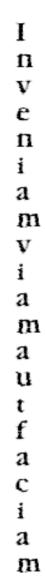
Google's Dark Side







Google Advanced Operators

- •Normal searching is easy, just Google for the word or words
- •To go deeper we need the advanced operators
- •Remember that some of these work best in certain sections only
- •Remember that some cannot be used in conjunction with others
- •A useful list is
 - •site search in domain
 - •inurl search URL
 - •intext search page text
 - •intitle search page title
 - •filetype search for file
 - •example search *inurl:security intext:linux site:co.za*
- •Many, many more http://www.googleguide.com/advanced_operators.html
- •Now on to the fun stuff...

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Directory Listings - Example

This Search >

 Web
 Images
 Groups
 News
 more »

 intitle:index.of "parent directory"
 Advanced Search

 Google Search
 I'm Feeling Lucky
 Preferences

 Search: ③ the web ○ pages from South Africa

Index of /daily mpg

[DIR] Parent Directory - [VID] 050701_c2.mpg 02-Jul-2005 08:37 405K [VID] 050701_c3.mpg 02-Jul-2005 08:40 865K [VID] 050701_eit_195.mpg 02-Jul-2005 08:49 ... lasco-www.nrl.navy.mil/daily_mpg/ - 26k - 6 Aug 2005 - Cached - Similar pages

Index of /images

[DIR] Parent Directory - [DIR] Actions/ 12-Dec-2003 14:44 - [DIR] Animation/ 18-Aug-2004 12:24 - [DIR] Balls/ 18-Aug-2004 12:24 - [DIR] Box/ 12-Dec-2003 ... www.cit.gu.edu.au/images/ - 26k - Cached - Similar pages

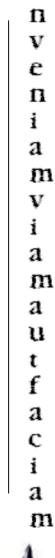
Index of /dist

[DIR] Parent Directory - [] DATE 07-Aug-2005 03:48 11 [] SOURCE 09-Sep-2004 23:30 19 [DIR] ant/ 02-Jun-2005 15:53 - [DIR] apr/ 18-Mar-2005 00:28 - [DIR] ... www.apache.org/dist/ - 5k - 6 Aug 2005 - Cached - Similar pages

Index of /pub

[DIR] Parent Directory 27-Jan-2005 10:46 - [DIR] Linux/ 06-Aug-2005 06:41 - [DIR] X11/ 26-Jan-2005 11:41 - [DIR] academic/ 06-Feb-2004 18:00 - [DIR] ... www.ibiblio.org/pub/ - 3k - 6 Aug 2005 - Cached - Similar pages

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Directory Listings - Example

Index of /daily_mpg

Name	Last modified	Size	Description
Parent Directory		121	
050701 c2.mpg	02-Jul-2005 08:37	405K	
050701 c3.mpg	02-Jul-2005 08:40	865K	
050701 eit 195.mpg	02-Jul-2005 08:49	1.3M	
050702 c2.mpg	03-Jul-2005 08:35	338K	
050702 c3.mpg	03-Jul-2005 08:38	769K	
050702 eit 195.mpg	03-Jul-2005 08:46	1.3M	
050703 c2.mpg	04-Jul-2005 08:36	380K	
050703 c3.mpg	04-Jul-2005 08:39	890K	
050703 eit 195.mpg	04-Jul-2005 08:48	1.4M	
050704 c2.mpg	05-Jul-2005 08:35	482K	
050704 c3.mpg	05-Jul-2005 08:38	929K	
050704 eit 195.mpg	05-Jul-2005 08:48	1.4M	
050705 c2.mpg	06-Jul-2005 08:37	460K	
050705 c3.mpg	06-Jul-2005 08:40	901K	
050705 eit 195.mpg	06-Jul-2005 08:50	1.3M	
050706 c2.mpg	07-Jul-2005 08:33	423K	
050706 c3.mpg	07-Jul-2005 08:36	882K	
050706 eit 195.mpg	07-Jul-2005 08:46	1.5M	
050707 c2.mpg	08-Jul-2005 08:26	414K	

