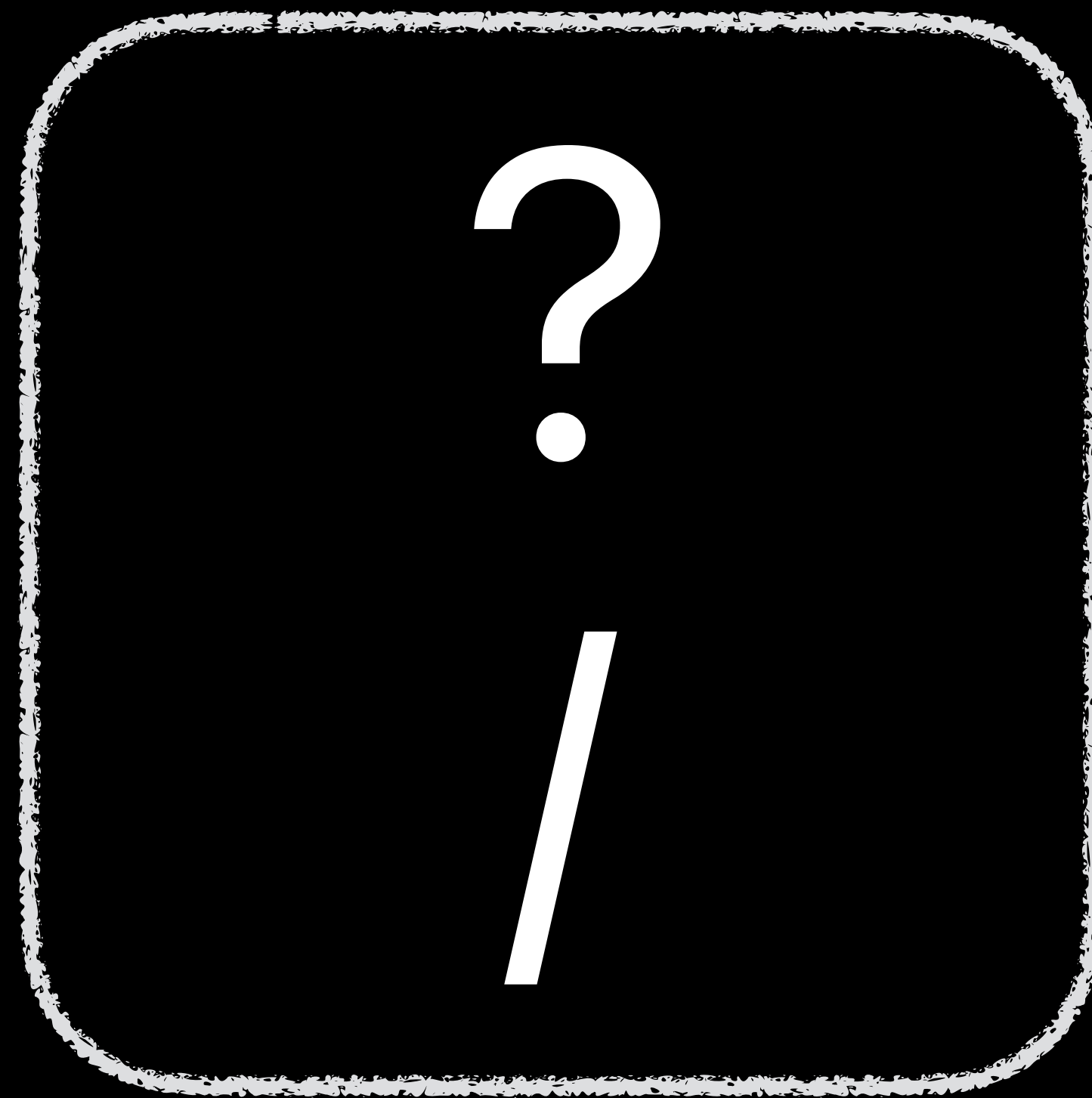
To bring back the floating meeting controls, click on Zoom & then press Esc

