

**2011**

# Footprinting

**Author  
Raj Chandel**



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## **ACKNOWLEDGEMENT**

**“For any successful work, it owes to thank many”**

No one walks alone & when one is walking on the journey of life just where you start to thank those that joined you, walked beside you & helped you along the way.

Over the years, those that I have met & worked with have continuously urged me to write a book, to share me knowledge & skills on paper & to share my insights together with the secrets to my continual, positive approach to life and all that life throws at us. So at last, here it is.

So, perhaps this book & its pages will be seen as “thanks” to the tens of thousands of you who have who have helped to make my life what is today.

Hard work, knowledge, dedication & positive attitude all are necessary to do any task successfully but one ingredient which is also very important than others is co-operation & guidance of experts & experienced person.

All the words is lexicon futile & meaningless if I fail to express my sense of regard to my parents & sister for their sacrifices, blessings, prayers, everlasting love & pain & belief in me.

I also want to thanks my friend **Ankit, Ankur & Sonal** for their support.

I solely claim all the responsibility for any shortcomings & limitations in this book.

## Legal Disclaimer

The information provided in this eBook is to be used for educational purposes only. The author holds no responsibility for any misuse of the information provided. This book is totally meant for providing information on "Footprinting",

## About the Author

Raj Chandel started his career at a very young age of 18 since then he has performed the roles of experienced Ethical Hacker, Cyber Security Expert, and Penetration Tester. He has also served IT industry by taking care of Network Security, System Security, and SEM with a firsthand experience of 3 years in Web Development, Ethical Hacking and Internet marketing.

Contact me: [raj@hackingarticles.in](mailto:raj@hackingarticles.in)

[www.hackingarticles.in](http://www.hackingarticles.in)

[www.hackingtutorial.net](http://www.hackingtutorial.net)

# Footprinting

**Footprinting** is the technique of gathering information about computer systems and the entities they belong to. This is done by employing various computer security techniques, as:

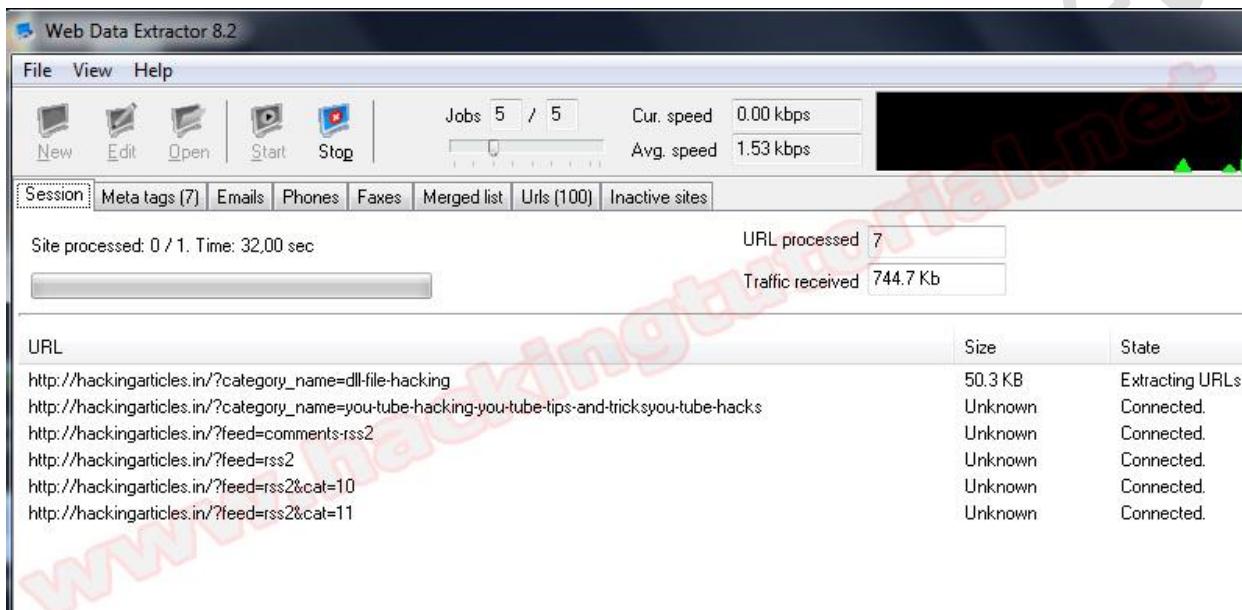
- DNS queries
- Network enumeration
- Network queries
- Operating system identification
- Organizational queries
- Ping sweeps
- Point of contact queries
- Port Scanning
- Registrar queries (WHOIS queries)
- SNMP queries
- World Wide Web spidering

## Footprinting Methodology

<b>Collect Network Information</b>	Domain Name Internal Domain Name Network Blocks IP Address of the reachable system Rogue Website/Private Website TCP and UDP Services Running	Networking Protocol VPN Points ACLs IDSes Running Analog/Digital Tel. Numbers Authentication mechanisms
<b>Collect System Information</b>	Users and Groups names System Banners Routing Banners SNMP Information	System architecture Remote System Type System Names Passwords
<b>Collect Organization's Information</b>	Employee Details Organization's Website Company Directory	Addresses and Phone Numbers Background on the organization News articles/Press releases

