

Suchmaschinen der Zukunft

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The screenshot shows the classic Yahoo! homepage with its signature blue header and various search and browse options. Key features include the 'What's New' check email, 'Auctions' section, and links to 'Family Guy' and 'Fox'. The main menu includes categories like 'Arts & Humanities', 'Business & Economy', 'Computers & Internet', 'Education', 'Entertainment', 'Government', 'Health', and 'Science'.

This screenshot shows the AltaVista Connections search interface. It features a search bar at the top with the query 'When precisely will the new millennium begin?'. Below the search bar are sections for 'Ask AltaVista', 'ALTAVISTA CHANNELS', and 'FREE INTERNET ACCESS'. The page also includes a 'DIRECTORY' section with links to various categories like 'Automotive', 'Business & Finance', and 'Computers & Internet'.

The Zip2 website allows users to find businesses near them. It includes fields for entering a local address or city/state, and buttons for 'get directions' and 'get a map'. There are also sections for 'shop online' and 'browse categories' related to apparel, auto, community, computers & internet, dining & entertainment, and more.

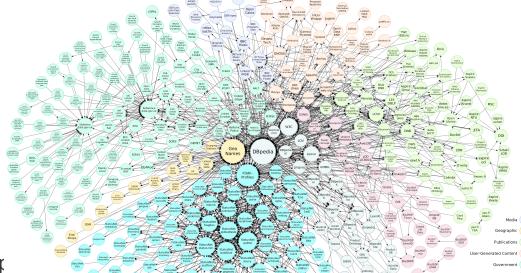
The first version of Google's homepage features the iconic multi-colored 'Google!' logo. Below it is a search bar with the placeholder 'Search the web using Google!'. The page also includes a 'About Google!', 'Stanford Search', and 'Linux Search' link, along with a copyright notice for Stanford University.

The GeoCities homepage features a large banner for 'amazon.com' and 'SURPLUS DIRECT'. It includes sections for 'Neighborhoods', 'Members' Area', 'Shopping Center', and a search bar. The sidebar lists various categories such as 'Arts & Literature', 'Autos', 'Business & Money', 'Campus Life', 'Computers & Technology', 'Entertainment', 'Family & Kids', and 'Leader of the Month'.

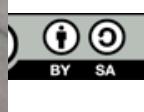
The Thefacebook homepage is a social networking site for college students. It features a login/register form and a 'Welcome to Thefacebook!' message. Below the message, it says 'Thefacebook is an online directory that connects people through social networks at colleges.' A list of schools is provided, including Alabama A&M, Alabama Huntsville, Aquinas, Art-Chicago, Bel空气中

The YouTube homepage features a search bar with 'Username:' and 'Password:'. Below the search bar are dropdown menus for gender ('I'm a Male'), seeking ('seeking'), and location ('Everyone', 'between [18] and [45]'). A list of locations follows, including Alabama, Alaska, Arizona, California, Colorado, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Kansas, Louisiana, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, and Wyoming.

The original Bing homepage features the 'bing' logo and a search bar with 'mbzrxpgjys'. Below the search bar are buttons for 'Web', 'Images', 'Videos', 'Shopping', 'News', 'Maps', 'More', and 'MSN'. The page also includes a 'SEARCH HISTORY' section and a 'RIM Company - Learn about Research In' news item.



An eBay listing for 'New Welding Cutting Welders Safety Goggles Glasses Flip Up Dark Green Lenses'. The item has a rating of 5 stars and 6 ratings. The seller information shows '1st_web_sales (367488)' with 99.6% positive feedback. The price is \$6.98, and there is a 'Buy It Now' button.



Kategorien von Suchmaschinen

Multimedia
youtube.com

Web
google.com
bing.com

Geografisch/Karten
maps.google.com

News
twitter.com

Leute/„Social“
twitter.com facebook.com

Produkte/Preise
amazon.com ebay.com

Source Code
github.com

Q/A
stackoverflow.com

File Sharing
thepiratebay.se



Geocities 1994 - 2009

Join GeoCities



BOOKS
amazon.com

Welcome to

GeoCities

COMPUTERS

SURPLUS DIRECT

MUSIC/VIDEOS

CDNOW



CREDIT CARDS

9.99% APR Platinum

Explore Our GeoAvenues

Friday, 03-Jul-98 02:50:07 PDT

GeoNews Center

- ▶ [Arts & Literature](#)
[Literature](#), [Poetry](#), [Theater](#)
- ▶ [Autos](#)
[Car Clubs](#), [Racing](#), [Sports Cars](#)
- ▶ [Business & Money](#)
[Consulting](#), [Investing](#), [Small Business](#)
- ▶ [Campus Life](#)
[Colleges](#), [College Sports](#), [Social Life](#)
- ▶ [Computers & Technology](#)
[HTML](#), [Software](#), [Hardware](#)
- ▶ [Entertainment](#)
[Movies](#), [Music](#), [TV](#), [Games](#)
- ▶ [Family & Kids](#)
[Family](#), [Genealogy](#), [Parenting](#), [Pets](#)

- ▶ [Home & Living](#)
[Health](#), [Home Improvement](#), [Recipes](#)
- ▶ [People & Chat](#)
[Romance](#), [Gay & Lesbian](#), [Teens](#)
- ▶ [Shopping](#)
[Bargain Hunting](#), [Books](#), [Free Stuff](#)
- ▶ [Society](#)
[Culture](#), [Environment](#), [Politics](#)
- ▶ [Sports & Recreation](#)
[Baseball](#), [Soccer](#), [Extreme Sports](#)
- ▶ [Travel](#)
[Cruises](#), [Asia](#), [Europe](#), [Vacation](#)
- ▶ [Women](#)
[Careers](#), [Issues](#), [Pregnancy](#)

[Florida fires: 40,000 evacuated](#)
[CNN, Time retract nerve gas story](#)
[Internet Explorer's other creator](#)
[Phil Hartman's replacement](#)
[Douglas Coupland on Lara Croft](#)

GeoPoll

Which gender do you prefer your boss to be?

World Report

Get the scoop on GeoCities,
including a special message from
Chairman and Founder David
Bohnert.

Leader of the Month

Yahoo! GeoCities

YAHOO! GEOCITIES

2009–present logo.

Web address www.geocities.co.jp

Commercial? Yes

Type of site Web hosting

Registration Yes

Owner Yahoo!

Created by David Bohnett and John Reznier

Launched November 1994; 21 years ago

Alexa rank ▼ 5,192 (February 2016)^[1]

Current status Active in Japan; defunct in the United States, Canada and Europe

Yahoo bought Geocities 1999 and delete it 2009
38 Million personal home pages („the first web“) lost!
reocities.com has a copy, ca. 600GB torrent was there as well



Yahoo 1994 - gestarted als Jerry & Dave's Bookmarks

Jerry and Dave's WWW Interface... (*Always Under construction*)

Welcome, visitor from

Last modified on Fri May 20 17:55:16 1994

There are currently 1909 entries in the hotlist database

Vous pouvez lancer des recherches dans cet index. Pour cela, entrez des mots clés de recherche :

- [Art](#)
- [Computers](#)
- [Economy](#)
- [Education](#)
- [Entertainment](#)
- [Environment and Nature](#)
- [Events](#)
- [Geography](#)
- [Government](#)
- [Health](#)
- [Humanities](#)
- [Journalism](#)
- [Law](#)
- [News](#)
- [Politics](#)
- [Reference](#)
- [Research](#)
- [Science](#)
- [Society and Culture](#)
- [todo](#)

Yahoo - A Guide to WWW

[[What's New?](#) | [What's Cool?](#) | [What's Popular?](#) | [Stats](#) | [A Random Link](#)]

[[Top](#) | [Up](#) | [Search](#) | [Mail](#) | [Add](#) | [Help](#)]

- [Art\(466\) new](#)
- [Business\(6426\) new](#)
- [Computers\(2609\) new](#)
- [Economy\(743\) new](#)
- [Education\(1487\) new](#)
- [Entertainment\(6199\) new](#)
- [Environment and Nature\(193\) new](#)
- [Events\(53\) new](#)
- [Government\(1031\) new](#)
- [Health\(367\) new](#)
- [Humanities\(163\) new](#)
- [Law\(163\) new](#)
- [News\(185\)](#)
- [Politics\(148\) new](#)
- [Reference\(474\) new](#)
- [Regional Information\(2606\) new](#)
- [Science\(2634\) new](#)
- [Social Science\(93\) new](#)
- [Society and Culture\(648\) new](#)

23836 entries in Yahoo [[Yahoo](#) | [Up](#) | [Search](#) | [Mail](#) | [Add](#) | [Help](#)]

yahoo@akebono.stanford.edu

Copyright © 1994 David Filo and Jerry Yang



Yahoo 1995

The screenshot shows the classic 1995 Yahoo homepage. At the top, there are two circular icons: one with a baby and another with an envelope. To the right of these is the large red "YAHOO!" logo. Below the logo are two more circular icons: one with a "My" symbol and another with a question mark. Navigation links include "What's New" and "Check Email" on the left, and "Personalize" and "Help" on the right. A banner for "FAMILY GUY" and "Win 6 days in Hawaii! Go to fox.com FOX" is prominently displayed. Below the banner, there are links for "Yahoo! Auctions" (bid & sell for free), "Park Your Domain Free", and search functionality ("Search" button and "advanced search" link). A "Yahoo! Mail" section encourages users to get a free e-mail account. A horizontal menu bar at the bottom lists various services: Shopping, Yellow Pages, People Search, Maps, Travel Agent, Classifieds, Personals, Games, Chat, Email, Calendar, Pager, My Yahoo!, Today's News, Sports, Weather, TV, Stock Quotes, and more.