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Directory Listings - More

- •intitle:index.of inurl:admin
- •intitle:index.of " server at"

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Footprinting Servers - Example

This Search >



Index of /Daemon

... [IMG] 4.jpg 02-Aug-2002 10:03 65k [IMG] 5.jpg 02-Aug-2002 10:03 80k [IMG] 6.jpg 02-Aug-2002 10:03 78k. **Microsoft IIS/5.0 Server at** tod.rutech.ru Port 80. tod.rutech.ru/Daemon/ - 2k - Cached - Similar pages

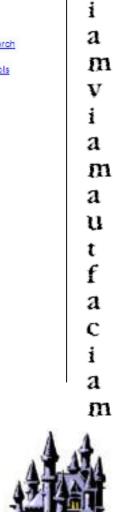
Index of /Cern Party

... 12:23 - [DIR] Cern2/ 15-Oct-2002 12:23 - [DIR] New/ 15-Oct-2002 12:23 - [DIR] Sky/ 15-Oct-2002 12:21 - Microsoft IIS/5.0 Server at tod.rutech.ru Port 80. tod.rutech.ru/Cern_Party/ - 2k - Cached - Similar pages

Index of /~miosifes

... Image6.gif 14-Sep-1999 11:31 1k [TXT] opera.html 15-Sep-1999 14:52 9k [IMG] photo.jpg 08-Nov-1999 14:32 8k. Microsoft-IIS/6.0 Server at www.csm.ro Port 80. www.csm.ro/~miosifes/ - 2k - Cached - Similar pages

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Footprinting Servers - Example

Index of /Daemon

Name	Last modified	Size Description
Parent Directory	21-Aug-2005 19:43	
1.jpg	02-Aug-2002 10:03	107k
2.jpg	02-Aug-2002 10:03	103k
3.jpg	02-Aug-2002 10:03	136k
4.jpg	02-Aug-2002 10:03	65k
5.jpg	02-Aug-2002 10:03	80k
6.jpg	02-Aug-2002 10:03	78k

Microsoft IIS/5.0 Server at tod.rutech.ru Port 80

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Footprinting Servers - More

- •"Microsoft-IIS/* server at" intitle:index.of
- •"Apache/" "server at" intitle:index.of
- •"OmniHTTPd/2.10" intitle:index.of
- •"OpenSA/1.o.4" intitle:index.of
- •"Oracle HTTP Server Powered by Apache" intitle:index.of

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Finding Out More – Mailboxes

This Search >

From ???@??? Sat Oct 19 22:37:13 2002 To: "manoj mallik" <m.manoj ...

... send a message with **subject** or body 'help' to
br> <x-tab> ... please edit your **Subject** line so it is more specific
br> than "Re: ... www.iptel.org/ietf/callsignalling/3261/000-xx.mbx - 25k - <u>Cached</u> - <u>Similar pages</u>

From ???@??? Thu Aug 17 17:31:11 2000 Return-Path: <jhealy9 ...

File Format: Unrecognized - View as HTML

Subject: FW: Add more space to the audio.straitgate.com ... Subject: at last we did it. Date: Sat. 3 Mar 2001 06:41:42 -0300. MIME-Version: 1.0 ...

www.poconos.net/concord.mbx - Similar pages

From ???@??? Thu Apr 09 20:07:42 1998 To: "Mr. J. Max" <max45@AOL ...