## Tools of Extract Data (Extract Information from Web Page)

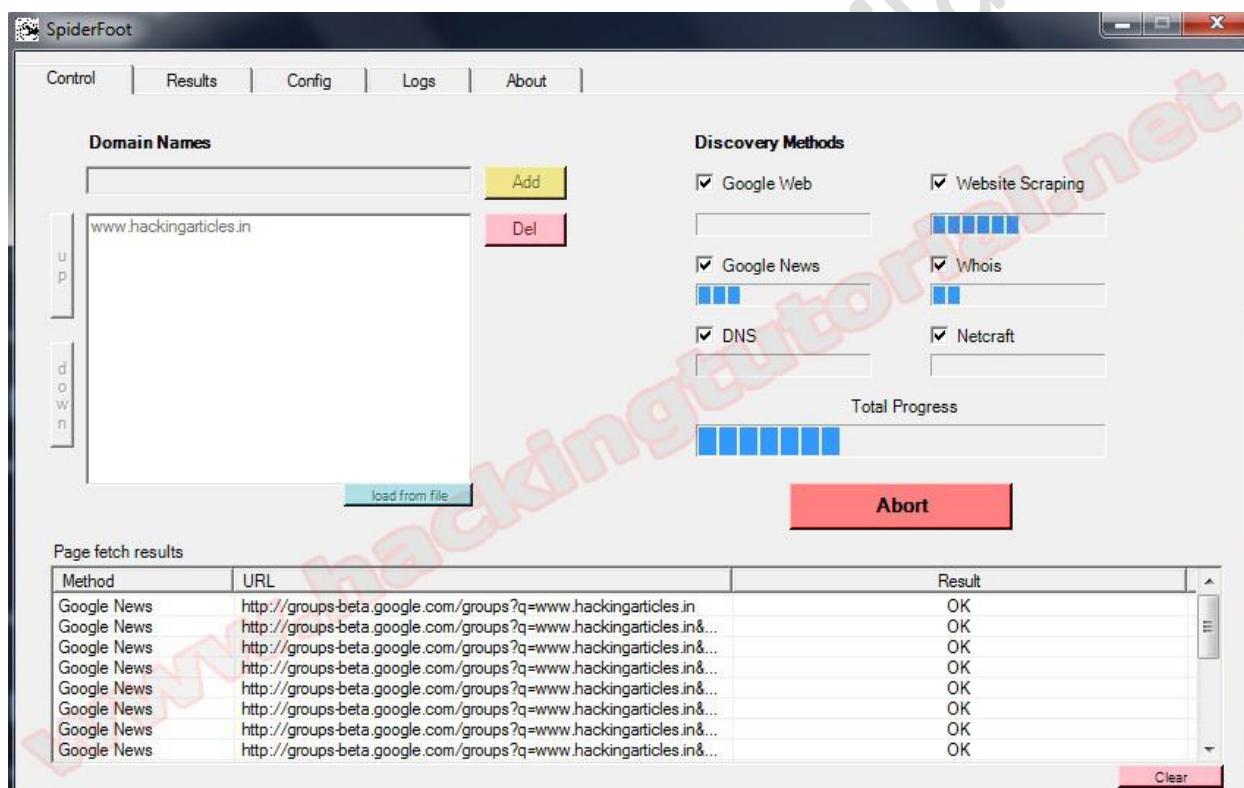
**Web Data Extractor:** Web Data Extractor, a powerful and easy-to-use application which helps you automatically extract specific information from web pages.



[www.webextractor.com](http://www.webextractor.com)

**Spider Foot:** Spider Foot is a free, open-source, domain footprinting tool. Given one or multiple domain names (and when I say domains, I'm referring to the DNS kind, not Windows domains), it will scrape the websites on that domain, as well as search Google, Netcraft, Whois and DNS to build up information like:

- Sub domains
- Affiliates
- Web server versions
- Users
- Similar domains
- Email addresses
- Net blocks



[www.binarypool.com](http://www.binarypool.com)

**Robtex:** RobTex is a software developer which was founded in 1989 developing all kinds of software. In recent years main focus has been on Internet related software. Currently the most popular has been free tools like rbts.org and network explorer.

## Swiss Army Knife Internet Tool

In the searchbox above you can search for:

[DNS](#) checks detailed dns information for a hostname

[IP-number](#) checks ip number information such as dns reverse and forwards

[C-net](#) checks an entire c-network

[whois lookup](#) checks whois information for a domain

[route](#) checks a specific routed prefix

[AS numbers](#) checks information on an AS-number

[BGP announcements](#) checks prefixes originated from a specific AS-number

[AS macros](#) checks who belongs to an AS-macro

[RFC documents](#) Request For Comments

[DMOZ](#)

[add engine to browser](#)

[robtex bookmarklet](#) (drag this to your bookmark bar)

[Add to iGoogle](#)

[Add to google search results](#)

[robtex blog](#)

**www.hackingtutorial.net**

[www.robtex.com](http://www.robtex.com)

## People Search Online Services

### Pipl People Find

**pipl**

The most comprehensive people search on the web

Name [Email](#) [Username](#) [Phone](#) BETA [Business](#)

First Name Last Name City State Country

[www.hackingtutorial.net](http://www.hackingtutorial.net)

[www.pipl.com](http://www.pipl.com)

### Yahoo People Search

**YAHOO!® PEOPLE SEARCH**

#### U.S. Phone & Address

First Name/Initial:  Last Name: (required)

City/Town:  State:

#### Reverse Phone #

Phone Number:   
Ex: 408-555-1212

#### Email Search

First Name/Initial:   
Last Name: (required)

[People.yahoo.com](http://People.yahoo.com)

## Profile Search by Email



Profile Search by Email (ex. name@hotmail.com), First Last Name or Username

Lullar Com Search

[www.lullar.com](http://www.lullar.com)

## People Lookup

**People Lookup**

Search By:	First Name	MI	Last Name
Name	<input type="text"/>	<input type="text"/>	<input type="text"/>
Phone	State		
Public Records	All States	<input type="button" value="Search"/>	
Address			
Advanced	Already have a phone number? Find name and address.		

[www.hackingtutorial.net](http://www.hackingtutorial.net)

[www.peoplelookup.com](http://www.peoplelookup.com)

## 123 People Search



[www.123peoplesearch.com](http://www.123peoplesearch.com)

## Public People Finder

The screenshot shows the Public People Finder website. At the top left is the "Public People Finder" logo and the URL "www.PublicPeopleFinder.com". To the right is a navigation menu with links: People Finder, Public Records, Background Check, Telephone, Criminal, and Contact us. Below the menu is a sub-navigation menu with links: Criminal Check, About, Feedback, All products, and Site Map. A breadcrumb trail "You are at: Home / People Finder /" is shown. On the right side, the text "www.hackingtutorial.net" is displayed in red. At the bottom is a search form with fields for "First Name" and "Last Name", and a "Start Search" button.

[www.publicpeoplefinder.com](http://www.publicpeoplefinder.com)

## Footprinting through Search Engine

### Google

Google search results for "rajchandar".

Showing results for [raj chandar](#). Search instead for [rajchandar](#).

**Raj Chandel - Google Profile**

<https://plus.google.com/117610625427215719019>  
Hacking, Networking,SEM,SEO,Website Designing  
"Ethical Hacker"  
Raj Chandel started his career at a very young age of 18 since then he ...  
Hacking Blog - Facebook - You Tube

[in.linkedin.com/pub/raj-chandel/18/786/889](https://in.linkedin.com/pub/raj-chandel/18/786/889)  
Noida Area, India - SEO at Packet Shaper Tachnology  
View [raj chandar's](#) (India) professional profile on LinkedIn. LinkedIn is the ...