Category	Link
Arts & Humanities	Literature, Photography...
Business & Economy	Companies, Finance, Jobs...
Computers & Internet	Internet, WWW, Software, Games...
Education	Universities, K-12, College Entrance...
Entertainment	Cool Links, Movies, Humor, Music...
Government	Military, Politics, Law, Taxes...
Health	Medicine, Diseases, Drugs, Fitness...
News & Media	Full Coverage, Newspapers, TV...
Recreation & Sports	Sports, Travel, Autos, Outdoors...
Reference	Libraries, Dictionaries, Quotations...
Regional	Countries, Regions, US States...
Science	Biology, Astronomy, Engineering...
Social Science	Archaeology, Economics, Languages...
Society & Culture	People, Environment, Religion...

In the News

- [King Hussein of Jordan dies](#)
- [Online: Lewinsky video testimony](#)
- [NASA comet mission](#)
- [NBA season opens](#)
- [Weekend's top movies](#)

Inside Yahoo!

- [Y! Personals](#) - find a Valentine
- [Shop](#) for your Valentine
- [Y! Clubs](#) - create your own

Yahoo Inc. (styled as **Yahoo!**) is an American multinational technology company headquartered in **Sunnyvale**, California. It is globally known for its **Web portal**, search engine **Yahoo! Search**, and related services, including **Yahoo! Directory**, **Yahoo! Mail**, **Yahoo! News**, **Yahoo! Finance**, **Yahoo! Groups**, **Yahoo! Answers**, advertising, online mapping, video sharing, fantasy sports and its social media website. It is one of the most popular sites in the United States.^[9] According to third-party web analytics providers **Alexa** and **SimilarWeb**, Yahoo! is the highest-read news and media website with

Yahoo Inc.	
Type	Public
Traded as	NASDAQ: YHOO [2] NASDAQ-100 Component S&P 500 Component
Founded	January 1994 (as Jerry and David's guide to the World Wide Web) March 1995 (as Yahoo!)
Headquarters	Sunnyvale , California, U.S.
Area served	Worldwide
Founder(s)	Jerry Yang, David Filo
Chairman	Maynard Webb
CEO	Marissa Mayer
Key people	David Filo (Chief Yahoo) ^[1]
Industry	Internet Computer software
Products	Yahoo News Yahoo Mail Yahoo Finance Yahoo Sports Yahoo Search Yahoo Messenger Yahoo! Answers Tumblr Flickr See Yahoo products
Revenue	▲ US\$4.96 billion (2015) ^[2]
Operating income	▼ US\$-4.74 billion (2015) ^[3]
Net income	▼ US\$-4.35 billion (2015) ^[4]
Total assets	▼ US\$45.20 billion (2015) ^[5]
Total equity	▼ US\$29.04 billion (2015) ^[6]
Employees	12,500 (2015) ^[7]

AltaVista 1995-2013

The screenshot shows the AltaVista homepage from October 23, 1999. The page features a blue header with the AltaVista logo and the tagline "The most powerful and useful guide to the Net". Below the header is a search bar with the placeholder "Ask AltaVista® a question. Or enter a few words in any language". The search interface includes dropdowns for "Search For: Web Pages", "Images", "Video", and "Audio". A "Search" button is located next to the search bar. To the right of the search bar is a "Help" link and an "Advanced Text Search" link. A "Search tip: use image search" link is also present. The main content area contains links to "ALTAVISTA CHANNELS" (My AltaVista, Finance, Travel, Shopping, Careers, Health, News, Entertainment), "FREE INTERNET ACCESS" (Download Now, Support, Yellow Pages, People Finder, Maps, Usenet, Check Email), and "USEFUL TOOLS" (Family Filter, Translation). On the left, there's a "DIRECTORY" section with links to Automotive, Business & Finance, and Computers & Internet. On the right, there's an "ALTAVISTA HIGHLIGHTS" section with a "POWER SEARCH" link and a note about "BIG changes coming to AltaVista 10/25 -Info inside!". Below the main content is a "TRY THESE SEARCHES..." section with a link to "Search for Halloween in images". The bottom of the page has a toolbar with icons for Back, Forward, Home, Search, Netscape, Print, Security, Stop, Bookmarks, and Location set to <http://www.altavista.com/>. The status bar at the bottom says "Document Done".

AltaVista was an early web search engine established in 1995. It was once one of the most popular search engines, but it lost ground to Google and was purchased by Yahoo! in 2003, which retained the brand but based all AltaVista searches on its own search engine. On July 8, 2013, the service was shut down by Yahoo! and since then, the domain has redirected to Yahoo!'s own search site.^[2]

The screenshot shows the AltaVista homepage from October 23, 1999. The page features a large red and blue AltaVista logo at the top. Below the logo is a navigation bar with links for File, Edit, View, Go, Communicator, Help, Back, Forward, Reload, Home, Search, Netscape, Print, Security, Stop, Bookmarks, and Location set to <http://www.altavista.com/>. The main content area is identical to the 1999 version, showing the "Connections" banner, search interface, and various links. The bottom of the page has a toolbar with icons for Back, Forward, Reload, Home, Search, Netscape, Print, Security, Stop, Bookmarks, and Location set to <http://www.altavista.com/>. The status bar at the bottom says "Document Done".

Type	Private company
Founded	1995
Headquarters	Palo Alto, California, USA
Key people	Paul Flaherty, Louis Monier, Michael Burrows, Jeffrey Black
Parent	Overture Services, Yahoo!
Website	Altavista.com
Alexa rank	▲ 790,820 (February 2016) ^[1]
Type of site	Search engine
Advertising	Yes
Registration	No
Available in	Multilingual
Launched	December 15, 1995; 20 years ago
Current status	Defunct (July 8, 2013) ^[2]





find a business near you

what business?

- business type (toys)
 business name (Joe's Toys)

look near this location:

[local address](#)[city/state](#)[Near My Home](#)[Search](#)

or browse categories...

[apparel](#)[home & real estate](#)[auto](#)[hotels & travel](#)[community](#)[money & law](#)[computers & internet](#)[shops & services](#)[dining & entertainment](#)[sports & recreation](#)[health](#)[get directions](#)[get a map](#)

shop online

[Augusta](#)[Detroit](#)[Miami](#)[So. California](#)[Boston](#)[Hampton Roads](#)[New York](#)[St. Paul](#)[Bakersfield](#)[Houston](#)[S.F. Bay Area](#)[Other cities...](#)[Charlotte](#)[Jacksonville](#)[Seattle](#)[about zip2](#) [what's new](#) [jobs](#) [feedback](#) [personalize](#)

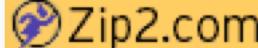
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Zip2 1999 - gekauft von AltaVista

AltaVista®Connections

[AltaVista.com](#) [My AltaVista](#) [Shopping.com](#)

 Zip2.com

[Find a Business](#) | [Find a Person](#) | [Get Directions](#) | [Get a Map](#) |

[Web Search](#)

Find a Business Near You

Enter a category or business name

Near You City & State

Near My Home 

Browse Categories

Auto	Home & Real Estate
Clothes & Accessories	Hotels & Travel
Community	Money & Law
Computers & Internet	Shops & Services
Dining & Entertainment	Sports & Recreation
Health	

Personalize

Cool Tools

[Find a Person](#)
[Get Directions](#)
[Get a Map](#)

[AltaVista MicroPortal](#)
[Babel Fish Translator](#)

Go Local

[Local Portals](#)
[Entertainment Guides](#)
[Real Estate Guides](#)
[Community Guides](#)
[Auto Guides](#)
[Yellow Pages](#)

Our Featured Local Portals

 
from The New York Times 

AltaVista/Zip2 provides the Internet's leading local portal services to get you locally relevant results -- faster.

[Products](#) | [Services](#) | [Affiliates](#) | [Partners](#) | [News](#) | [Company](#) | [Jobs](#)

[Feedback](#) [Help](#)

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All rights reserved. By using our site, you agree to our [terms of use](#).



