



Google-Like Predictive Autocomplete for Search

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Founder
Qwire, Inc.

qwire

• Founder



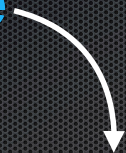
qwire|cast

www.qwire.com



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• Founder



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qwire

• Founder



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www.qwire.com



Me?

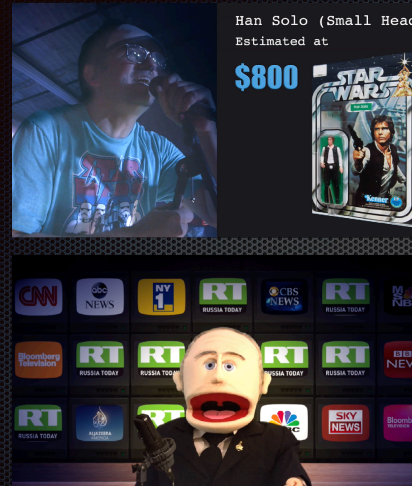


Me!



Opening
Summer
2019!

<https://www.imdb.com/title/tt5795282/>



"Rickie's Toys"

<https://www.facebook.com/LBRsound/videos/1237942419669929/>

<https://www.youtube.com/watch?v=UwBGEI-EP0Q>

"Every Bribe You Take"

<https://www.facebook.com/LBRsound/videos/2390717690999709/>

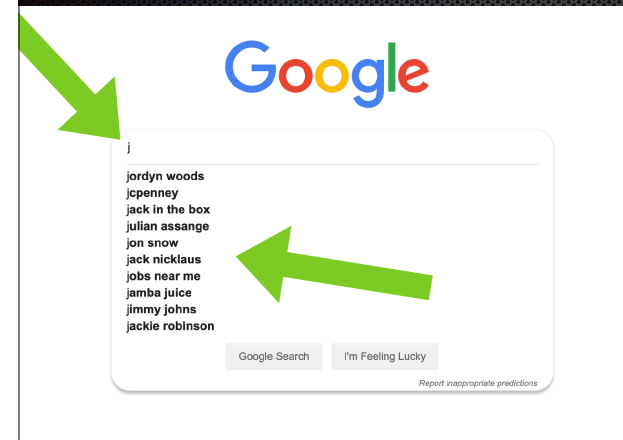
<https://www.youtube.com/watch?v=eih-PH0L8Kw>

So what in the hell does...

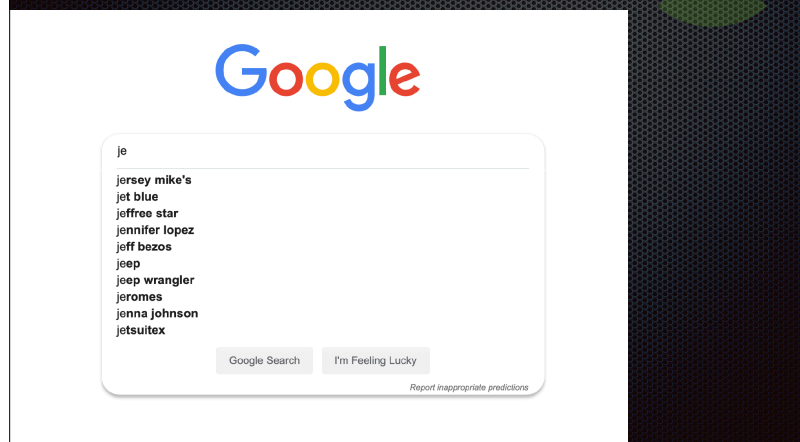
Google-Like Predictive Autocomplete for Search

...even mean???

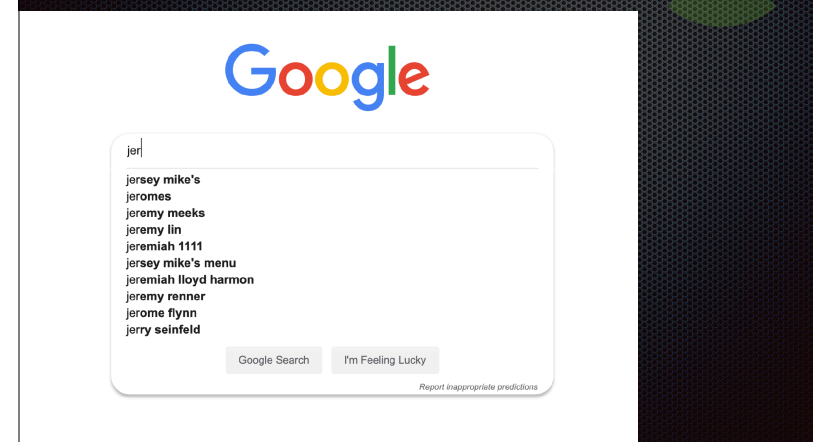
Type a letter...
Start getting results list!