**New Okhla Industrial**

[www.google.com](http://www.google.com)

### Yahoo

YAHOO! INDIA

Web Images News Local More ▾

Search:  **Search** Options ▾

SafeSearch - On

24,000 results for [raj chandar](#):

- Show All
- LinkedIn
- Facebook
- Flipkart.com

Search:  the Web  pages from India

**Raj Chandel | Facebook**   
Raj Chandel is on Facebook. Join Facebook to connect with Raj Chandel and others you may know. Facebook gives people the power to share and makes the world more open and ...  
[www.facebook.com/people/Raj-Chandel/100000287487742](https://www.facebook.com/people/Raj-Chandel/100000287487742) - [Cached](#)

**Raj Chandel | LinkedIn**   
Raj Chandel. Ethical Hacker Location: New Delhi Area, India Industry Computer Software  
[www.linkedin.com/pub/raj-chandel/17/787/a81](https://www.linkedin.com/pub/raj-chandel/17/787/a81) - [Cached](#)

**Raj Chandel | LinkedIn**   
Raj Chandel. IT Operation and Sevice Desk at Fujitsu Location Sydney Area, Australia Industry Information Technology and Services  
[www.linkedin.com/pub/raj-chandel/8/5b7/324](https://www.linkedin.com/pub/raj-chandel/8/5b7/324) - [Cached](#)

Sponsored Results

**Shaadi.com - Raj Matrimony**  
1000S of Profiles with Photos.  
Register, Search & Contact now.  
[www.shaadi.com](http://www.shaadi.com)

**Latest N-e-W-S**  
From Anna to Congress. From Dhoni to Sensex. Catch all that's in News.  
[www.india.com](http://www.india.com)

[See your message here...](#)

[www.yahoo.com](http://www.yahoo.com)

## Bing

A screenshot of the Bing search results page for the query "+raj chandel". The search bar at the top contains the query. Below it, there are two main search results:

- Shaadi.com - Raj Matrimony** - www.shaadi.com  
1000S of Profiles with Photos. Register, Search & Contact now.
- What's Breaking Today?** - www.india.com  
Catch up with the latest news of Politics, Cric, Cars, B-town, more!

On the left side of the results, there are filtering options: "NARROW BY REGION" and "Only from India". On the right, there are links for "ALL RESULTS", "1-10 of 23,600 results", "Advanced", "Safe Search Strict", and "Ads". A large green arrow points from the bottom left towards the Shaadi.com result.

**Raj Chandel | Facebook**   
Raj Chandel is on Facebook. Join Facebook to connect with Raj Chandel and others you may know. Facebook gives people the power to share and makes the world more open and connected.  
[www.facebook.com/people/Raj-Chandel/100000287487742](http://www.facebook.com/people/Raj-Chandel/100000287487742)

**Raj Chandel | LinkedIn**   
Ethical Hacking, Networking, SEO, SEM, Website... - Computer Software · 35 connections  
Raj Chandel. Ethical Hacker Location New Delhi Area, India Industry Computer Software  
[www.linkedin.com/pub/raj-chandel/17/787/a81](http://www.linkedin.com/pub/raj-chandel/17/787/a81)

[www.bing.com](http://www.bing.com)

## ASK

A screenshot of the Ask search interface. At the top left is the Ask logo. To its right is a search bar with a cursor inside. On the far right of the search bar is a blue "Ask" button. In the top right corner of the page, there is a small decorative element with the text "Peel Me!" and some colorful graphics.

[www.ask.com](http://www.ask.com)

## People Search on Social Networking Sites

### Orkut



**Just like real life**  
Share with all or separated groups of friends, controlling who sees what. Connect with your best friend, your boss and your grandma with confidence.

**Get the conversation started**  
Chat, comment and talk with each group of your friends for a conversation you control.

**Have fun!**  
Easily share photos, videos and news. Join communities to discuss topics of your interest.

[www.hackingtutorial.net](http://www.hackingtutorial.net)

[www.orkut.com](http://www.orkut.com)

**Sign in with your  
Google Account**

Email:  ex: pat@example.com

Password:

Stay signed in

[Can't access your account?](#)

[Create an account »](#)

### Facebook



**Facebook helps you connect and share with the people in your life.**



[www.hackingtutorial.net](http://www.hackingtutorial.net)

[www.facebook.com](http://www.facebook.com)

### Sign Up

It's free and always will be.

First Name:

Last Name:

Your Email:

Re-enter Email:

New Password:

I am: Select Sex:

Birthday: Month:  Day:  Year:

[Why do I need to provide my birthday?](#)

## Twitter

The screenshot shows the Twitter homepage. At the top right is the login form with fields for 'Username' and 'Password', a 'Sign in' button, and checkboxes for 'Remember me' and 'Forgot it?'. Below the login form is a section titled 'New to Twitter? Join today!' with fields for 'Full name', 'Email', and 'Password', followed by a 'Sign up' button. In the center, there's a large banner with the text 'Follow your interests' and 'Instant updates from your friends, industry experts, favorite celebrities, and what's happening around the world.' A search bar at the bottom left contains the placeholder 'Search Twitter'.

[www.twitter.com](http://www.twitter.com)

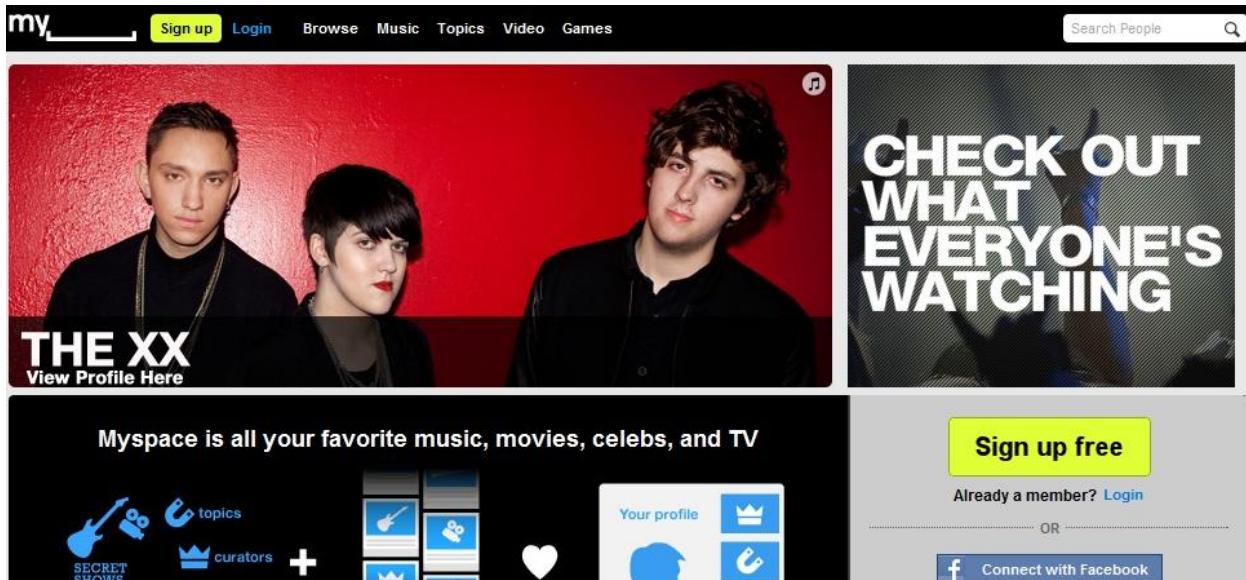
## LinkedIn

The screenshot shows the LinkedIn homepage. At the top right is the login form with fields for 'Email' and 'Password', and a 'Sign In' button. Below the login form is a large blue banner with the text 'Over 120 million professionals use LinkedIn to exchange information, ideas and opportunities'. Underneath this banner are three icons: a person icon with the text 'Stay informed about your contacts and industry', a lightbulb icon with the text 'Find the people & knowledge you need to achieve your goals', and a briefcase icon with the text 'Control your professional identity online'. To the right of these icons is a 'Join LinkedIn Today' sign-up form with fields for 'First Name', 'Last Name', 'Email', and 'Password'. It also includes a note '6 or more characters' and a 'Join Now \*' button. Below the sign-up form is a link 'Already on LinkedIn? Sign in.'