Coding

```
1 <?php language_attributes( 'charset' ); ?>
2 <?php wp_title( '|', true, 'right' ); ?>
3 <?php bloginfo( 'charset' ); ?>
4 <?php wp_title( '|', true, 'right' ); ?>
5 <?php bloginfo( 'charset' ); ?>
6 <?php bloginfo( 'charset' ); ?>
7 <?php bloginfo( 'charset' ); ?>
8 <?php bloginfo( 'charset' ); ?>
9 <?php bloginfo( 'charset' ); ?>
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30 <?php bloginfo( 'charset' ); ?>
31 <?php bloginfo( 'charset' ); ?>
32 <?php bloginfo( 'charset' ); ?>
33 <?php bloginfo( 'charset' ); ?>
```


/ & \





/ is a *slash* (or *forward slash*) used by every operating system in the world (e.g., macOS, Linux, UNIX, but *not* Windows) to denote *file paths*

- » `/Users/dbowie/Documents`
- » `Web Dev Projects/colors/index.html`

** is a *backslash* used by Windows to denote file paths

- » `C:\Users\dbowie\Documents`
- » `Web Dev Projects\colors\index.html`



PRO TIP

Sometimes macOS, Linux, & Windows use the `\` to *escape* a character

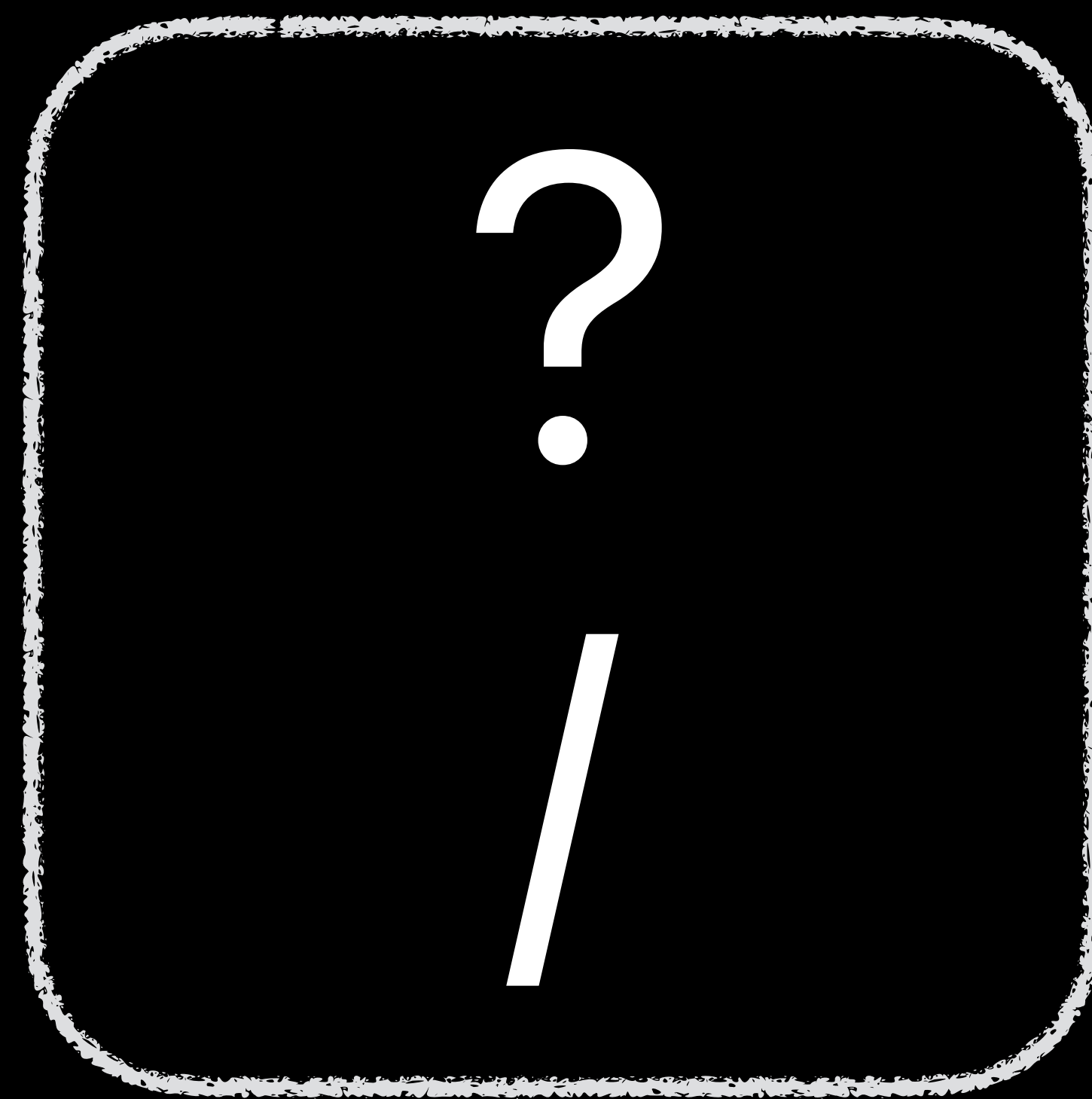
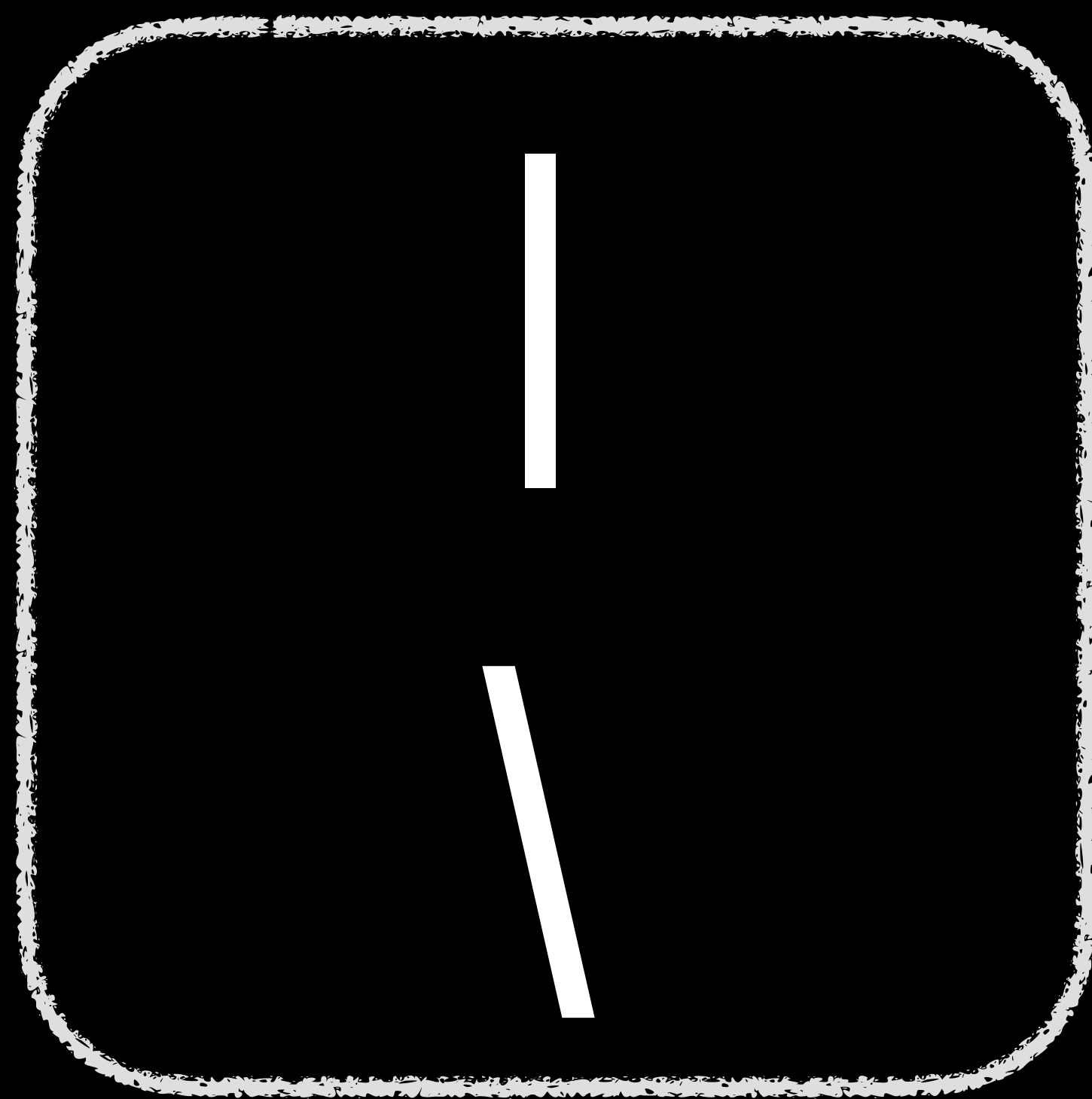
Escaping a character tells the operating system or program to treat the following character in a special way