Type a second letter,
The list gets a bit smarter...



Type a third letter...
Smarter still!



By the fourth letter...
I see my target in the list!

Google

jerr

jerry seinfeld
jerry lee lewis
jerry west
jerry lewis
jerry springer
jerry rice
jerry brown
jerry maguire
jerry garcia
jerry jones

Google Search

I'm Feeling Lucky

[Report inappropriate predictions](#)

Gonna arrow down to it...
My target is selected!

Google

jerry seinfeld

jerry seinfeld
jerry lee lewis
jerry west
jerry lewis
jerry springer
jerry rice
jerry brown
jerry maguire
jerry garcia
jerry jones

Google Search

I'm Feeling Lucky

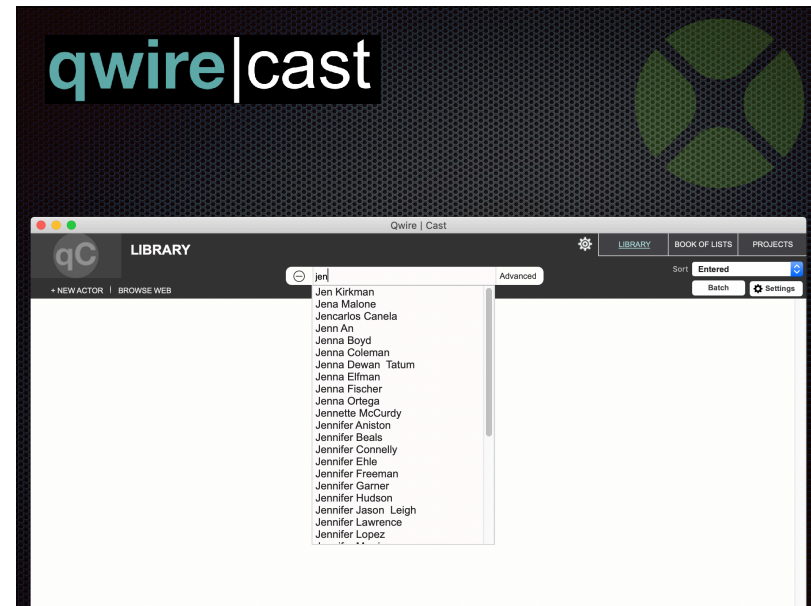
[Report inappropriate predictions](#)

Pressing 'Enter' shows the result!

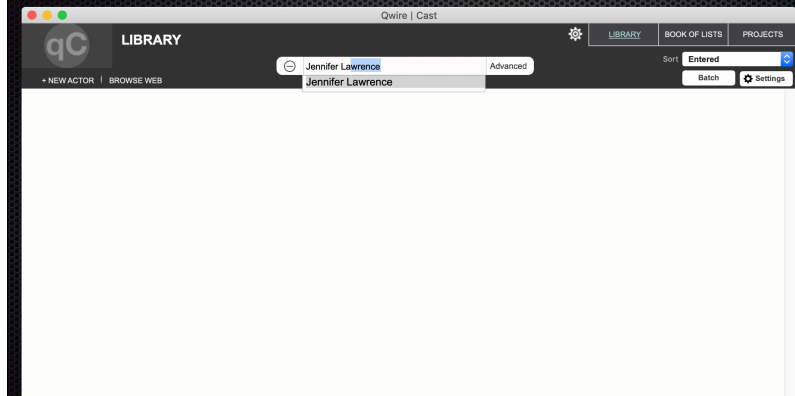
The screenshot shows a Google search for 'jerry seinfeld'. The search bar at the top contains 'jerry seinfeld'. Below the search bar, the results are displayed. On the left, there are links to 'Jerry Seinfeld - Wikipedia' and 'Jerry Seinfeld (@JerrySeinfeld) - Twitter'. On the right, there is a large image of Jerry Seinfeld with his name 'Jerry Seinfeld' and a brief biography. Below the image, there are links to 'Jerry Seinfeld - IMDb' and 'Jerry Seinfeld - Rotten Tomatoes'. At the bottom, there are several video thumbnails with titles like 'Jerry Seinfeld Shames Every Choc Man for Wearing Jeans' and 'Jerry Seinfeld on Julia Louis-Dreyfus & "Seinfeld" | 2010 Mark Twain ...'.