Google 1998

The screenshot shows the original Google homepage. At the top is the iconic multi-colored 'Google!' logo. Below it is a search bar with the placeholder 'Search the web using Google!'. Underneath the search bar are three buttons: '10 results' with a dropdown arrow, 'Google Search', and 'I'm feeling lucky'. A note below the search bar states 'Index contains ~25 million pages (soon to be much bigger)'. In the middle section, there's a link to 'About Google!'. Below that are links for 'Stanford Search' and 'Linux Search'. A call-to-action 'Get Google! updates monthly!' includes fields for 'your e-mail' and buttons for 'Subscribe' and 'Archive'. At the bottom, a copyright notice reads 'Copyright ©1997-8 Stanford University'.

Google is an American multinational technology company specializing in Internet-related services and products. These include online advertising technologies, search, cloud computing, and software.^[5] Most of its profits are derived from AdWords,^{[6][7]} an online advertising service that places advertising near the list of search results.

Google Inc.



Type	Subsidiary
Industry	Internet Computer software
Founded	September 4, 1998; 17 years ago Menlo Park, California ^{[1][2]}
Founders	Larry Page Sergey Brin
Headquarters	Googleplex, Mountain View, California, U.S. ^[3]
Coordinates	37.422°N 122.084058°W
Area served	Worldwide
Key people	Sundar Pichai (CEO)
Products	List of Google products
Parent	Independent (1998–2015) Alphabet Inc. (2015–present)
Subsidiaries	List of subsidiaries
Website	www.google.com

Footnotes / references

[4]



Wikipedia 2001

[HomePage](#)

[HomePage](#) | [RecentChanges](#) | [Preferences](#) | [Random Page](#)

You can [edit this page right now!](#) It's a free, community project.

Welcome to [Wikipedia](#), a collaborative project to produce a complete encyclopedia from scratch. We started in January 2001 and already have [over 6,000 articles](#). We want to see so let's get to work—anyone can edit any page—copyedit, write a little, write a lot. See the [Wikipedia FAQ](#) for information on how to edit pages and other questions. If you're visiting for the first time, [welcome!](#) The content of Wikipedia is covered by the [GNU Free Documentation License](#).

Philosophy, Mathematics, and Natural Science

[Astronomy and Astrophysics](#) – [Biology](#) – [Chemistry](#) – [Earth Sciences](#) – [Mathematics](#) – [Philosophy](#) – [Physics](#) – [Science](#) – [Statistics](#)

Social Sciences

[Anomalous Phenomena](#) – [Anthropology](#) – [Archaeology](#) – [Countries of the world](#) – [Economics](#) – [Geography](#) – [History](#) – [History of Science and Technology](#) – [Language](#) – [Law](#) – [Psychology](#) – [Sociology](#)

Applied Arts and Sciences

[Agriculture](#) – [Architecture](#) – [Business and Industry](#) – [Communication](#) – [Computer](#) – [Education](#) – [Engineering](#) – [Family and Consumer Science](#) – [Health Sciences](#) – [Law](#) – [Information Science](#) – [Public Affairs](#) – [Technology](#) – [Transport](#)

Culture

[Classics](#) – [Critical Theory](#) – [Dance](#) – [Entertainment](#) – [Film](#) – [Games](#) – [Hobbies](#) – [Literature](#) – [Music](#) – [Opera](#) – [Painting](#) – [Performing Arts](#) – [Recreation](#) – [Religion](#) – [Sports](#) – [Theater and Drama](#) – [Tourism](#) – [Visual Arts and Design](#)

Other Category Schemes

[About Wikipedia category schemes](#) – [Library of Congress catalog scheme](#) – [Dewey Decimal System](#) – [Wikimedia arranged by topic](#) – [Year in Review](#) – [Historical anniversaries](#) – [Biographical listing](#)

International Wikipedias

[About the International Wikipedias](#) – [Catalan \(Català\)](#) – [Chinese \(Simplified\)](#) – [German \(Deutsch\)](#) – [Esperanto](#) – [French \(Français\)](#) – [Hebrew \(עברית\)](#) – [Italian \(Italiano\)](#) – [Japanese \(日本語\)](#) – [Portuguese \(Português\)](#) – [Brazilian Portuguese](#) – [Spanish \(Castellano\)](#) – [Croatian \(Hrvatski\)](#)

Wikipedia

[FAQ](#) – [Policy](#) – [Article news](#) – [Announcements](#) – [Requested articles](#) – [Help desk](#) – [New topics](#) – [Brilliant prose](#) – [Mailing list](#) – [Feature requests](#) – [Bug reports](#) – [Comments](#) – [Domain Resources](#) – [Wikipedia and Wikipedia](#) – [Sandboxes](#) – [License](#) – [Wikisystems](#)

Today is Friday, [July 27], 2001, servertime (Pacific Standard Time)

[Talk](#)



Facebook 2004

Thefacebook [Welcome to Thefacebook]

Welcome to Thefacebook!

[Welcome to Thefacebook]

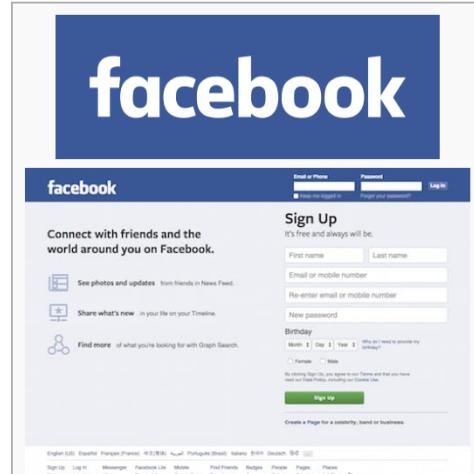
Thefacebook is an online directory that connects people through social networks at colleges.

We have recently opened up Thefacebook at the following schools:

- Alabama A&M • Alabama Huntsville • Aquinas • Art Chicago
- Bellarmine • Belmont Abbey • Bethel KS • Bethune Cookman
- Brevard • Brookdale • Caldwell • Catawba • Cedar Crest • Central College
- Clarke • COE College • Concord • Concordia MN • Concordia NY
- CSU East Bay • CSU Mont. Bay • CUNY Lehman • Delaware State
- Delaware Valley • Detroit Mercy • Dowling • Erskine • Evergreen
- Fayetteville • FL Southern • Fort Hays • Francis Marion
- Franklin • Franklin CH • Franklin Pierce • Full Sail • Georgian Court
- Houston Baptist • Incarnate Word • Johnson CC • Juilliard
- Juniata • LA Monroe • Lander • Lasell • Lawrence Tech • Lesley
- Lincoln MO • Lincoln PA • Marietta • Maryland Art • Maryland Eastern
- Marywood • McKendree • Mesa State • Mills College • Monroe
- Mount Ida • Muskingum • N.E. Illinois • Nebraska Kearney
- New College FL • NJ City • Oakwood • Oglethorpe • Ohio Dominican

Facebook is a corporation and online social networking service headquartered in Menlo Park, California, in the United States. Its website was launched on February 4, 2004, by Mark Zuckerberg with his Harvard College roommates and fellow students Eduardo Saverin, Andrew McCollum, Dustin Moskovitz and Chris Hughes.^{[8][9][10]} The founders had initially limited the website's membership to Harvard students, but later expanded it to colleges in the Boston area, the Ivy League, and Stanford University. It gradually added support for students at various other universities and later to high-school students. Since 2006, anyone who is at least 13 years old was allowed to become a registered user of the website, though the age requirement may be higher depending on applicable local laws.^[11] Its name comes from the face book directories often given to American university students.^[12]

Facebook, Inc.



Facebook login/signup screen

Type	Public
Traded as	NASDAQ: FB
	NASDAQ-100 Component
	S&P 500 Component
Founded	February 4, 2004; 12 years ago
Headquarters	Menlo Park, California, U.S.
Coordinates	37.4848°N 122.1484°W
Area served	United States (2004–05) Worldwide, except blocking countries (2005–present)
Founder(s)	Mark Zuckerberg Eduardo Saverin Andrew McCollum Dustin Moskovitz Chris Hughes
Key people	Mark Zuckerberg (Chairman and CEO) Sheryl Sandberg (COO)
Industry	Internet
Revenue	▲ US\$17.928 billion (2015) ^[1]
Operating income	▲ US\$6.225 billion (2015) ^[1]
Net income	▲ US\$3.688 billion (2015) ^[1]

Youtube 2005



first video was the visit of the founder at the zoo



Twitter 2006

[Twitter.com](#)

A global community of friends and strangers answering one simple question: **What are you doing?**

The screenshot shows the initial Twitter interface. At the top, a large input field asks "What are you doing?". Below it, a message says "Thinking about sending my little sister something". To the right, a green box contains instructions: "Once you join, the first thing you'll want to do is type your first ever Twitter update. No pressure, just put something simple." Below these are four numbered steps (1, 2, 3, 4) with a "Update" button at the bottom. A "Recent Public Updates" section follows, showing a tweet from "Ikmutsicon96" (@hayobethlehem) about weather, and another from "Tim_Huendin" (@Tim_Huendin) about not being at work.

