



This two page Google Cheat Sheet lists all Google services and tools as well as background information. The Cheat Sheet offers a great reference to grasp of basic to advance Google query building concepts and ideas.

Key for skill required to understand the underlying concepts

- Novice
- Intermediate
- Expert

Google Company Information

Public (NASDAQ: GOOG) and (LSE: GGEA)

Founded

Menlo Park, California (1998)

Location

Mountain View, California, USA

Key people

Eric E. Schmidt
Sergey Brin
Larry E. Page
George Reyes

Revenue

\$6.138 Billion USD (2005)

Net Income

\$1.465 Billion USD (2005)

Employees

5,680 (2005)

Contact Address

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GOOGLE SERVICES

Google AdSense	https://www.google.com/adsense/
Google AdWords	https://adwords.google.com/
Google Analytics	http://google.com/analytics/
Google Answers	http://answers.google.com/
Google Base	http://base.google.com/
Google Blog Search	http://blogsearch.google.com/
Google Bookmarks	http://www.google.com/bookmarks/
Google Books Search	http://books.google.com/
Google Calendar	http://google.com/calendar/
Google Catalogs	http://catalogs.google.com/
Google Code	http://code.google.com/
Google Code Search	http://www.google.com/codesearch/
Google Deskbar	http://deskbar.google.com/
Google Desktop	http://desktop.google.com/
Google Directory	http://www.google.com/dirhp
Google Earth	http://earth.google.com/
Google Finance	http://finance.google.com/
Google Groups	http://groups.google.com/
Google Images	http://images.google.com/
Google Labs	http://labs.google.com/
Google Local	http://local.google.com/
Google Maps	http://maps.google.com/
Google Mars	http://www.google.com/mars/
Google Mobile	http://mobile.google.com/
Google Moon	http://moon.google.com/
Google Movies	http://www.google.com/movies?q
Google Music	http://www.google.com/musicsearch?q
Google News	http://news.google.com/
Google Page Creator	http://pages.google.com/
Google Personalized Home...	http://www.google.com/ig
Google Reader	http://www.google.com/reader/
Google Scholar	http://scholar.google.com/
Google Search History	http://www.google.com/searchhistory/
Google SMS	http://www.google.com/sms/
Google Suggest	http://www.google.com/webhp?complete=1
Google Talk	http://talk.google.com/
Google Toolbar	http://toolbar.google.com/
Google Transit Trip Planner	http://www.google.com/transit
Google Translate	http://www.google.com/translate_t
Google Trends	http://www.google.com/trends
Google Video	http://video.google.com/
Google Web Accelerator	http://webaccelerator.google.com/
Google Web API	http://www.google.com/apis/
Google Web Search	http://www.google.com

Google domains

google.ae	google.co.kr
google.af	google.kz
google.com.af	google.li
google.com.ag	google.lk
google.off.ai	google.co.ls
google.am	google.lt
google.com.ar	google.lu
google.as	google.lv
google.at	google.com.ly
google.com.au	google.mn
google.az	google.ms
google.ba	google.com.mt
google.com.bd	google.mu
google.be	google.mw
google.bg	google.com.mx
google.com.bh	google.com.my
google.bi	google.com.na
google.com.bo	google.com.nf
google.com.br	google.com.ni
google.bs	google.nl
google.co.bw	google.no
google.com.bz	google.com.np
google.ca	google.nr
google.cd	google.nu
google.cg	google.co.nz
google.ch	google.com.om
google.ci	google.com.pa
google.co.ck	google.com.pe
google.cl	google.com.ph
google.cn	google.com.pk
google.com.co	google.pl
google.co.cr	google.pn
google.com.cu	google.com.pr
google.de	google.pt
google.dj	google.com.py
google.dk	google.ro
google.dm	google.ru
google.com.do	google.rw
google.com.ec	google.com.sa
google.com.eg	google.com.sb
google.es	google.sc
google.com.et	google.se
google.fi	google.com.sg
google.com.fj	google.sh
google.fm	google.sk
google.fr	google.sn
google.gg	google.sm
google.com.gi	google.com.lv
google.gl	google.co.th
google.gm	google.com.tj
google.gr	google.tm
google.com.gt	google.to
google.com.hk	google.tp
google.hn	google.com.tr
google.hr	google.tt
google.ht	google.com.tw
google.co.hu	google.com.ua
google.co.id	google.co.ug
google.ie	google.co.uk
google.co.il	google.com.uy
google.co.im	google.uz
google.co.in	google.com.vc
google.is	google.co.ve
google.it	google.vg
google.co.je	google.co.vi
google.com.jm	google.com.vn
google.jo	google.vu
google.co.jp	google.ws
google.co.ke	google.co.za
google.kg	google.co.zm

GOOGLEBOT

Googlebot/2.1 IP Addresses

- 64.68.80.#
- 64.68.81.#
- 64.68.82.#
- 64.68.84.#
- 64.68.88.#
- 216.239.46.#
- 216.239.38.#
- 216.239.36.#

Google PageRank Formula

$$PR(U) = (1-d) + d * \sum V(PR(V)/N(V))$$

Sites with PageRank 10

- Adobe.com
- Apple.com
- Blogger.com
- Energy.gov
- FirstGov.gov
- Google.com
- Macromedia.com
- NASA.gov
- NSF.gov
- NYTimes.com
- Real.com
- StatCounter.com
- W3.org
- WebStandards.org
- Whitehouse.gov

Google Form Elements

- Query Textbox q
- Google Search Button btnG
- Feeling Lucky Button btnl

QUERY STRUCTURE FOR SEARCHING GOOGLE FOR MUSIC AND MOVIES

Music -inurl:htm -inurl:html intitle:"index of" mp3 "Artist Name"
 Movies -inurl:htm -inurl:html -inurl:php intitle:"index of" (mpg|mov|avi|wmv) "Movie Name"

Where Artist Name and Movie Name are replaced with the artist or movie you wish to find file directories for.