[www.hackingtutorial.net](http://www.hackingtutorial.net)

[www.linkedin.com](http://www.linkedin.com)

## MySpace



[www.myspace.com](http://www.myspace.com)

## Gather Information from Financial Services

### Google Finance

[Google finance](http://www.google.com/finance)

**Market summary**

**HP to 'Reinvent' Company With Return to Roots**  
Bloomberg - 1 hour ago  
By Dina Bass - Fri Aug 19 04:01:00 GMT 2011 A shopper walks past a display of Hewlett-Packard Co. TouchPads in a Best Buy store in East Palo Alto, California, US, on Thursday, Aug. 18, 2011.

**In nod to IBM, HP overhauls minimizes consumers** Sioux City Journal  
[CNET](#) [Tapscape](#) [Related articles »](#)

**Recent quotes**  
You have no recent quotes

**10am 11 12 1 2 3 4pm**

**Dow Jones** 10,990.58 -419.63 (-3.68%)  
**S&P 500** 1,140.65 -53.24 (-4.46%)  
**Nasdaq** 2,380.43 -131.05 (-5.22%)

<http://www.google.com/finance>

### Yahoo Finance

[YAHOO! FINANCE](http://in.finance.yahoo.com)

**HOME INVESTING NEWS PERSONAL FINANCE MY PORTFOLIOS EXCLUSIVES**

**GET QUOTES** Finance Search

Fri, Aug 19, 2011, 2:24AM EDT - U.S. Markets open in 7 hrs 6 mins

Find the latest currency exchange rates on Y! Finance!

**MARKET SUMMARY**

	US	EUROPE	ASIA
Dow	10,990.58	-419.63	-3.68%
Dow	Aug 18, 3:50pm EDT		
Nasdaq	2,380.43	-131.05	-5.22%
S&P 500	1,140.65	0.00	0.00%
10 Yr Bond(%)	2.0830%	0.0000	
Oil	80.57	-1.81	-2.20%
Gold	1,844.90	+26.00	+1.43%

[» View more indices](#) [Customize summary](#)

[» View more bonds](#)

Thu 4:30pm ET - Briefing.com  
The major market averages dropped

**TOP STORIES**

**In nod to IBM, HP overhauls minimizes consumers** - AP  
Hewlett-Packard Co. is surrendering in smartphones and tablet computers and has put its personal computer division up for sale, as new CEO Leo Apotheker tries to transform the Silicon Valley stalwart into a twin of East Coast rival IBM Corp.

- Reports: Bank of America to ax 10,000 or more jobs - AP
- Asian stocks sink on fresh fears of US recession - AP
- Oil near \$81 as traders eye slowing global economy - AP
- Striking Verizon workers protest at CEO's NJ home - AP
- Palm largely dead as HP shuts phone, tablet unit - AP
- HP to pay \$10B for Autonomy as it exits mobile - AP
- Liberty drops Barnes & Noble bid, to invest \$204M - AP
- European bank stocks hurt by borrowing crunch - AP
- Is the Fed to blame for low consumer sentiment? - CNBC

[» View more top stories](#)

**FOCUS ON LIFELONG INVESTING** brought to you by Fidelity

**Shedding Light on the State of**

**Karan P** iFOREX My initial investment had risen to nearly \$1218 in just 3 months!  
(Traded between Dec 13th – Mar 10th)  
 3 people like this

**Freida K** I wish I had discovered the currency market years ago  
 2 people like this

**Naresh M** I'm checking the news, looking for a story on my next trade  
 5 people like this

**Click Here to Find Out How People from All Over the World are Benefiting from the Market!**

**VIDEOS**

**What are the Factors Causing the Market Volatility, Selloff?**

**Play Video**  

Provided by: 

<http://in.finance.yahoo.com>

## Monitoring Target using Alert

**Giga Alert:** The web's leading solution for monitoring your professional interests online. Track the entire web for your topics and receive new results by daily email.



Generate Leads. Monitor Competitors. Safeguard Your Reputation.



Track your interests on the Web.

[Sign Up ▶](#)    [Log In ▶](#)

The web's leading solution for monitoring your professional interests online. Track the entire web for your topics and receive new results by daily email.

[www.hackingtutorial.net](http://www.hackingtutorial.net)

[www.gigaalert.com](http://www.gigaalert.com)

**Google Alert:** Google Alerts are email updates of the latest relevant Google results (web, news, etc.) based on your choice of query or topic.

Type: Everything

How often: Once a day

Volume: Only the best results

Your email:

**CREATE ALERT**

**Monitor the Web for interest**

Google Alerts are email updates of the latest relevant Google results (web, news, etc.) based on your choice of query or topic.

Enter the topic you wish to monitor. Google Alerts is a handy way to keep up with the latest developments in your field. Some of the many ways you can use Google Alerts include:

- monitoring a developing story
- keeping current on a company or product
- getting the latest on a competitor
- keeping tabs on your favorite hobby or interest

<http://www.google.com/alerts>

## People Search on JOB Search Sites

### Naukri

Login to view recommended jobs for you

Recruiters from USA, call Toll Free # 866-557-3340

**naukri.com** India's No.1 Job Site

ITIS Hiring in Hyderabad **STOLEN!** Walkin @ Bangalore System SW Jobs

Search Jobs Post Resume Jobseeker Login FastForward New Learning Mobile More Employer's Zone Buy Online

Search All Jobs Rs. 15 Lakhs+ Jobs PSU/Government Jobs New Fraud Alert!

Keywords Location

Type your Skills, Designation etc. Type City name where you want to work

Job Category Exp. Salary Expectation

Selected Exp. Min Max Search In Lakhs per Annum

Government Jobs | IT Jobs | BPO Jobs | Sales Jobs | Finance Jobs | Marketing Jobs | Engineering Jobs | More...  
Jobs in Delhi | Jobs in Mumbai | Jobs in Bangalore | Jobs in Hyderabad | Jobs in Pune | Jobs in Chennai | More...

New to Naukri?