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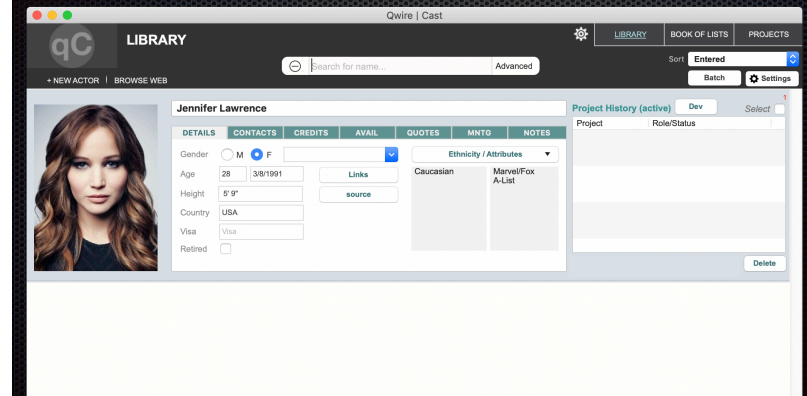
The screenshot shows the qwire|cast website. The header has the logo 'qwire|cast' and a navigation bar with 'LIBRARY', 'BOOK OF LISTS', and 'PROJECTS'. Below the header, there is a search bar with the text 'Search for name' and a button 'Advanced'. To the right of the search bar, there is a 'Sort' dropdown menu set to 'Entered'. Below the search bar, there is a 'Batch' button and a 'Settings' button. The main content area is titled 'LIBRARY' and shows a list of items. The first item is 'NEW ACTOR | BROWSE WEB'. Below this, there is a list of items with columns for 'Date', 'Time', 'Location', and 'Event'. The items listed are: 'Fri, Apr 18 7:00 PM Rochester, NY RST's Australian Theatre', 'Sat, Apr 20 9:00 PM Atlantic City, NJ Regatta Event Center', and 'Fri, May 3 9:30 PM New York Boston Theatre'. At the bottom, there is a link 'View 20+ more'.



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Considerations

What happens when...

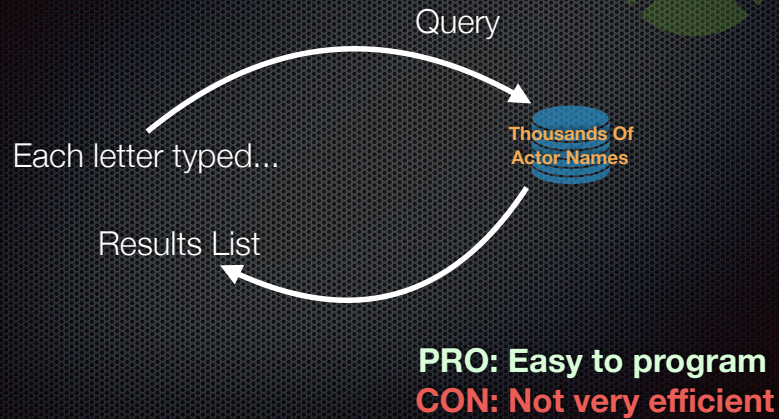
- Delete key is pressed
- Arrow keys are pressed
- Enter/Return is pressed
- Mouse is clicked on result within list
- Search field lost focus but search is not done
- Copy/Paste into search field
- Drag/Drop into search field
- Needs to be FAST and RESPONSIVE