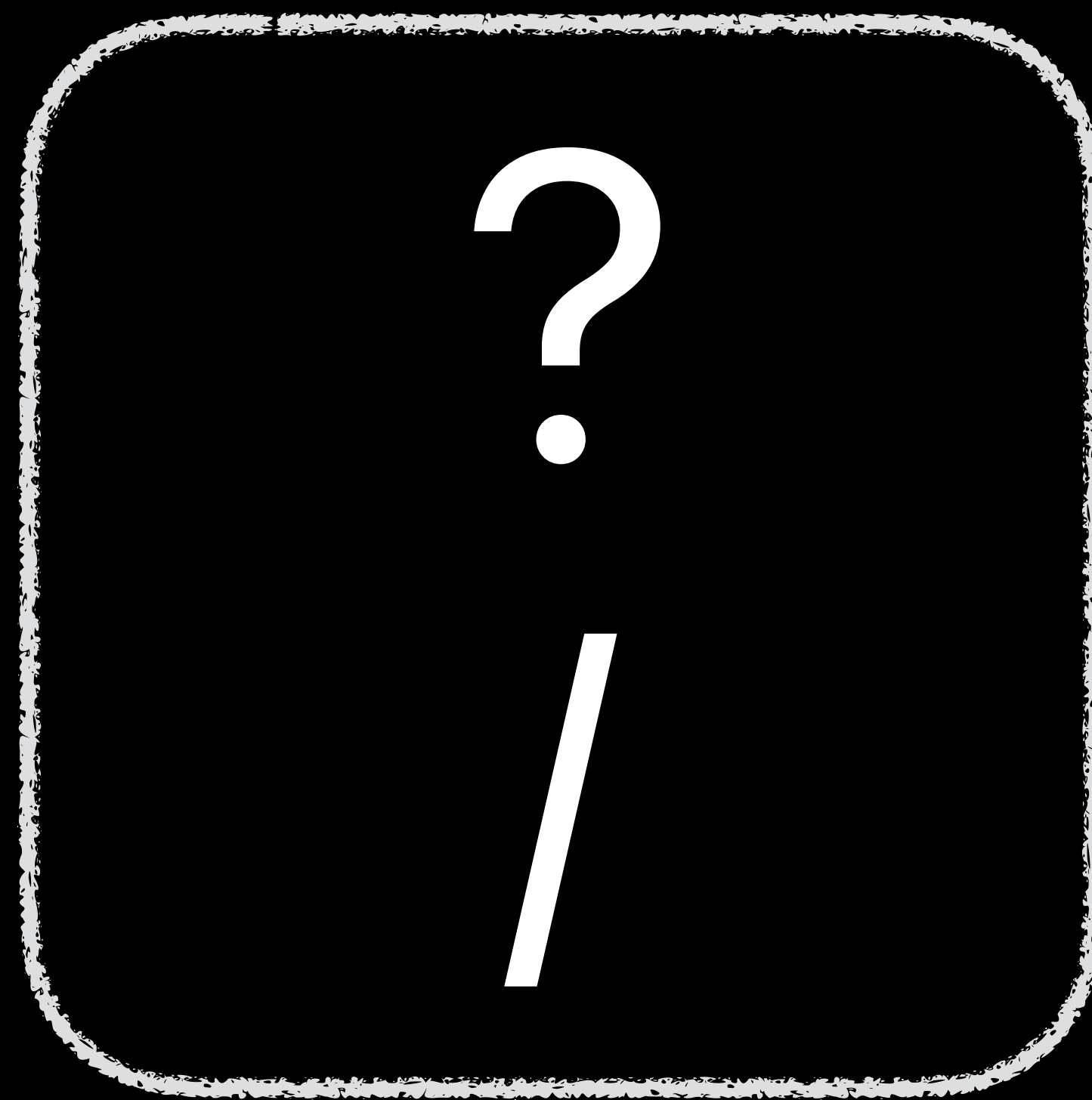
For example, `\t` means “this is a *tab*, an indentation created by the **Tab**/`→` key” & *not* the letter `t`