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- Get relevant jobs in your inbox
- Privacy features ensure confidential job search

Become a member

Login with  Email ID  Username  
Email Id:  Forgot Login Details?  
Password:  Login

**Top Employers**

ERICSSON IS HIRING LTE / 3G RESOURCES  
Hiring .NET 3.5 / 4.0 Champs  
Apply Now!  
Join the leader

**Best Places to Work**

All Sectors | Information Technology | Manufacturing | Services

Information Tech.	ProKarma New Pyxis Systems Q3 Technologies Quickstart Global Rawabit Technology Limited Robert Bosch	Cipla Claris Lifesciences Limited Hilleman Laboratories INTAS Pharma Jubilant Life Sciences Ltd. Lupin Limited
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**Naukri FastForward**

Resume Writing  
Get a professional resume written by experts  
Resume Spotlight  
Increase your resume views by 2-3 times

Like 26497 likes. Sign Up to see what your friends like.

[www.naukri.com](http://www.naukri.com)

### Monster

monster Right Jobs. Right Candidates.

Security Center

**Employers** [Login here](#)  
Looking to Hire?  
Post Jobs | Search Resumes | Buy Online  
Contact Us »

**Job Seekers** [Login here](#)  
Double your chances of getting the right job  
Submit Resume  
New User? Register here

**Browse Jobs**  
Companies  
Placement Consultants  
International Jobs

Powered by MagicSearch  
Job Search Keyword Exp (yrs) Location Search  
Tips | Advanced Search

ERICSSON IS HIRING LTE / 3G RESOURCES  
FOR MORE DETAILS CLICK HERE >

Employers of Choice Employer Video Profiles

TATA CONSULTANCY ERICSSON PHILIPS L&T Infotech

Get Smart. Get Ahead. Monster now on Mobile  
More »

monster EMPLOYMENT INDEX Monster Employment Index Exhibits Marginal Growth, moves up 1 point betn June & July

[www.monster.com](http://www.monster.com)

## JobsDB

The screenshot shows the JobsDB.com homepage. At the top, there's a navigation bar with links for Home, Find Jobs, Post Resumes, Job Alerts, MyJobsDB, Resources, and Employer. On the right side of the header, there are 'Job Seeker Login' and 'Employer Login' buttons. Below the header, there's a search bar with fields for 'Keywords', 'Position', and 'All Job Functions', followed by a 'SEARCH NOW' button. To the right of the search bar, it says 'Over 146,900 jobs in JobsDB.com'. Below the search bar, there's a 'Create Job Alert' button with an '@' icon and a 'GO' button. To the left, there's a 'TOP AGENCIES' section featuring logos for GMAC FINANCIAL SERVICES, BLUE STAR, TNT, Amara Raja, VGN, and TP. The main content area is titled 'Jobs By: FUNCTION' and lists various job categories under 'All Level', 'Top Level', 'Senior Level', 'Middle Level', and 'Entry Level'. Some categories include Accounting, Banking / Finance, Building & Construction, Design, Education, Engineering, Hospitality / F & B, Information Technology (I.T.), Manufacturing, Marketing / Public Relations, Merchandising & Purchasing, Sales, CS & Business Devpt, Telecomm, and Others. On the right side of the page, there are sections for 'WHAT'S NEW' (with a thumbnail of two people working at a computer) and 'CAREER MANAGEMENT' (with a link to 'Be a Competent HR Professional'). At the bottom right, there's contact information: 'Posting Enquiry T (44) 42273000 E CS@JobsDB.co.in' and a 'REGISTER NOW' button.

[www.jobsdb.com](http://www.jobsdb.com)

Shine	<a href="http://www.shine.com">www.shine.com</a>
Freshers_World	<a href="http://www.fresherworld.com">www.fresherworld.com</a>
Times Jobs	<a href="http://www.timesjobs.com">www.timesjobs.com</a>
Shiksha	<a href="http://www.shiksha.com">www.shiksha.com</a>

## Competitive Intelligence

A broad definition of **competitive intelligence** is the action of defining, gathering, analyzing, and distributing intelligence about products, customers, competitors and any aspect of the environment needed to support executives and managers in making strategic decisions for an organization.

Key points of this definition:

- Competitive intelligence is an ethical and legal business practice, as opposed to industrial espionage which is illegal.
- The focus is on the external business environment.
- There is a process involved in gathering information, converting it into intelligence and then utilizing this in business decision making. CI professionals erroneously emphasize that if the intelligence gathered is not usable (or actionable) then it is not intelligence.

<b>ABI/Inform `Global</b>	<a href="http://www.proquest.com">www.proquest.com</a>
<b>Factiva</b>	<a href="http://www.factiva.com">www.factiva.com</a>
<b>Business Wire</b>	<a href="http://www.businesswire.com">www.businesswire.com</a>
<b>Market Watch</b>	<a href="http://www.marketwatch.com">www.marketwatch.com</a>
<b>Websitez</b>	<a href="http://www.websitez.com">www.websitez.com</a>

## Competitive Intelligence Tools

<b>SEC Info</b>	<a href="http://www.secinfo.com">www.secinfo.com</a>
<b>Business Wire</b>	<a href="http://www.businesswire.com">www.businesswire.com</a>
<b>C-SPAN</b>	<a href="http://www.cspan.org">www.cspan.org</a>
<b>CNN Money Company Research</b>	<a href="http://www.money.cnn.com">www.money.cnn.com</a>
<b>Web Investigator</b>	<a href="http://www.web-investigator.net">www.web-investigator.net</a>

## Competitive Intelligence Consulting Companies

### Carratu

the only investigations company with a team dedicated entirely to the pharmaceutical world

CORPORATE INVESTIGATIONS
PHARMACEUTICAL INVESTIGATIONS
INTELLECTUAL PROPERTY PROTECTION SERVICES™
IT FORENSICS & E-CRIME

HOME EVENTS EMPLOYMENT CONTACT SERVICE DIRECTORY CALL 0845 388 5579 EMAIL

#### Welcome to Carratu

Established in 1963, Carratu is one of the premier providers of risk mitigation and corporate investigation services.

Our highly professional investigators are experienced in the latest investigational practice, covering law, intelligence gathering, interviewing, security, and finance.

We have established, over many years, a reputation for delivering high quality results in a discreet and timely fashion. Without exception, all our investigations are dealt with in the strictest confidence and we are proud of our heritage and web&cd=1&ved=0CBoQFjAA&url=http%3A...

#### News

##### Current News

[speaker?](#)  
LJ Rich examines high-end audio and discovers whether it is possible to recreate the sound of an orchestra in your living room.  
Publ.Date : Mon, 15 Aug 2011 14:24:35 GMT

[Forgotten trend](#)  
Who still listens to podcasts?  
Publ.Date : Sat, 23 Jul 2011 07:59:09 GMT

[Internet ready](#)  
Could the internet help developing world workers out of poverty?  
Publ.Date : Thu, 18 Aug 2011 23:03:45 GMT

[Let's get digital](#)  
Mixed feelings as Ghana races towards

#### Carratu News

##### International Criminal Court seminar - July

Carratu held a digital evidence handling and recovery seminar at the International criminal court in the Hague in July....

