

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

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/

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/
Inside Desktop	http://googledesktop.blogspot.com/
Inside Sitemap	http://sitemaps.blogspot.com/

SEARCH BY NUMBER

UPS tracking numbers	example search: "1Z9999W9999999999"
FedEx tracking numbers	example search: "999999999999"
Vehicle ID (VIN) numbers	example search: "AAAAA999A9AA99999"
Telephone area codes	example search: "650"
Patent numbers	example search: "patent 5123123"
FAA airplane registration numbers	example search: "n199ua"

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
a/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