If you see a `\` followed by a character, unless it's a Windows path, it's probably an escape

Webpage URLs *only* use the /

<https://www.granneman.com/teaching/web-development-granneman-way>





Undo & Redo

When you...

type something wrong

screw up a find & replace

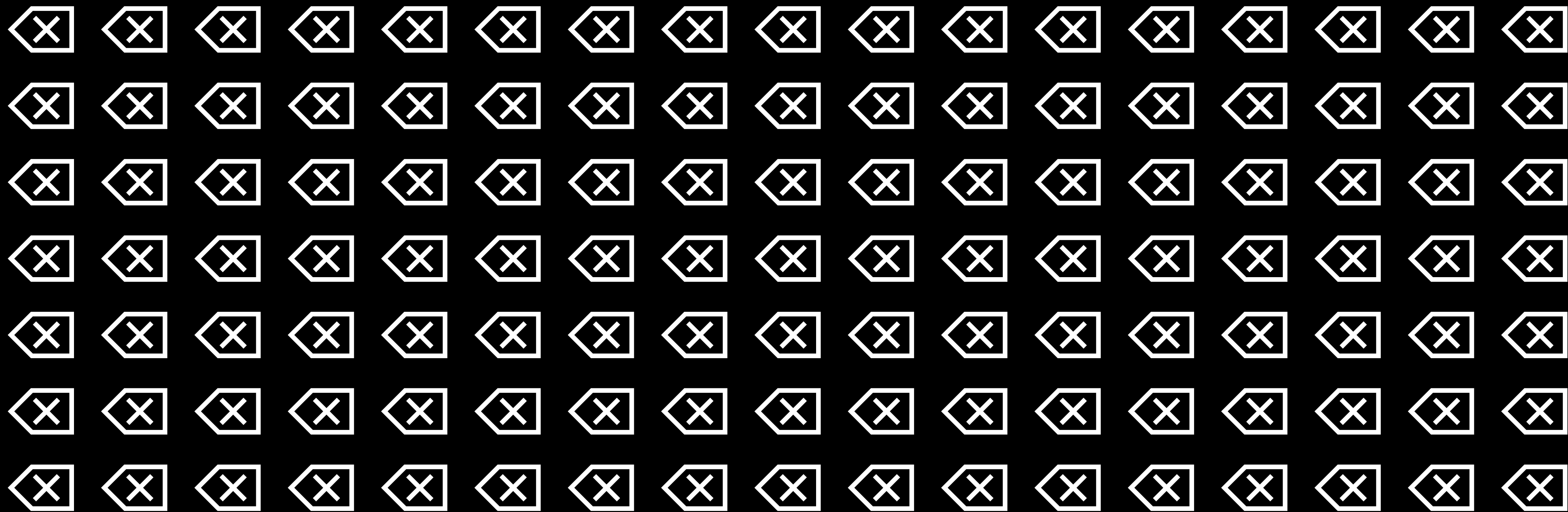
automatically enter the incorrect code or text