Thu Apr 09 20:07:42 1998 To: "Ms. Karin Koortjes" <koortjes@xs4all.nl> From: "Micheal Moore" <mike@geekweb.com> **Subject**: Your listing has been removed Hey ... www.netadvies.nl/advies/mailing.mbx - 2k - <u>Cached</u> - <u>Similar pages</u>



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Finding Out More – Mailboxes

```
To: Scott Fabian <sfabian@poconos.net>
Subject: Re: Cute FTP
References: <3.0.1.32.20000817011718.01439480@ns10.poconos.net>
    <3.0.1.32.20000817100604.01dddd70@ns10.poconos.net>
    <3.0.1.32.20000817151241.01456a80@ns10.poconos.net>
    <3.0.1.32.20000817231406.012f4100@ns10.poconos.net> <3.0.1.32.20000818005309.01bf1890@ns10.poconos.net>
Content-Type: multipart/alternative;
boundary="-----93A51BBC40E26BE1D2676115"
<x-html><!doctype html public "-//w3c//dtd html 4.0 transitional//en">
<html>
 
Scott Fabian wrote:
<blockguote TYPE=CITE>no no that is the password - was it helicopt ?<font color="#FF0000">Yes,
it defitnaly was helicopt but I think when U were broken into a few months
back U changed it to something random??????? I just looked in my PDA, the
Yorn421 is the only listing n is saya a password....... Glennnnnn</font>
At 10:46 PM 3/2/01 -0500, you wrote:
```

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Finding Out More – More

- •filetype:pst pst (contacts | address | inbox)
- •registry filetype:reg reg +intext:"internet account manager"
- •filetype:eml eml +intext:"Subject" +intext:"From"

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Finding Out More – There's More...

REGEDIT4 [HKEY CURRENT USER\Software\Microsoft\Terminal Server ...

This Search >

REGEDIT4 [HKEY_CURRENT_USER\Software\Microsoft\Terminal Server Client\t] "MRU0"="71.33.60.36" "Full Address"="71.33.60.36" ... www.staff.uni-marburg.de/~sauerwei/IP_OF_T.reg - 1k - 20 Aug 2005 - Cached - Similar pages

REGEDIT4 [-HKEY CURRENT USER\Software\Microsoft\Terminal Server ...

... "Alternate Shell"=hex: "Shell Working Directory"=hex: [HKEY_CURRENT_USER\Software\Microsoft\Terminal Server Client\t\Hotkey] "CtrlEsc"=dword:00000024.

www.staff.uni-marburg.de/~sauerwei/CREAT_IP_OF_T.reg - 2k - <u>Cached</u> - <u>Similar pages</u> [<u>More results from www.staff.uni-marburg.de</u>]

REGEDIT4 [HKEY CURRENT USER\Software\Microsoft\Terminal Server ...

REGEDIT4 [HKEY_CURRENT_USER\Software\Microsoft\Terminal Server Client\t]
"MRU0"="65.102.97.162" "Full Address"="65.102.97.162" [HKEY_CURRENT_USER\Software

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Finding Out More – There's More...

REGEDIT4

```
[HKEY_CURRENT_USER\Software\Microsoft\Terminal Server Client\t]
"MRU0"="63.230.99.101"
"Full Address"="63.230.99.101"

[HKEY_CURRENT_USER\Software\Microsoft\Terminal Server Client\Default]
"MRU0"="63.230.99.101"
```

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Finding Out More – More...

- •author:@microsoft.com
- •link:www.sensepost.com
- •inurl:tech-support inurl:show Cisco
- •intitle:"switch home page" "cisco systems" "Telnet to"
- •"Looking Glass" (inurl:"lg/" | inurl:lookingglass)
- •intitle:"Welcome to ntop!"
- •intitle:"statistics of" "advanced web statistics"
- •inurl:"smb.conf" intext:workgroup" filetype:conf
- •filetype:vsd vsd network -samples -examples

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Finding Programs - Example

This Search >

VNC desktop [eeclgen1]

129.82.106.115:5800/ - 1k - Cached - Similar pages

VNC desktop [fenice] - [Translate this page]

fenice.sp.unipi.it:5800/ - 1k - Cached - Similar pages

VNC desktop [tc-demo]

64.65.255.123:5800/ - 1k - Cached - Similar pages

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TightVNC desktop [bart]

www.TightVNC.com.

bart-glaser.no-ip.com:5800/ - 1k - Cached - Similar pages

VNC desktop [ibm5]