[Click here to see pictures of the event...](#)

##### Client Race day - July

Carratu hosted a client karting event ....

[Click here to see pictures of the event...](#)

[www.carratu.com](http://www.carratu.com)

### Data Monitor

**DATAMONITOR** the home of Business Information

Search for  in the Research Store

**UTILITIES**  
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Director, Market & Business Intelligence  
Cisco Systems Inc.

[www.globalintelligence.com](http://www.globalintelligence.com)

## WHOis

**Whois:** Whois is a **protocol used to find information about networks, domains and hosts.** WHOIS databases for domain registration information. By performing a simple WHOIS search you can discover when and by whom a domain was registered, contact information, and more.

## Whois Lookup Tools

You Get Signal	<a href="http://www.yougetsignal.com">www.yougetsignal.com</a>
MY IP Suite	<a href="http://www.sabsoft.com">www.sabsoft.com</a>
Lan Whois	<a href="http://www.lantricks.com">www.lantricks.com</a>
DNS DataView	<a href="http://www.nirsoft.net">www.nirsoft.net</a>
Lapshins Whois	<a href="http://www.lapshins.com">www.lapshins.com</a>
Domain Hosting View	<a href="http://www.nirsoft.net">www.nirsoft.net</a>
Web Ferret	<a href="http://www.webferret.com">www.webferret.com</a>

## Whois Lookup Online Tools

Whois	<a href="http://www.whois.net">www.whois.net</a>
Better Whois	<a href="http://www.betterwhois.com">www.betterwhois.com</a>
Domain_Tools	<a href="http://www.domaintools.com">www.domaintools.com</a>
IP_Tools	<a href="http://www.ip-tools.com">www.ip-tools.com</a>

## Find Website Details using Command Prompt

nslookup is a network administration command-line tool available for many computer operating systems for querying the Domain Name System (DNS) to obtain domain name or IP address mapping or for any other specific DNS record.

### Find MX Record

**nslookup -type=mx [www.example.com](http://www.example.com)**

```
c:\ Select C:\WINDOWS\system32\cmd.exe
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings\RAAZ>nslookup -type=mx hackingarticles.in
*** Can't find server name for address 192.168.1.1: Non-existent domain
*** Default servers are not available
Server: Unknown
Address: 192.168.1.1

Non-authoritative answer:
hackingarticles.in      MX preference = 20, mail exchanger = alt1.aspmx.l.google
.com
hackingarticles.in      MX preference = 30, mail exchanger = aspmx2.googlemail.c
om
hackingarticles.in      MX preference = 10, mail exchanger = aspmx.l.google.com

C:\Documents and Settings\RAAZ>
```

### Find NS Record

**nslookup -type=ns [www.example.com](http://www.example.com)**

```
c:\ Select C:\WINDOWS\system32\cmd.exe
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings\RAAZ>nslookup -type=ns hackingarticles.in
*** Can't find server name for address 192.168.1.1: Non-existent domain
*** Default servers are not available
Server: Unknown
Address: 192.168.1.1

Non-authoritative answer:
hackingarticles.in      nameserver = dns2.rightdns.com
hackingarticles.in      nameserver = dns1.rightdns.com
hackingarticles.in      nameserver = dns11.rightdns.com
hackingarticles.in      nameserver = dns12.rightdns.com

C:\Documents and Settings\RAAZ>
```

## Find SOA Record

nslookup -type=soa [www.example.com](http://www.example.com)

```
c:\ Select C:\WINDOWS\system32\cmd.exe
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings\RAAZ>nslookup -type=soa hackingtutorial.net
*** Can't find server name for address 192.168.1.1: Non-existent domain
*** Default servers are not available
Server: Unknown
Address: 192.168.1.1

Non-authoritative answer:
hackingtutorial.net
    primary name server = rajchandell.mars.orderbox-dns.com
    responsible mail addr = raj.hackingarticles.in
    serial = 2011041702
    refresh = 7200 <2 hours>
    retry = 7200 <2 hours>
    expire = 172800 <2 days>
    default TTL = 7200 <2 hours>

C:\Documents and Settings\RAAZ>
```

## Find A Record

nslookup -type=a [www.example.com](http://www.example.com)

```
c:\ Select C:\WINDOWS\system32\cmd.exe
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings\RAAZ>nslookup -type=a hackingarticles.in
*** Can't find server name for address 192.168.1.1: Non-existent domain
*** Default servers are not available
Server: Unknown
Address: 192.168.1.1

Non-authoritative answer:
Name:   hackingarticles.in
Address: 72.52.186.88 ← A Record

C:\Documents and Settings\RAAZ>
```

## Extracting DNS Information

Code	Number	Defining RFC	Description	Function
A	1	RFC 1035	address record	Returns a 32-bit IPv4 address, most commonly used to map hostnames to an IP address of the host, but also used for DNSBLs, storing subnet masks in RFC 1101, etc.
AAAA	28	RFC 3596	IPv6 address record	Returns a 128-bit IPv6 address, most commonly used to map hostnames to an IP address of the host.
APL	42	RFC 3123	Address Prefix List	Specify lists of address ranges, e.g. in CIDR format, for various address families. Experimental.
CNAME	5	RFC 1035	Canonical name record	Alias of one name to another: the DNS lookup will continue by retrying the lookup with the new name.
MX	15	RFC 1035	mail exchange record	Maps a domain name to a list of message transfer agents for that domain
NS	2	RFC 1035	name server record	Delegates a DNS zone to use the given authoritative name servers
SOA	6	RFC 1035	start of authority record	Specifies <i>authoritative</i> information about a DNS zone, including the primary name server, the email of the domain administrator, the domain serial number, and several timers relating to refreshing the zone.
TXT	16	RFC 1035	Text record	Originally for arbitrary human-readable <i>text</i> in a DNS record. Since the early 1990s, however, this record
SRV	33	RFC 2782	Service locator	Generalized service location record, used for newer protocols instead of creating protocol-specific records such as MX.

## DNS Stuff

The screenshot shows the DNSstuff homepage. At the top, there's a navigation bar with 'Home', 'Toolbox', and 'Buy Now'. Below the header, there are three main tool boxes: 'WHOIS Lookup' (Get contact info for a domain/ip), 'Traceroute' (Shows network route to host), and 'IP Information' (Shows info about an IP). Each tool box has an input field and a 'Submit' button. A watermark 'www.hackingtutorial.net' is overlaid across the page.

[www.dnsstuff.com](http://www.dnsstuff.com)

## Network Tools

The screenshot shows the Network-Tools.com homepage. At the top, there's a banner for 'GFI WebMonitor' with the subtext 'Web Security, Web Monitoring & Internet Access Control'. Below the banner, there's a message encouraging users to save typing by visiting NWTools.com. The main content area lists several network tools: Ping, Lookup, Trace, Whois (IDN Conversion Tool), Express, DNS Records (Advanced Tool), Network Lookup, Spam Blacklist Check, URL Decode, URL Encode, HTTP Headers (SSL), and Email Verification. A watermark 'www.hackingtutorial.net' is overlaid across the page.