Recent Public Updates

[Ikmutsicon96](#) [hayobethlehem](#) weather report is estimating 20degrees celcius temperatures today. ARE THEY NUTS?!? [4 minutes ago](#) from im

[Tim_Huendin](#) Just got up. Not in work this

Twitter ([/twiter/](#)) is an online **social networking** service that enables users to send and read short 140-character messages called "tweets".

Registered users can read and post tweets, but those who are unregistered can only read them. Users access Twitter through the website interface, **SMS** or mobile device **app**.^[10] Twitter Inc. is based in **San Francisco** and has more than 25 offices around the world.^[11]

Please Sign In!

Email or Mobile Number

Password [Forgot?](#)

Remember me

Sign In!

Want an account?

Join for Free!

It's fast and easy!

Featured!



asrude



Tom Coates



Fabinkcap fabienne

Twitter, Inc.

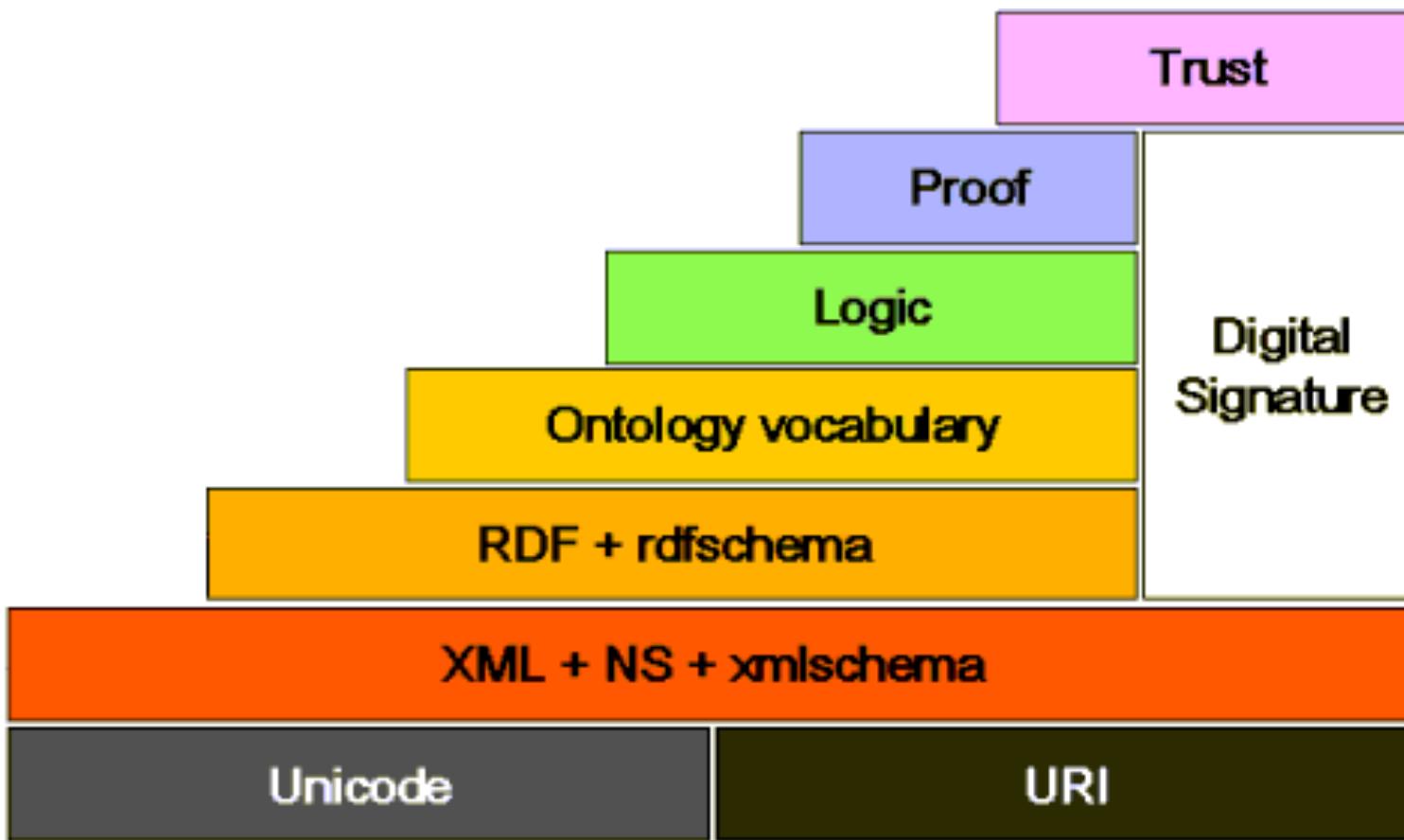


The screenshot shows the modern Twitter homepage. It features a large blue header with the Twitter logo and navigation links like "See what's happening right now", "Sign up", and "Log in". Below the header is a search bar and a "Featured" section with various tweets and media. On the right, there's a "Now to Twitter?" sign-up form and a sidebar with news and entertainment sections.

Twitter's homepage as of August 2015 (only in select countries)

Type	Public
Traded as	NYSE: TWTR
Founded	March 21, 2006; 9 years ago ^[1]
Headquarters	San Francisco, California, United States ^[2]
Area served	Worldwide
Founder(s)	Jack Dorsey, Noah Glass, Biz Stone, Evan Williams
Chairman	Omid Kordestani
CEO	Jack Dorsey
Industry	Internet
Revenue	▲ US\$2.21 billion (2015) ^[3]
Net income	▼ US\$521 million (2015) ^[3]
Employees	3,638 (2015) ^[4]
Subsidiaries	Vine
Website	twitter.com

Semantic Web ab 2004 .. erste Version



viel Geld wurde damit verschwendet, herauszufinden was man damit machen kann
Quaero 2005 - 2008 Die EU hat 400 million € für nichts ausgegeben
NIEMAND wusste wie man dazu ein Suchinterface macht!