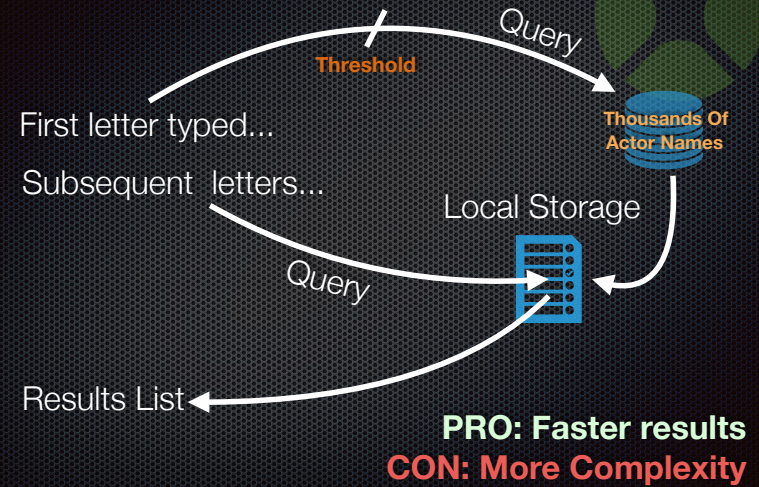
Methodology



Simple



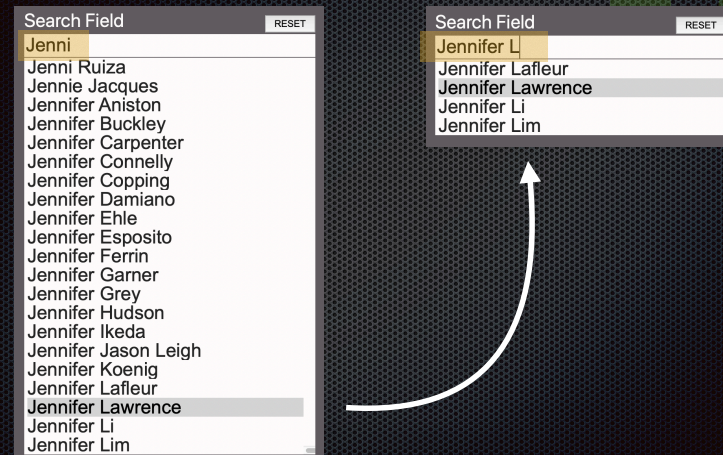
Better approach



Local Storage



Local Storage



Simple method

Each letter typed...

Results List

PRO: Easy to program
CON: Not very efficient

Loop...

Search Field [RESET]
Jenni
Jenni Ruiza
Jennie Jacques
Jennifer Aniston
Jennifer Buckley
Jennifer Carpenter
Jennifer Connelly
Jennifer Copping
Jennifer Damiano
Jennifer Ehle
Jennifer Esposito
Jennifer Ferrin
Jennifer Garner
Jennifer Grey
Jennifer Hudson
Jennifer Ikeda
Jennifer Jason Leigh
Jennifer Koenig
Jennifer Laflaur
Jennifer Lawrence
Jennifer Li
Jennifer Lim

Search Field [RESET]
Jennifer L
Jenni Ruiza
Jennie Jacques
Jennifer Aniston
Jennifer Buckley
Jennifer Carpenter
Jennifer Connelly
Jennifer Copping
Jennifer Damiano
Jennifer Ehle
Jennifer Esposito
Jennifer Ferrin
Jennifer Garner
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Loop...

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~~Jennifer Jason Leigh~~
~~Jennifer Koenig~~
Jennifer Laflaur
Jennifer Lawrence
~~Jennifer Li~~
~~Jennifer Lim~~

What about DELETE KEY?

Search Field RESET

- Jennifer L
- Jennifer Lafleur
- Jennifer Lawrence
- Jennifer Li
- Jennifer Lim

Narrow

Delete...Delete...Delete

Search Field RESET

- Jenni
- Jenni Ruiza
- Jennie Jacques
- Jennifer Aniston
- Jennifer Buckley
- Jennifer Carpenter
- Jennifer Connelly
- Jennifer Copping
- Jennifer Damiano
- Jennifer Ehle
- Jennifer Esposito
- Jennifer Ferrin
- Jennifer Garner
- Jennifer Grey
- Jennifer Hudson
- Jennifer Ikeda
- Jennifer Jason Leigh
- Jennifer Koenig
- Jennifer Lafleur
- Jennifer Lawrence
- Jennifer Li
- Jennifer Lim

Wider

What about DELETE KEY?

Search Field RESET

- Jennifer L
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- Jennifer Lawrence
- Jennifer Li
- Jennifer Lim

Narrow

Delete...Delete...Delete

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- Jennifer Jason Leigh
- Jennifer Koenig
- Jennifer Lafleur
- Jennifer Lawrence
- Jennifer Li
- Jennifer Lim

Wider

Live Demo

Free and Open Please Improve!

[https://www.dropbox.com/s/no26472dvxt3ckv/
PredictiveSearchField_XDC.zip?dl=0](https://www.dropbox.com/s/no26472dvxt3ckv/PredictiveSearchField_XDC.zip?dl=0)

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Q & A

Leigh Roberts

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