[www.network-tools.com](http://www.network-tools.com)

## IP Tools

<b>&gt; Ping</b> Enter an IP or host address <input type="text"/> <input type="button" value="Go"/>	<b>&gt; Domain Info</b> Shows information about a domain <input type="text"/> <input type="button" value="Go"/>
<b>&gt; IP to Country</b> Shows country of origin <input type="text"/> <input type="button" value="Go"/>	<b>&gt; CIDR</b> Calculate CIDR ranges <input type="text"/> <input type="button" value="Go"/>
<b>&gt; Traceroute</b> Traces route packets to this host <input type="text"/> <input type="button" value="Go"/>	<b>&gt; DNS Lookup</b> Look up DNS record(s) (ex. A, MX, NS) <input type="text"/> A <input type="button" value="Go"/>
<b>&gt; Spam DB Lookup</b> Check against spammer databases. <input type="text"/> <input type="button" value="Check"/>	<b>&gt; Whois Lookup(Domain)</b> Contact info for a domain <input type="text"/> <input type="button" value="Go"/>

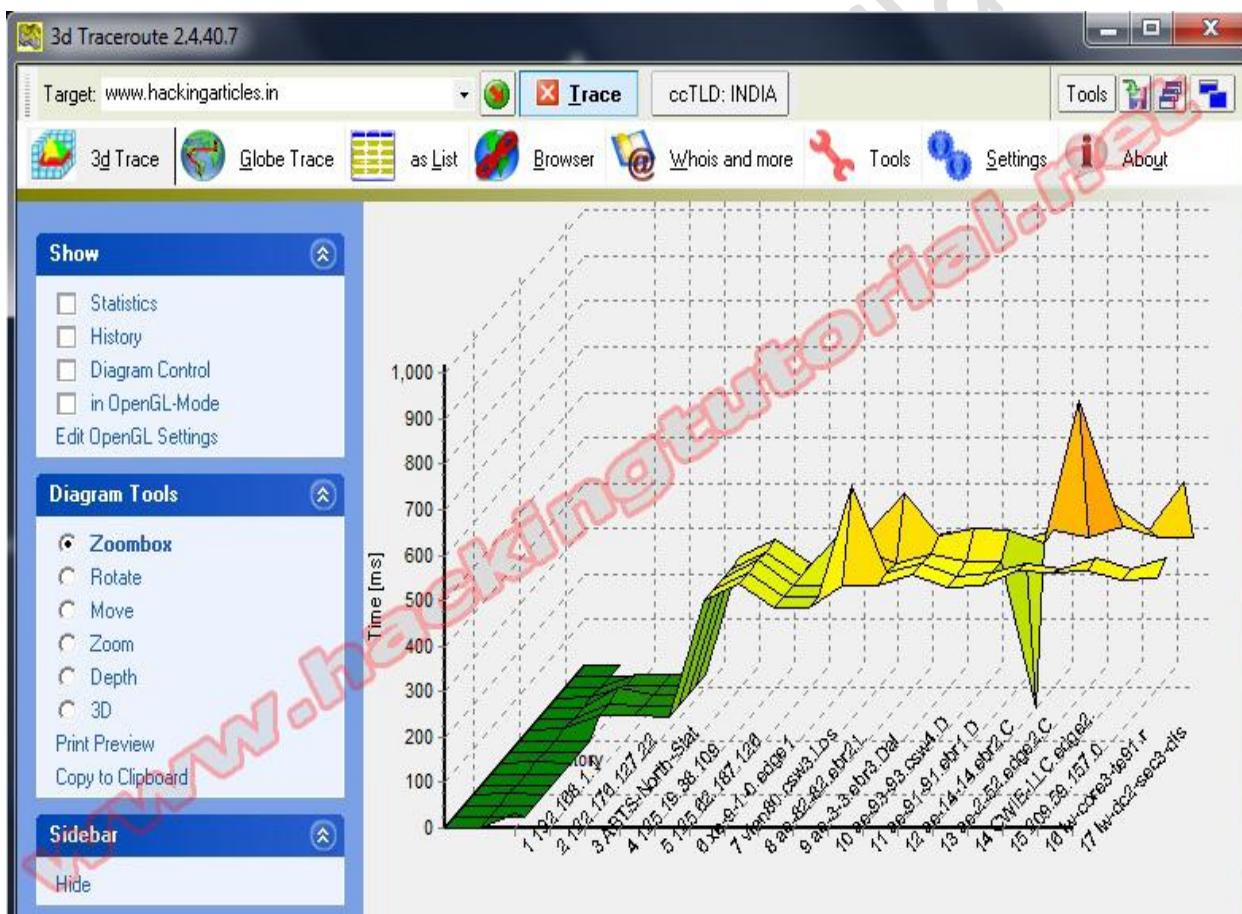
**www.hackingtutorial.net**

[www.iptools.com](http://www.iptools.com)

## Trace Route

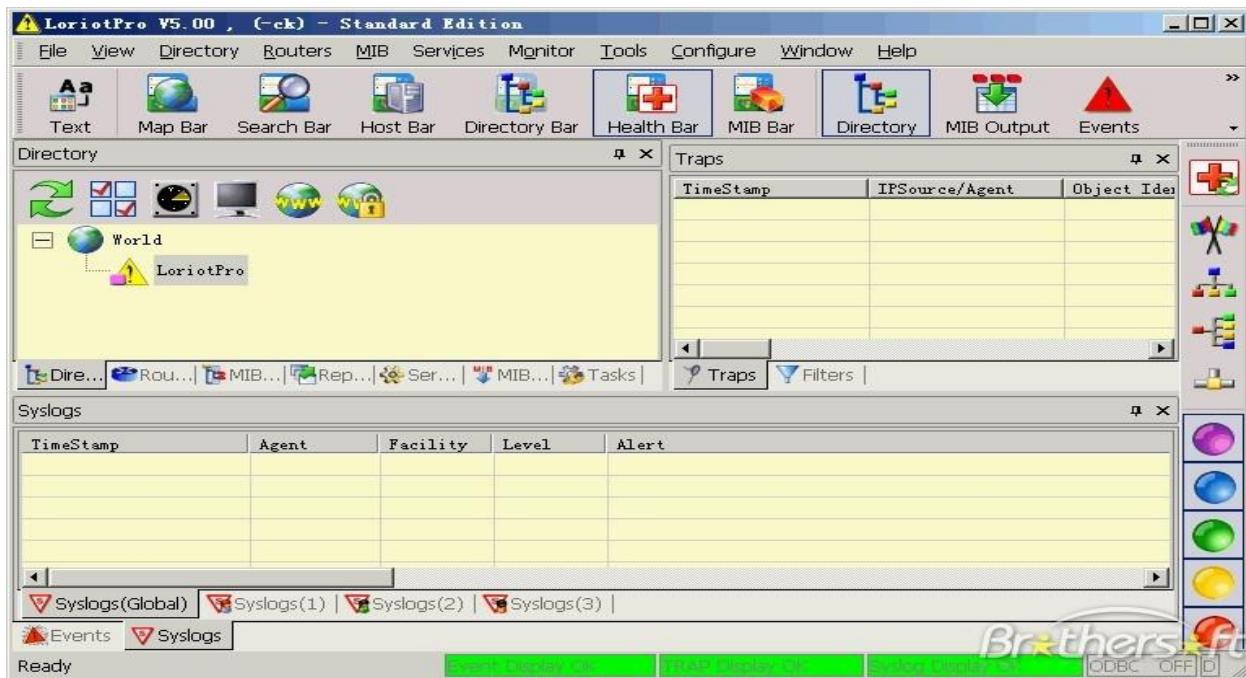
**Traceroute:** Traceroute is the program that shows you the route over the network between two systems, listing all the intermediate routers a connection must pass through to get to its destination. It can help you determine why your connections to a given server might be poor, and can often help you figure out where exactly the problem is. It also shows you how systems are connected to each other, letting you see how your ISP connects to the Internet as well as how the target system is connected.