Semantic Web umbenannt zu Giant Global Graph

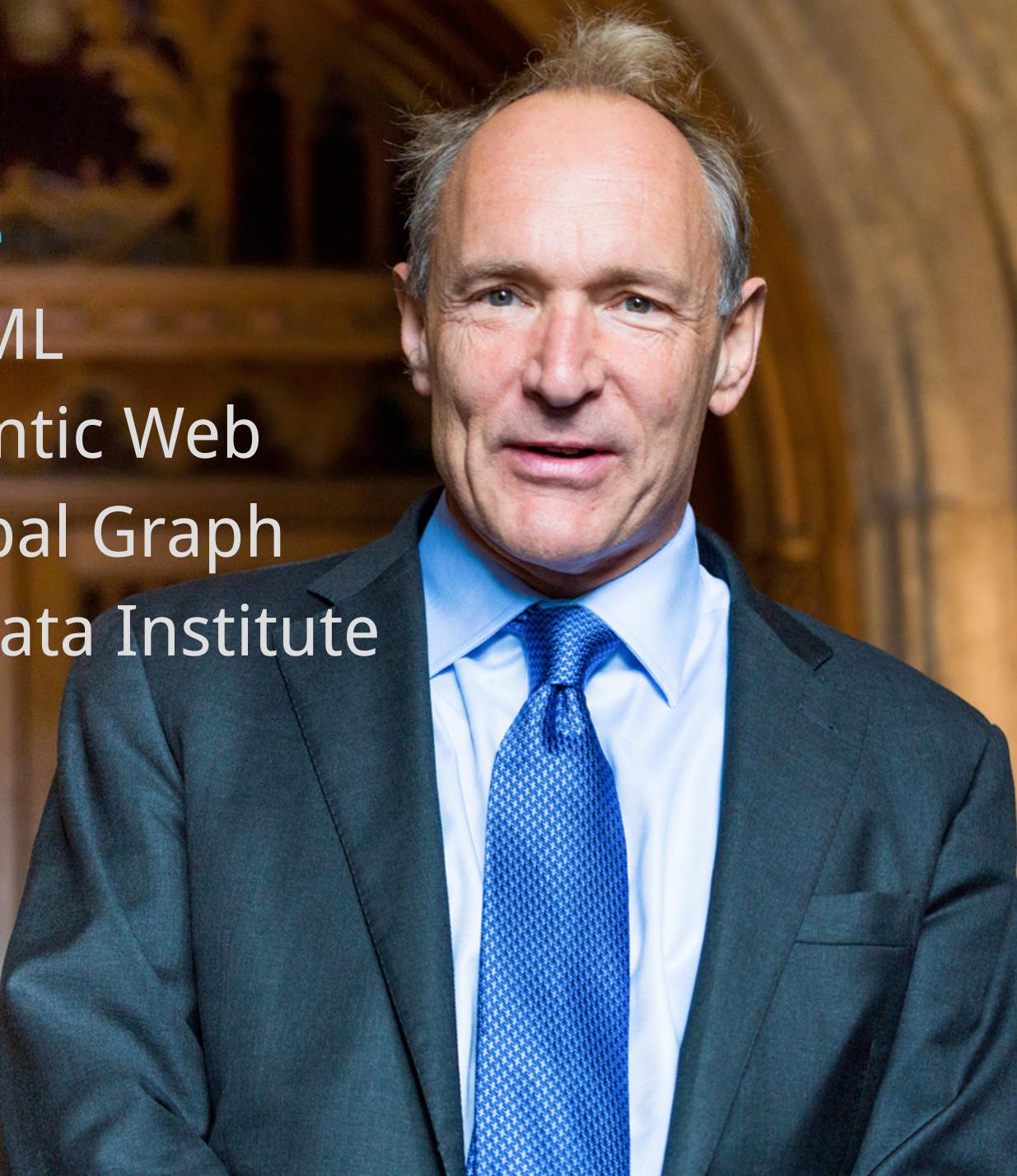
Tim Berners-Lee

1989: HTTP+HTML

2004: The Semantic Web

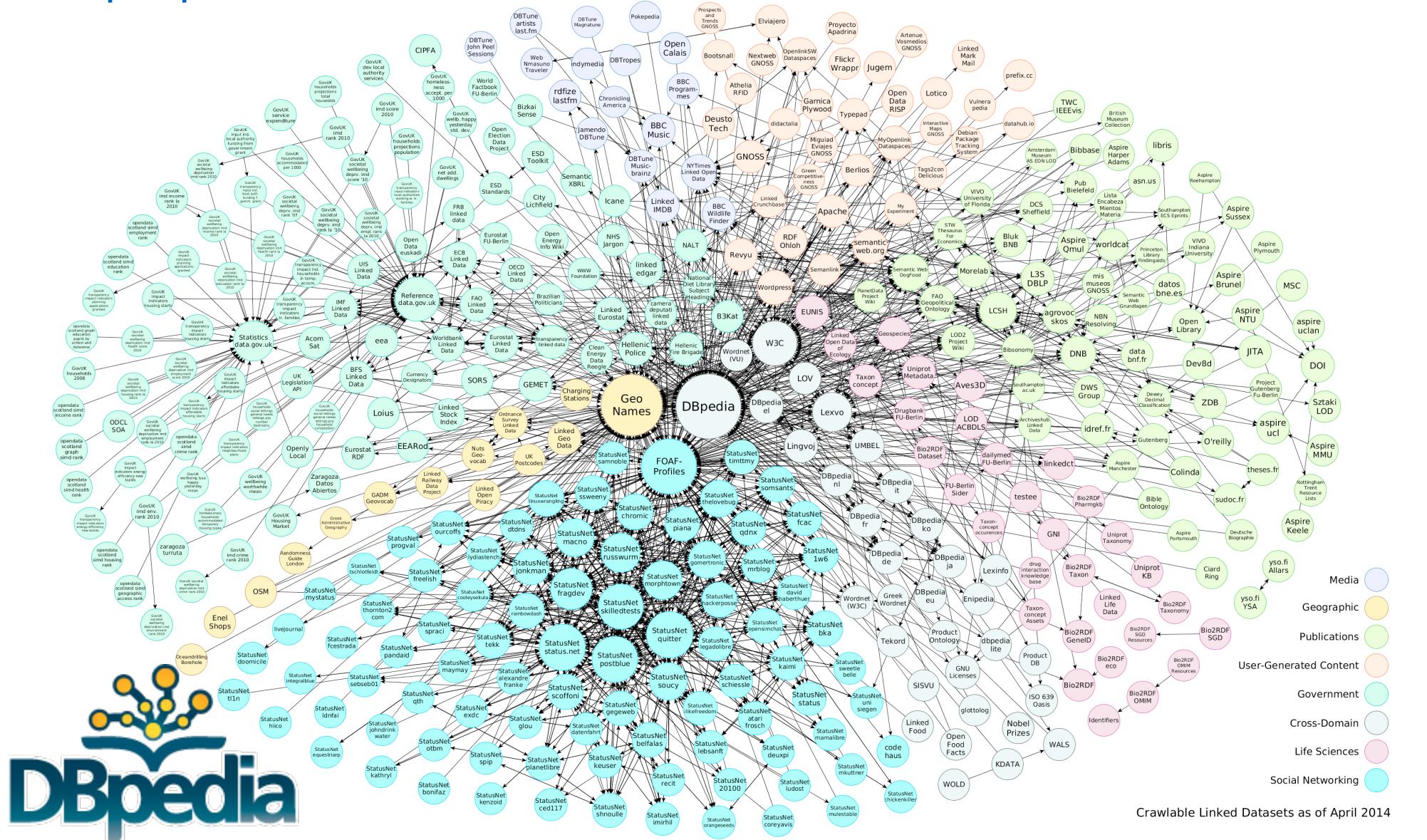
2007: Giant Global Graph

2012: @ Open Data Institute



Giant Global Graph „zweite Version“ vom Semantic Web

Spielplatz für Wissenschaftler (interessiert sonst aber niemanden)



Example http://dbpedia.org/page/Open_Data_Institute



Bing 2009

Web Images Videos Shopping News Maps More | MSN Hotmail

Sign in ▾ Mountain



Web

mbzrxpgjys



Web Images More ▾

SEARCH HISTORY

Turn on search history to start remembering your searches.

Turn history on

ALL RESULTS

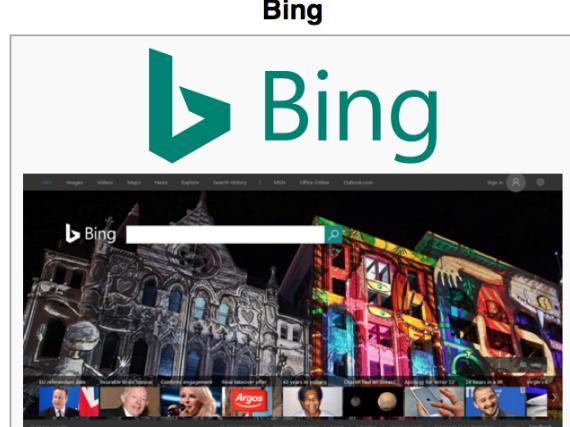
1-1 of 1 results · Advanced

RIM Company - Learn about Research In Motion

Looking for contact information, locations, executive biographies or what the latest RIM press release is saying? Click and discover more about Research In Motion.
www.rim.com · Cached page

The homepage features a large, vibrant image of a building's exterior at night, with colorful lights and reflections. Below the main search bar, there are several smaller images and links, including a EU referendum poll, a video of Bill Clinton, a woman singing, an Argos logo, and a man holding a smartphone. The footer contains standard links like Image Credits, Privacy and Cookies, Legal, Advertise, About our ads, European Data Protection, Help, and Feedback.

Bing is a [web search engine](#) owned and operated by [Microsoft](#). The service has its origins in Microsoft's previous search engines: **MSN Search**, **Windows Live Search** and later **Live Search**. Bing provides a variety of search services, including web, video, image and map search products. It uses the [ASP.NET programming language](#) and follows the design principles of Microsoft's "Metro" design language.