140.120.150.223:5800/ - 1k - Supplemental Result - Cached - Similar pages



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Finding Programs - Example

Disconnect Options Clipboard Send	Ctri-Alt-Del					
VNC Authentication						
Password:	ок					

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Finding Programs - More

- •allinurl:"exchange/logon.asp"
- •intitle:"ColdFusion Administrator Login"
- •intitle:"Tomcat Server Administration"
- •inurl:citrix/metaframexp/default/login.asp
- •inurl:"webadmin" filetype:nsf
- •inurl:/servlet/webacc Novell
- •"Login to Usermin" inurl:20000
- •intitle:"ITS System Information" "Please log on to the SAP System"
- •inurl:":10000" intext:webmin

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Finding Programs You Want - Example

 Web
 Images
 Groups
 News
 more »

 "Powered by Gallery v1.4.4"
 Advanced Search Preferences

 Google Search
 I'm Feeling Lucky
 Language Tools

 Search:
 • the web
 pages from South Africa

This Search >

BG Photo Gallery

Last changed on 04/06/05. This album contains 3 items This album has been viewed 20357 times since 07/20/04. **Powered by Gallery v1.4.4**-pl6-debian1, RSS. www.british-gymnastics.org/gallery/albums.php - 23k - <u>Cached - Similar pages</u>

Jamaica Photo Gallery :: Images from Hurricane Ivan

... 1 leftdot 2 leftdot 3 leftdot 4 leftdot 5 rightdot, Next Page · Last Page.
Gallery: Jamaica Photo Gallery navigate UP. Powered by Gallery v1.4.4, RSS ...
www.jamaicans.com/gallery/ivan - 28k - Cached - Similar pages

< Gives You This

Jamaica Photo Gallery :: Jamaica Nostalgia

... 6 leftdot 7 leftdot 8 leftdot 9 leftdot 10 rightdot, Next Page · Last Page.

Gallery: Jamaica Photo Gallery navigate UP. Powered by Gallery v1.4.4, RSS ...

www.jamaicans.com/gallery/nostalgia - 31k - Cached - Similar pages

[More results from www.jamaicans.com]

Fotomatika - Tiff Wil Pets Family Friends

This album has been viewed 707 times since 11/27/04. leftdot 1 leftdot 2 leftdot 3 rightdot, Next Page · Last Page. Powered by Gallery v1.4.4-pl4, RSS. dready.org/personal/gallery/ - 53k - Cached - Similar pages



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Finding Programs You Want - Example



cast changes on on/ou/our this album contains to items

This album has been viewed 42062 times since 07/20/04.



Photographs by discipline

Last changed on 04/06/05. This album contains 11 items

This album has been viewed 64036 times since 07/20/04.



Rhythmic Gymnastics Photographic Exhibition

An exhibition of photographs taken at the 2001 Corbeil Esson, France International Tournament. The photographs are of the British Rhythmic Gymnasts in action and their Coach. The photographs were taken by Iwona and Jarek Cieslikowscy who can be contacted at jarekc@polbox.pl

Last changed on 04/06/05. This album contains 3 items

This album has been viewed 20436 times since 07/20/04.

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Powered by Gallery v1.4.4-pl6-debian1

RSS

Network Equipment - Example

Remote UI:Top page

Remote UI Copyright CANON INC. 2000-2001 All Rights Reserved. Device Name: iR5000. Product Name: iR5000. Location: Last Updated:01/23/2005 13:29:58, Update. ... 139.102.62.93/twelcome.cgi - 10k - Supplemental Result - Cached - Similar pages

Remote UI: Top page

139.102.62.93/ - 1k - <u>Cached</u> - <u>Similar pages</u> [<u>More results from 139.102.62.93</u>]