paste the wrong content in

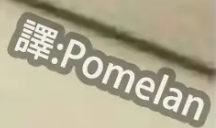
paste the right content in but in the wrong place

Do not try to manually fix it





Do not press Delete/Backspace a million times



Do not try to copy or cut
the mistake & paste it in
elsewhere

Do not panic or stress



Instead, *undo* what you have done with a key command

🍏: ⌘Z

⌘: Ctrl+Z

Need to go back multiple times? Press the key command until you're back to the start

If you go too far back using ⌘Z or Ctrl+Z, use the *Redo* command!

🍏: ⇧⌘Z

⌘: Ctrl+Y (some apps use Ctrl+Shift+Z)

	Undo	Redo
⌘	⌘Z	⇧⌘Z
⌃	Ctrl+Z	Ctrl+Y (or Ctrl+Shift+Z)

Learn your key commands!

Thank you!

scott@granneman.com

www.granneman.com

@scottgranneman

jans@websanity.com

websanity.com



Slides

[granneman.com/downloads/web-dev/
Essential-Tech-Info-Skills.pdf](https://granneman.com/downloads/web-dev/Essential-Tech-Info-Skills.pdf)

chnsa.ws/tech-info-slides



Notes

[granneman.com/downloads/web-dev/
Essential-Tech-Info-Skills.txt](https://granneman.com/downloads/web-dev/Essential-Tech-Info-Skills.txt)

chnsa.ws/tech-info-notes



All of my presentations

granneman.com/presentations/all-presentations

chnsa.ws/all-presentations

Essential Tech Info & Skills

Someone should have already taught you this!

R. Scott Granneman & Jans Carton

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Changelog

2024-01-13 1.7: Updated theme to Granneman 1.12;
minor fixes; added QR codes; new title slides

Changelog

2024-01-01 1.6: Added image backgrounds for all 2nd-level headings under 🍏🌾🐧; minor wording change in *Zoom*; added new section: *Quickly Switch Between Apps & Windows*

2023-09-26 1.5: Expanded pseudo-hierarchy of note titles; added screenshot of Matt Bircher's video on Obsidian

2023-09-07 1.4: Added student pricing for Obsidian & post from founder re: company goals; added licensing slide at end (oops!)

Changelog

2023-08-22 1.3: Minor fixes, updates, & corrections; moved *Using the Web* from the 6th section to the 4th

2023-07-13 1.2: Added *Zoom* section, with sub-section *Sharing Your Screen*

2023-06-27 1.1: Added note re: Netscape allowing search from the address bar; forgot to put in the key commands for Undo & Redo!

Changelog

2023-06-24 1.0: Created slides based on slides formerly at the beginning of *Visual Studio Code* slides; re-arranged & re-ordered existing sections; added new top-level sections: 🍏-*Specific Stuff*, 🍏🌾*Linux*, *Coding*, *Using the Web*; added new section to *Coding*: *Undo & Redo*; added 2 new sections to *Using the Web*: *Going to a URL vs Searching & http:// & https://*; re-did backgrounds for major chapter slides; changed title slides to new design & layout

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