The Bing homepage features an image or video that changes daily

Web address	www.bing.com
Slogan	Bing is for doing. (2012) Bing and decide (2009)
Commercial?	Yes
Type of site	Search Engine
Registration	Optional (Microsoft account)
Available in	40 languages
Written in	ASP.NET ^[1]
Owner	Microsoft
Created by	Microsoft
Launched	June 1, 2009; 6 years ago
Alexa rank	▼ 17 (December 2015) ^[2]
Current status	Active

WolframAlpha 2009 „Knowledge Engine“, keine SuMa

 WolframAlpha

unemployment rate NYC, Chicago, Seattle

Input interpretation

New York City, New York	unemployment rate
Chicago, Illinois	
Seattle, Washington	

Results

New York City, New York, United States	8.8%
Chicago, Illinois, United States	10.3%
Seattle, Washington, United States	6.6%

(December 2011)

History



— New York City, New York, United States
— Chicago, Illinois, United States | — Seattle, Washington, United States

(from Jan 1990 to Dec 2011) (in percent)
(not seasonally adjusted)

Log scale

Wolfram Alpha	
 WolframAlpha	computational knowledge engine
Web address	www.wolframalpha.com
Slogan	Making the world's knowledge computable. ^[1]
Commercial?	Yes
Type of site	Answer engine
Registration	Optional
Written in	Wolfram Language
Owner	Wolfram Alpha LLC
Created by	Wolfram Research
Launched	May 18, 2009 ^[2] (official launch) (6 years, 9 months, 3 weeks and 5 days) May 15, 2009 ^[3] (public launch)
Alexa rank	▼1,932 (March 2015) ^[4]
Current status	Active

Wolfram Alpha (also styled **WolframAlpha** and **WolframAlpha**) is a computational knowledge engine^[5] or answer engine developed by **Wolfram Research**, which was founded by **Stephen Wolfram**. It is an online service that answers factual queries directly by computing the answer from externally sourced "curated data",^[6] rather than providing a list of documents or web pages that might contain the answer as a search engine might.^[7]

Facebook Graph Search 2012-2014

The screenshot shows a Facebook search results page. At the top, there's a search bar with the query "my friends who like quora". To the right of the search bar is a user profile for "Dan". Below the search bar is a navigation bar with tabs: "Top" (which is selected), "People", "Photos", "Pages", "Places", and "More". The main content area displays a search result titled "My friends who like Quora". This result includes a small icon of a person, a blurred profile picture, and a blurred list of names. There is also a "See More" link. On the far right of the screen, there are several blue arrows pointing upwards, with the word "TRE" above them.

Facebook didn't remove Graph Search entirely. All, or most, of its functionality is still available, but slightly hidden.

The simpler queries can easily be typed in using the search bar, but the more advanced queries **can only be accessed through a direct URL**.

My friends who like Quora:

facebook.com/search/255232486973/likers/me/friends/intersect ↗

My male friends:

facebook.com/search/males/me/friends/intersect ↗

My friends who live near Los Angeles:

facebook.com/search/110970792260960/residents-near/present/friends/intersect ↗

My male friends who live near Los Angeles that like Quora:

[facebook.com/search/255232486973/likers/males/110970792260960/residents-nea
r/present/me/friends/intersect](https://facebook.com/search/255232486973/likers/males/110970792260960/residents-nea
r/present/me/friends/intersect) ↗



Organization of Schemas

The schemas are a set of 'types', each associated with a set of properties. The types are arranged in a hierarchy.

The core vocabulary currently consists of 642 Types, 992 Properties, and 219 Enumeration values.

Browse the full hierarchy:

- [One page per type](#)
- [Full list of types, shown on one page](#)

Or you can jump directly to a commonly used type:

- Creative works: [CreativeWork](#), [Book](#), [Movie](#), [MusicRecording](#), [Recipe](#), [TVSeries](#) ...
- Embedded non-text objects: [AudioObject](#), [ImageObject](#), [VideoObject](#)
- [Event](#)
- [Health and medical types](#): notes on the health and medical types under [MedicalEntity](#).
- [Organization](#)
- [Person](#)
- [Place](#), [LocalBusiness](#), [Restaurant](#) ...
- [Product](#), [Offer](#), [AggregateOffer](#)
- [Review](#), [AggregateRating](#)
- [Action](#)

Google suggested an RDF schema...

Using the [extension mechanism](#) the core vocabulary is extended by the following hosted extensions:

- [auto.schema.org](#)
- [bib.schema.org](#)

See also the [releases](#) page for recent updates and project history.

We also have a small set of [primitive data types](#) for numbers, text, etc. More details about the data model, etc. are available [here](#).



Semantic Web wird mit schema.org umgesetzt

ebay Shop by category Search... All Categories Search Advanced

Back to search results | Listed in category: Business & Industrial > Manufacturing & Metalworking > Welding > Protective Gear > Welding Goggles Clothing, Shoes & Accessories > Costumes, Reenactment, Theater > Accessories > Glasses

\$ BUY 3, GET 1 FREE (add 4 to cart) See all eligible items ▾

New Welding Cutting Welders Safety Goggles Glasses Flip Up Dark Green Lenses
★★★★★ 6 ratings

Item condition: New
Quantity: 1 More than 10 available / 1,126 sold

List price: \$6.98 ⓘ
You save: \$2.96 (42% off)
Now: US \$4.02

Buy It Now Add to cart

147 watching Add to watch list Add to collection

1,126 sold Experienced seller More than 95% s

Shipping: \$15.52 International Priority Shipping to Germany via the Global Shipping Program ⓘ | See details
Item location: Aurora, Nebraska, United States
Ships to: United States and many other countries | See details

Import charges: \$0.00 (amount confirmed at checkout) ⓘ
No additional import charges on delivery

Delivery: Estimated between Mon. Mar. 28 and Tue. Apr. 5 ⓘ
Includes international tracking

Mouse over image to zoom

\$ Have one to sell? Sell now



```
<div class="u-cb spcr vi-bbox-spcr15 "></div>

<div class="u-cb">
    <div class="vi-bbox-dspn u-fll lable binLabel" id="prcIsum-lbl">Now:</div>
    <div id="vi-mskumap-none" style="" class="u-fll w29 vi-price" itemprop="offers" itemscope="itemscope" itemtype="http://schema.org/Offer">

<span class="notranslate" id="prcIsum" itemprop="price" style="">US $4.02</span>
<div id="isum-shipCostDiv" class="sh-CostBB"></div>
    <span itemprop="availability" content="http://schema.org/InStock"></span>
<span itemprop="priceCurrency" content="USD"></span>
```

schema.org

priceCurrency

Thing > Property > priceCurrency

The currency (in 3-letter ISO 4217 format) of the price or a price component, when attached to PriceSpecification and its subtypes.

Usage: Between 500,000 and 1,000,000 domains

Values expected to be one of these types

Text

Used on these types

Offer
PriceSpecification
Reservation
Ticket



Hardware:



Software:



Software:



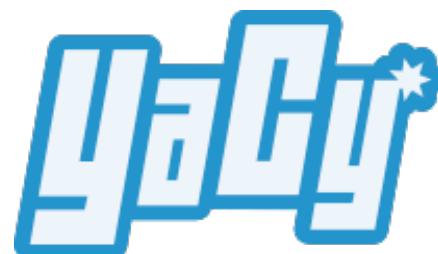
Library:



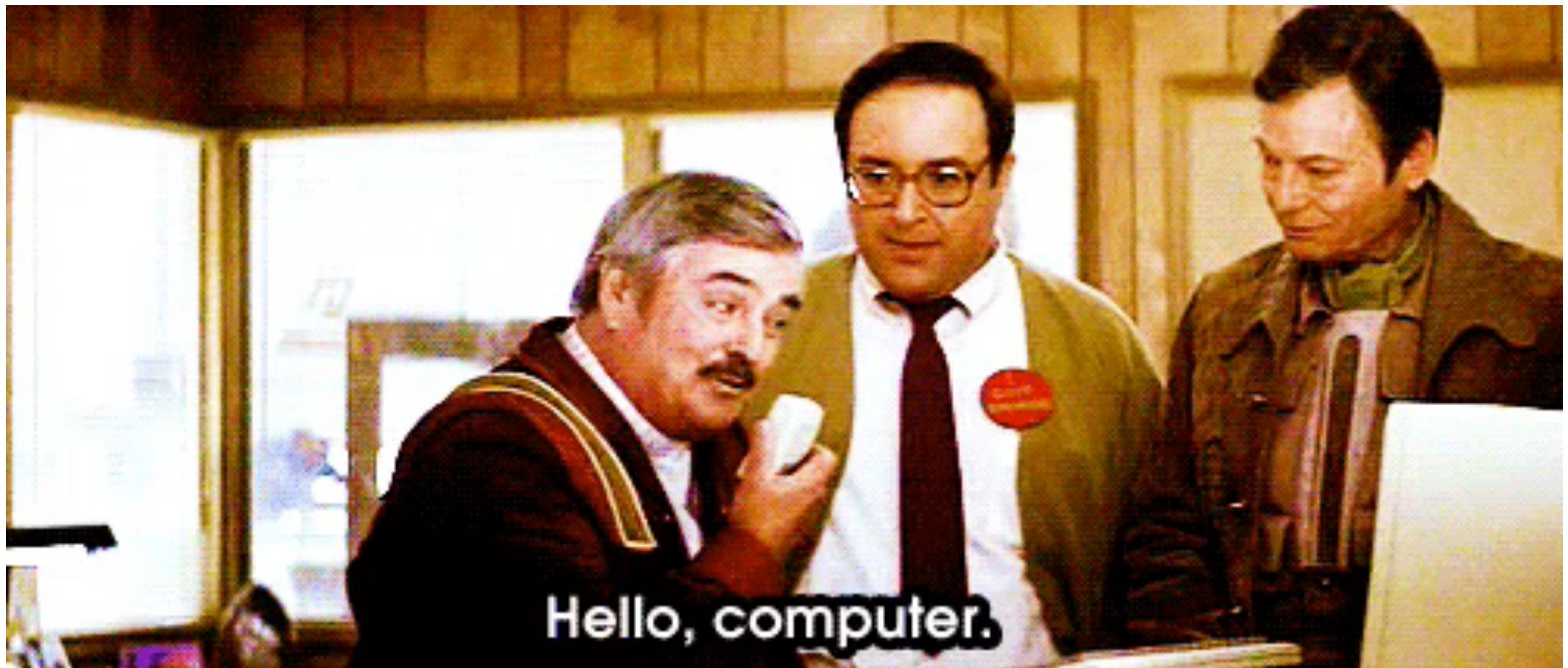
**with
XML/JSON**

API:

**with API+
Harvester:**



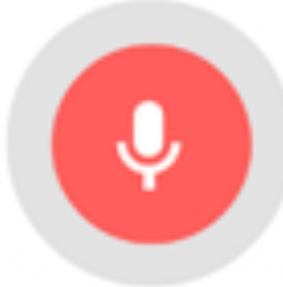
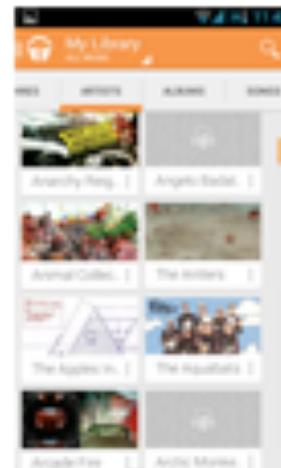
The Future from the past



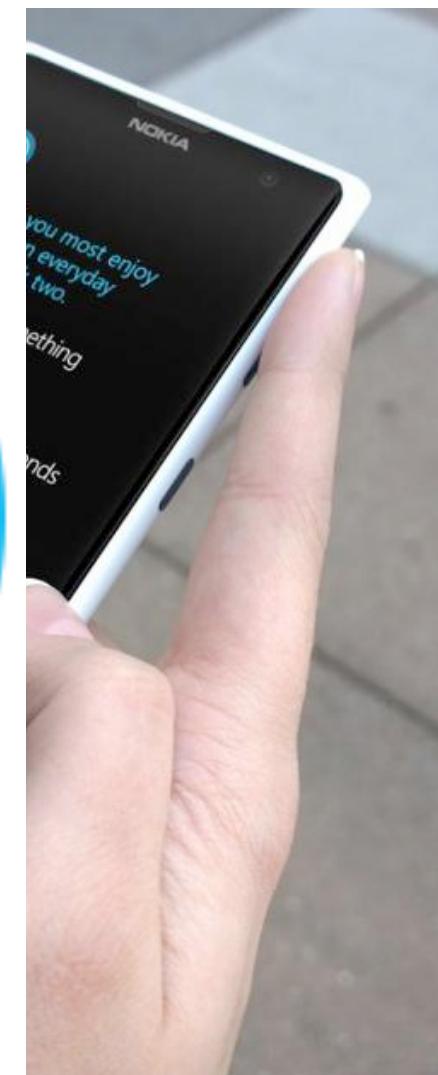
Star Trek IV 1986 - niemand wird eine Tastatur verwenden



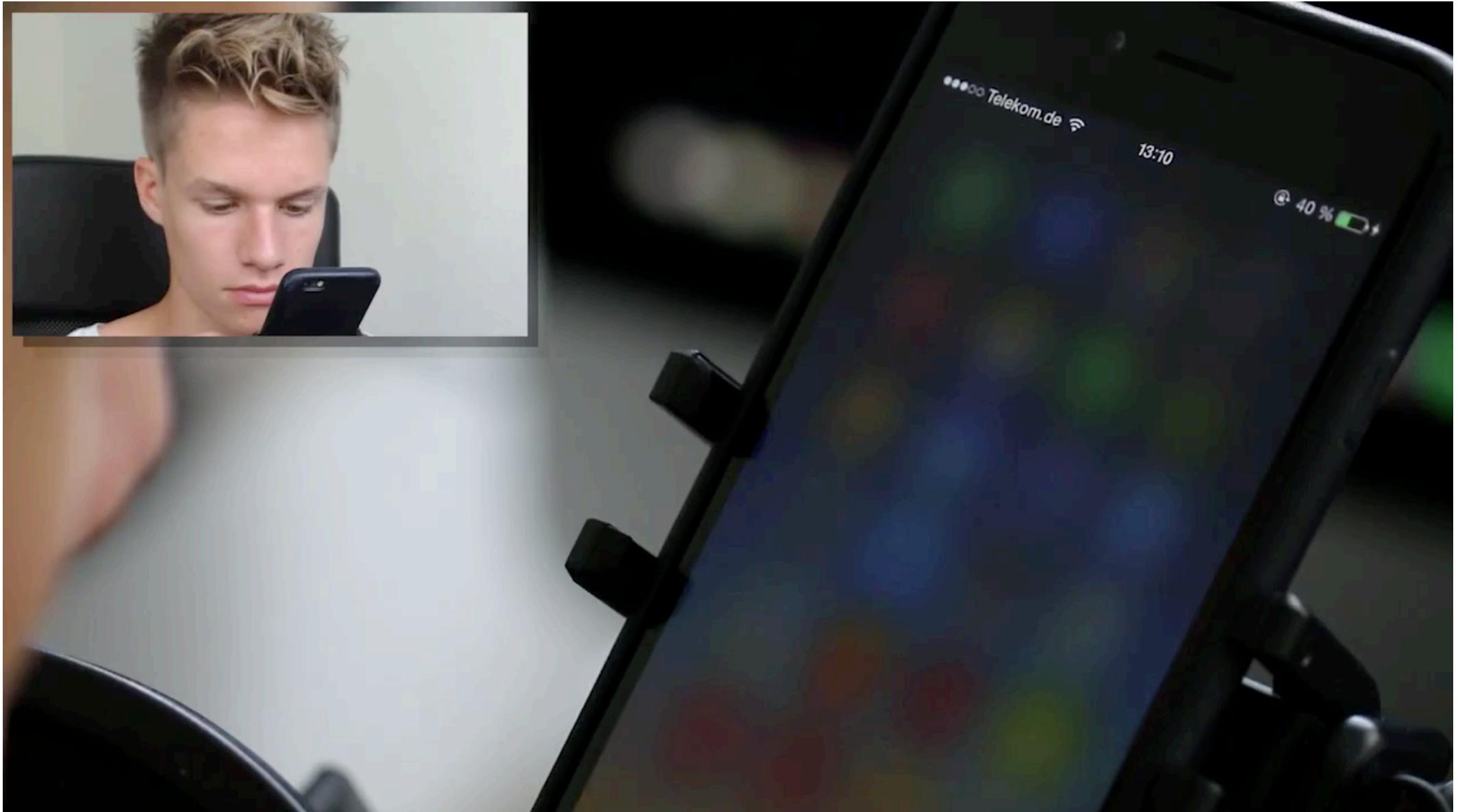
"Sing Me a Song"



Google



Voice Search Smart Phones werden Suchinterface



**Suchmaschinen
beantworten Fragen**

The Zukunft der Suchmaschinen

**zukünftige
Suchmaschinen werden
die bislang
unbeantwortbaren
Fragen beantworten**

The Zukunft der Suchmaschinen

**Die populären Fragen
können bereits
beantwortet werden**

Sport?

Wetter?

Was soll ich jetzt machen?

Wie kann ich...?

Wie finde ich andere Leute?

Welt-Wissen

Wo kann ich was kaufen?
Was soll ich kaufen?