ADVANCED SEARCH OPERATORS

`define:phrase`
Show a list of definitions for *phrase*

`cache:www.example.com`
Google's cache of *example.com*

`link:www.example.com`
List of websites that link to *example.com*

`related:www.example.com`
List webpages similar to *www.example.com*

`info:www.example.com`
Show information that Google has about *www.example.com*

`site:www.example.com`
List all webpages hosted at *www.example.com*

`allintitle:query`
Restrict the results to those with all of the query words in the title.

`intitle:query`
Restrict the results to documents containing that word in the title.

`allinurl:query`
Restrict the results to those with all of the query words in the URL.

`inurl:query`
Restrict the results to documents containing that word in the URL.

`apple * sauce`
the words *apple* and *sauce* separated by exactly one word

`Nokia phone $100...300`
Search within a range of numbers for a *Nokia phone* between \$100...300

`safesearch: sex education`
Search for *sex education* material without returning adult sites

Special Web Searches

`http://www.google.com/unclesam`
`http://www.google.com/linux`
`http://www.google.com/bsd`
`http://www.google.com/mac`
`http://www.google.com/microsoft`
`http://www.google.com/firefox`

LARGE SERVICES AND INVESTMENTS BELONGING TO GOOGLE

Blogger	http://www.blogger.com
Froogle	http://www.froogle.com/
Gmail	http://www.gmail.com/
Hello	http://www.hello.com/
Orkut	http://www.orkut.com/
Picasa	http://picasa.google.com/
SketchUp	http://www.sketchup.com/
Writely	http://www.writely.com/
YouTube	http://www.youtube.com/

FUN GOOGLE SERVICES AND TOOLS

Mentalplex	http://www.google.com/mentalplex/
Pigeon Rank	http://www.google.com/technology/pigeonrank.html
Moonbase Google	http://www.google.com/jobs/lunar_job.html
Google Gulp	http://www.google.com/googlegulp/
Google Romance	http://www.google.com/romance/
Google Moms	http://www.google.com/moms/

OTHER GOOGLE SERVICES AND TOOLS

Google Holiday Logos	http://www.google.com/intl/en/holidaylogos.html
Google Zeitgeist	http://www.google.com/press/intl-zeitgeist.html
Google Jobs	http://www.google.com/intl/en/jobs/
Google University Se...	http://www.google.com/options/universities.html
Google Sitemaps	https://www.google.com/webmasters/sitemaps/

OFFICIAL GOOGLE BLOGS FOR SERVICES AND TOOLS

Official Google Blog	http://googleblog.blogspot.com/
Adwords API	http://adwordsapi.blogspot.com/
Blogger Buzz	http://buzz.blogger.com/
Google Base	http://googlebase.blogspot.com/
Google Code	http://code.google.com/
Google Enterprise	http://googleenterprise.blogspot.com/
Google Maps API	http://googlemapsapi.blogspot.com/
Google Reader	http://googlereader.blogspot.com/
Google Research	http://googleresearch.blogspot.com/
Google Talk	http://googletalk.blogspot.com/
Google Video	http://googlevideo.blogspot.com/
Inside AdSense	http://adsense.blogspot.com/
Inside AdWords	http://adwords.blogspot.com/

GOOGLE CALCULATOR BASIC OPERATORS

+	addition
-	subtraction
*	multiplication
/	division
%	modulus
% of	percentage of
^	raise to a power

GOOGLE CALCULATOR EXAMPLES

12*13
0x23 in decimal
40 in hexadecimal
(1+i)*(2+i)
212 F in C
1.21 gigawatts / 88 mph
the speed of light in miles / s
the speed of light in knots
two fortnights
days in a year
two plus two
au/c
m_earth
r_earth
G
1-0.9-0.1 = -2.77555756 × 10⁻¹⁷
kibibyte in bytes
kbit/s in bit/s = 1,024 bit/second
1.5 LTL in EUR
29.95USD in AUD
100 Chilean peso in Brazilian real
2 Euros per liter in British pounds
per Imperial pint
5+2*2
2^20
sqrt(-4)
half a cup in teaspoons
160 pounds * 4000 feet in Calories

SEARCH BY NUMBER

UPS tracking numbers	example search: "1Z9999W99999999999"
FedEx tracking numbers	example search: "99999999999999"
Vehicle ID (VIN) numbers	example search: "AAAAA999A9AA999999"
Telephone area codes	example search: "650"
Patent numbers	example search: "patent 5123123"
FAA airplane registration numbers	example search: "n199ua"