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Remote UI:Top page

pc-werc31.nmsu.edu/ - 1k - Supplemental Result - Cached - Similar pages

Remote UI:Top page

139.102.148.88/_top.htm - 1k - Supplemental Result - Cached - Similar pages



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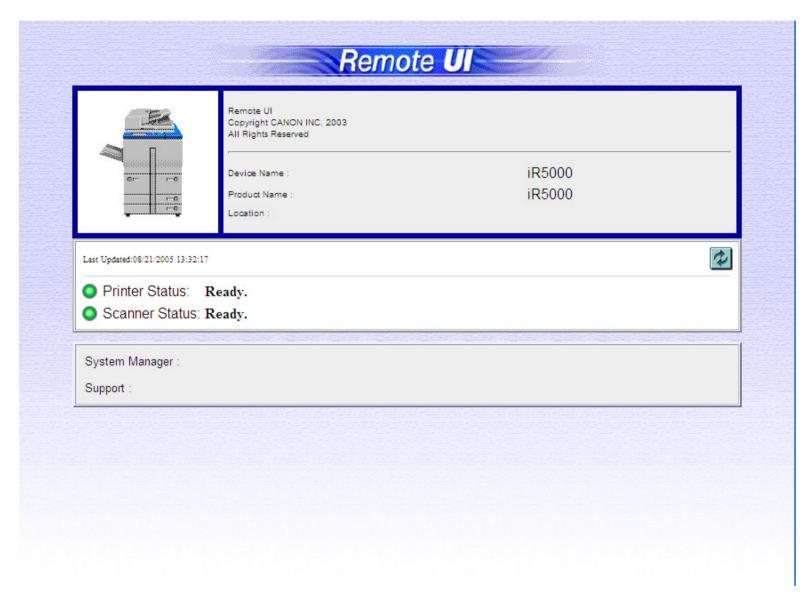
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Network Equipment - Example



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Network Equipment - More

- •inurl:indexFrame.shtml Axis
- •intitle:"Live View / AXIS"
- •intitle:"Live View / AXIS" |inurl:view/view.sht
- •intitle:"The AXIS 200 Home Page"
- •intitle:liveapplet inurl:LvAppl
- •("Fiery WebTools" inurl:index2.html) | "WebTools enable observe, , flow print jobs"
- •intitle:"network administration" inurl:"nic"
- •inurl:sts_index.cgi
- •intitle:RICOH intitle:"Network Administration"
- •intitle:"View and Configure PhaserLink"
- •inurl:live_status.html

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Who wants User Names? - Example

This Search >

Web Images Groups News more »

filetype:log username putty

Google Search I'm Feeling Lucky

Search:

the web □ pages from South Africa

PuTTY log 2003.06.18 19:42:07 =~=~=~=~=~=~=~= Event Log ...

... 00 04 72 61 70 68raph Event Log: Sent username "raph" Incoming packet type 15 / 0x0f ... PPK" Event Log: Key is of wrong type (PuTTY SSH2 private key) raph.levien.com/tmp/putty.log - 4k - Cached - Similar pages

[Fri Aug 12 13:05:02 2005 +0900] begin sync putty package=mirror ...

... 2761 1 Got putty-website-mirror/wishlist/agentfwd-ssh.com.html 1941 1 Got putty-website-mirror/wishlist/ampersat-in-username.html 1733 1 Got ... ftp.kaist.ac.kr/geoul/log/putty.log - 25k - Cached - Similar pages

11/17/04 0:06:08 Signoff: deryck ("Leaving") 11/17/04 0:28:44 ...

... to the unix **username** you want to map to 11/17/04 9:50:35 <vl> Ok, works. ... 11/17/04 11:56:58 <vl> **putty**.exe... 11/17/04 11:57:50 <metze> what is the ... samba.sernet.de/irclog/2004/11/20041117-Wed.log - 64k - Cached - Similar pages

PuTTY log 2002.09.26 14:51:25 =~=~=~=~=~=~=~= login as ...