Recommendation Engines basieren auf Suchmaschinen

„was soll ich kaufen?“

Frequently Bought Together



<http://www.amazon.com/Black-Welding-Cup-Goggles-50mm/dp/B002DLYR8A/>

Wird oft zusammen gekauft



<http://www.amazon.de/gp/product/B001BB1VPU/>



Suggestion Engines Welche Fragen werden gestellt?

was wird
gefragt?

who



who am i

who is perfect

who let the dogs out

who club augsburg

[Weitere Informationen](#)

Suggestion Engines Welche Fragen werden gestellt?

was wird
gefragt?

where

where is the love
where is my mind
where to invade next
where are you now



[Weitere Informationen](#)

Zum Start der Suche Eingabetaste drücken

Suggestion Engines Welche Fragen werden gestellt?

was wird
gefragt?

what



what do you mean

what the font

what is my ip

what does the fox say

[Weitere Informationen](#)

Suggestion Engines Welche Fragen werden gestellt?

was wird
gefragt?

how



how i met your mother
how deep is your love
how hot
how to be single

[Weitere Informationen](#)

Suggestion Engines Welche Fragen werden gestellt?

was wird
gefragt?

berlin ist



berlin ist **techno**

berlin ist **eine reise wert**

berlin ist **beste**

berlin ist **dreckig**

[Weitere Informationen](#)

Zum Start der Suche Eingabetaste drücken

Suggestion Engines Welche Fragen werden gestellt?

was wird
gefragt?

frankreich ist



frankreich ist **schön**

frankreich ist **bekannt für**

frankreich ist **res**

frankreich ist **schön wenn man in einem deutschen panzer
sitzt**

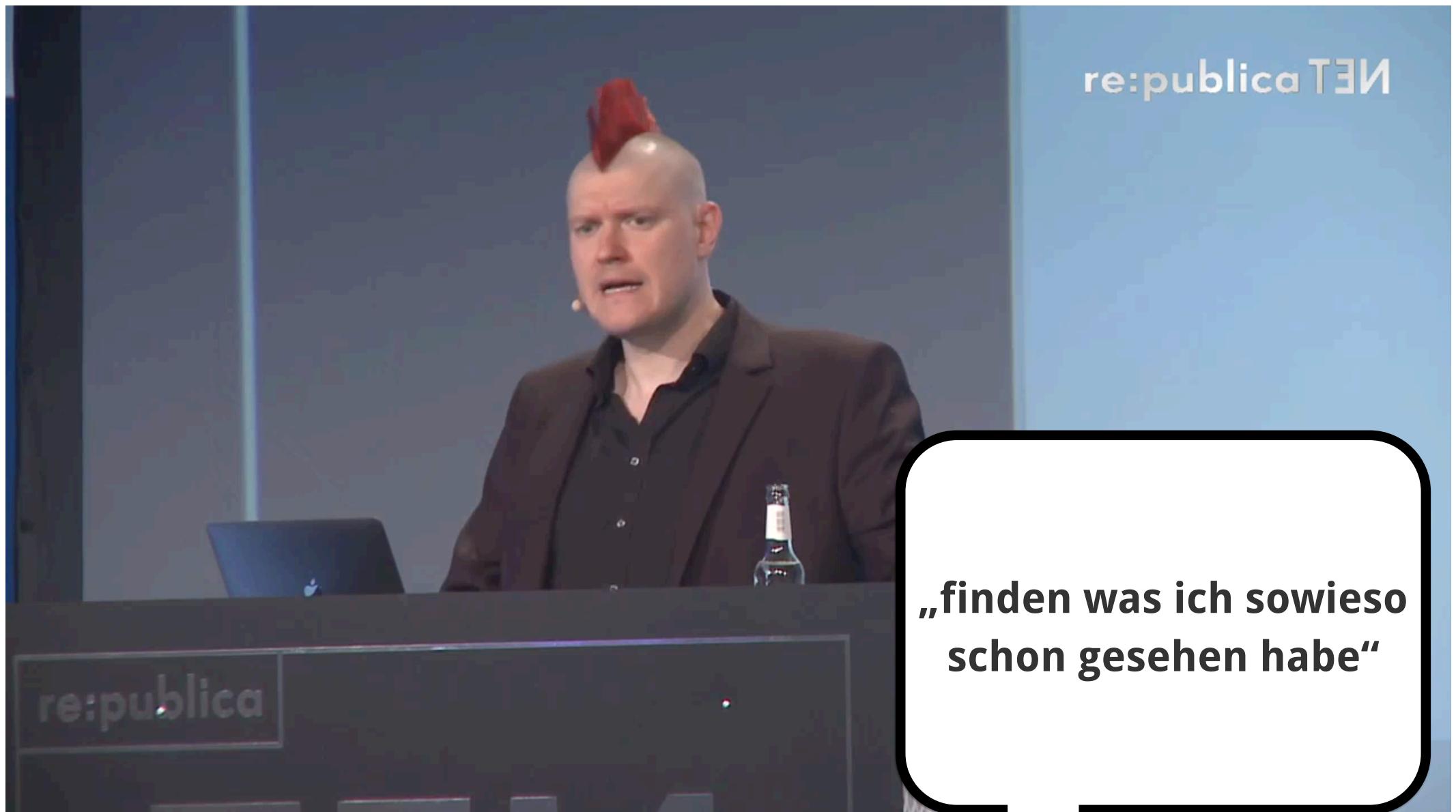
[Weitere Informationen](#)

Zum Start der Suche Eingabetaste drücken

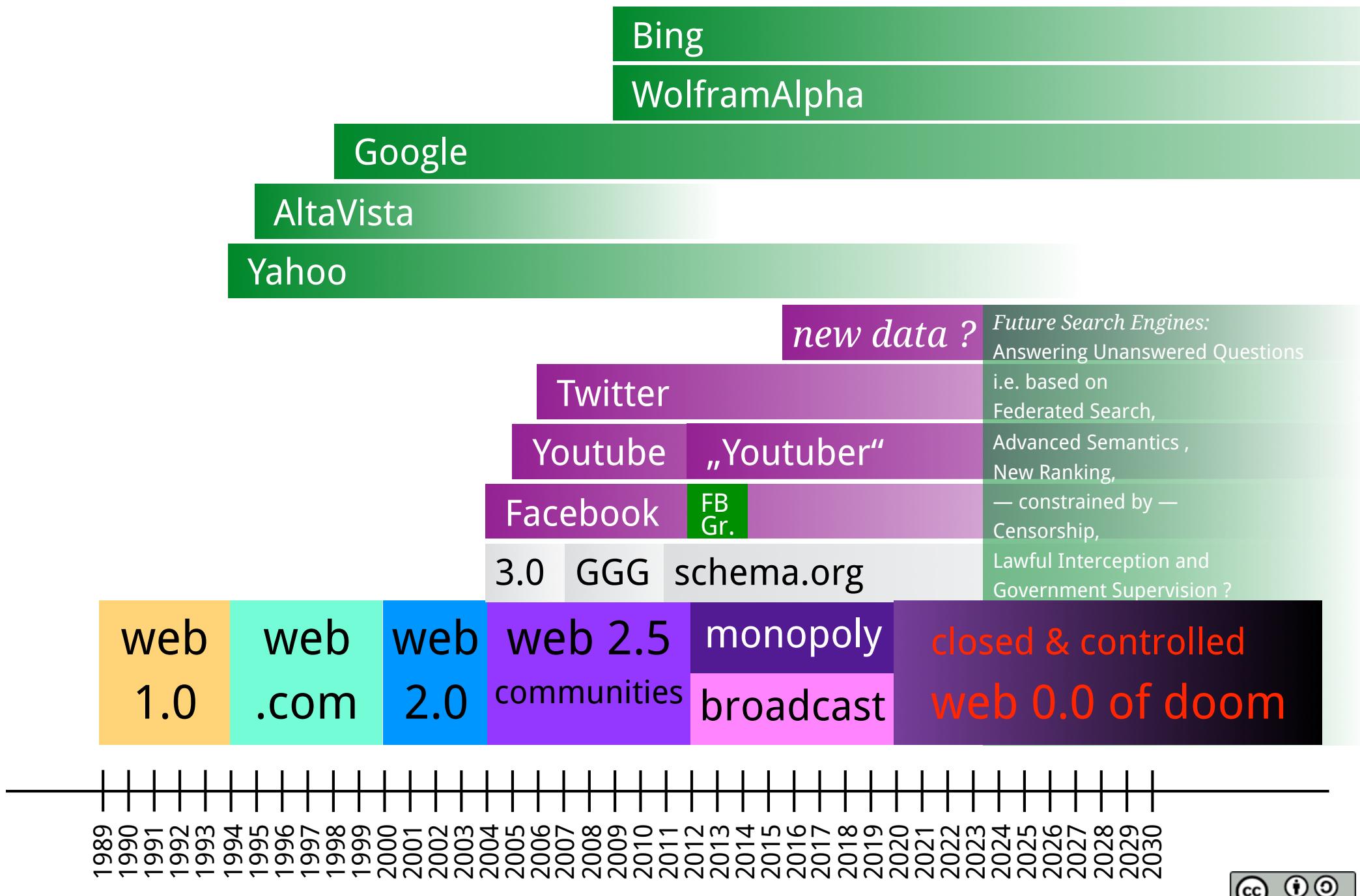
Die Zukunft der Suchmaschinen

**zukünftige
Suchmaschinen werden
die bislang
unbeantworteten
Fragen beantworten
können**

re:publica #reTEN Sascha Lobo will neue Suchmaschinen



Search Engine Timeline Was könnte passieren?



Suchmaschinen der Zukunft

Dipl. Inf. Michael Christen, mc@yacy.net, @0rb1t3r

Einfach auch mal selber eine Suchmaschine betreiben:



Web Search Engine
<http://yacy.net>



Twitter Search Engine
<http://loklak.org>