=~=~= PuTTY log 2002.09.26 14:51:25 =~=~= login as: ctheys Sent username "ctheys" ctheys@bert.cs.uic.edu's password: Last ...

wiggins.cs.uic.edu/cs108/lectures/2002fall/cs108-20020926.log - 42k - Supplemental Result - Cached - Similar pages

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Who wants User Names? - Example

```
=~=~=~=~=~=~=~== PuTTY log 2002.09.26 14:51:25 =~=~=~=~=~=~=~=~=
login as: ctheys
Sent username "cthevs"
cthevs@bert.cs.uic.edu's password:
Last login: Thu Sep 26 08:50:03 2002 from 12-250-166-203.
Sun Microsystems Inc. SunOS 5.8
                                       Generic Patch October 2001
This machine is property of:
The University of Illinois at Chicago
Department of Computer Science (CS).
Unauthorized use is prohibited. Use is restricted to
CS coursework only!
                       * * * * NOTICE * * * *
Currently, the Sun workstations in the CS Department's Instructional
Computing Laboratory (ICL) are running the Sun Solaris 8,
this includes bert and ernie.
For more information, please read the web pages at:
http://www.cs.uic.edu/ICL
CS Computer Support
08/26/02
ctheys has logged on pts/64 from f4lcpc1.
ctheys bert Thu Sep26,14:52
[/home4/fac4/cthevs] 51>
ctheys bert Thu Sep26,15:01
[/home4/fac4/ctheys] 51>
cthevs bert Thu Sep26,15:01
[/home4/fac4/ctheys] 51> cd cs108
bob*
                     cs108-20020924.log
                                           mult.f90
bob.f90
                                           mult.f90~
                     hello/
bob.f90~
                     lab02/
                                           play/
```

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Who wants User Names? - More

- •inurl:admin inurl:userlist
- •inurl:php inurl:hlstats intext:Server Username
- •filetype:wab wab
- •filetype:reg HKEY_CURRENT_USER username
- •inurl:root.asp?acs=anon
- •filetype:rdp rdp

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What about Passwords? - Example

ifiene:iv9JRZFhuMm9s

jfiene:iy9JRZFhuMm9s

www.stanford.edu/~jfiene/journal.htpasswd - 1k - Supplemental Result - Cached - Similar pages

student:HSS6GINlt3niE

student: HSS6GINIt3niE.

distance.ktu.lt/~gycib/T120M026/ .htpasswd - 1k - Cached - Similar pages

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dave:1eAziU9yTB.16 udel:f2JnN2GXS1CXI saic:gRLfE/bakYDyQ coventor ...

dave:1eAziU9yTB.16 udel:f2JnN2GXS1CXI saic:gRLfE/bakYDyQ coventor:.4F5PcUhEK.n. arl:/wp29T4JXojEE pitt:h.Da7bCn8hcVs.

kona.ee.pitt.edu/u-photonics-syscad/uploads/jmbremoved.htpasswd - 1k - Cached - Similar pages

colibri:79A2K.6HTTpJQ

colibri:79A2K.6HTTpJQ

www.pilotlist.org/colibucheurs/neutralise.htpasswd - 1k - Supplemental Result - Cached - Similar pages



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What about Passwords? - More

- •filetype:cfm "cfapplication name" password
- •filetype:url +inurl:"ftp://" +inurl:"@"
- •filetype:pwd service
- •"# -FrontPage-" inurl:service.pwd
- •intitle:"index of" intext:index of" intext:connect.in
- •filetype:log inurl:"password.log"
- •filetype:ini ServUDaemon
- •filetype:reg intext:"internet account manager"
- •intitle:"Index of..etc" passwd
- •filetype:sql password
- •intitle:Index.of etc shadow
- •filetype:ini ws_ftp pwd
- •filetype:reg reg +intext:"defaultusername" intext:"defaultpassword"
- •filetype:pot inurl:john.pot

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What can I do?

- •GDDS Google Dork Dection System
- •Snort Custom Rules
- •Google Hack HoneyPot http://ghh.sourceforge.net/
- •Website Configuration
- Network Configuration
- •Against cached searches though, nothing
- •Why Erich? Why?

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Thank you for your attention

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http://ghh.sourceforge.net/