### 3D Traceroute



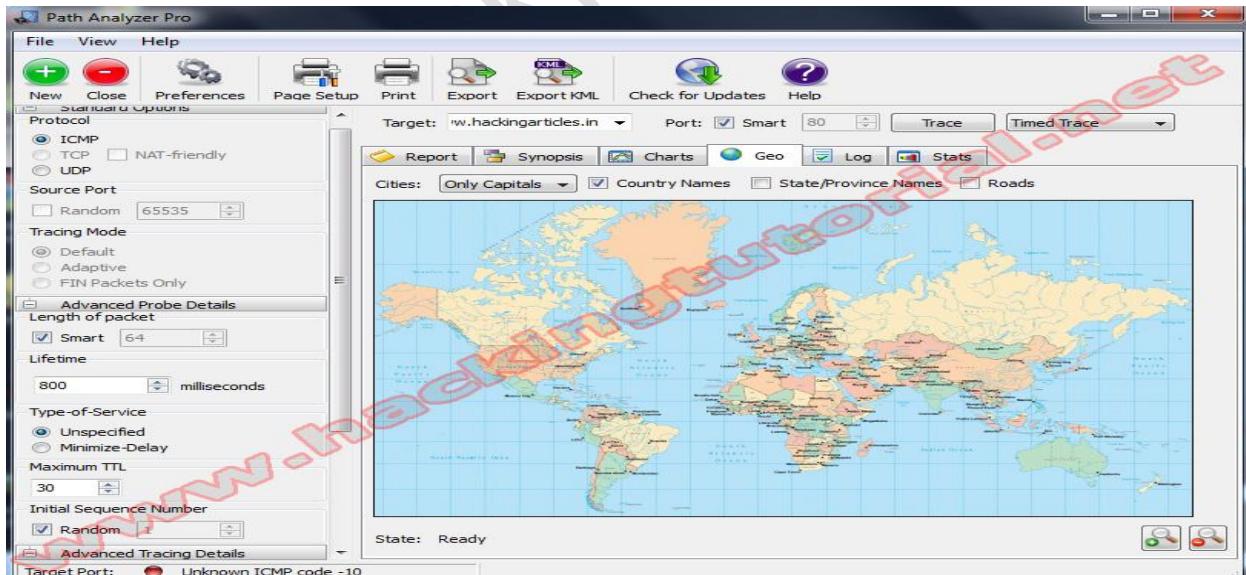
[www.d3tr.de](http://www.d3tr.de)

## Loriot Pro



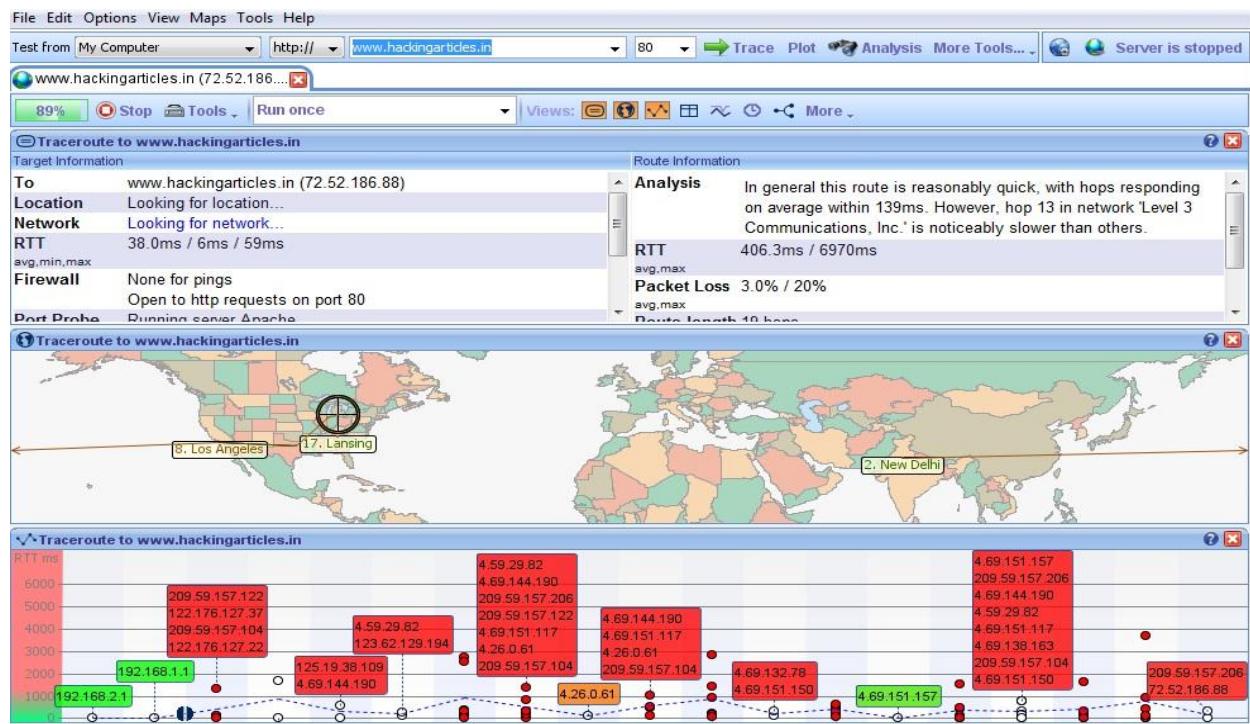
[www.lriotpro.com](http://www.lriotpro.com)

## Path Analyzer Tool



[www.pathanalyzer.com](http://www.pathanalyzer.com)

## Visual Route Trace



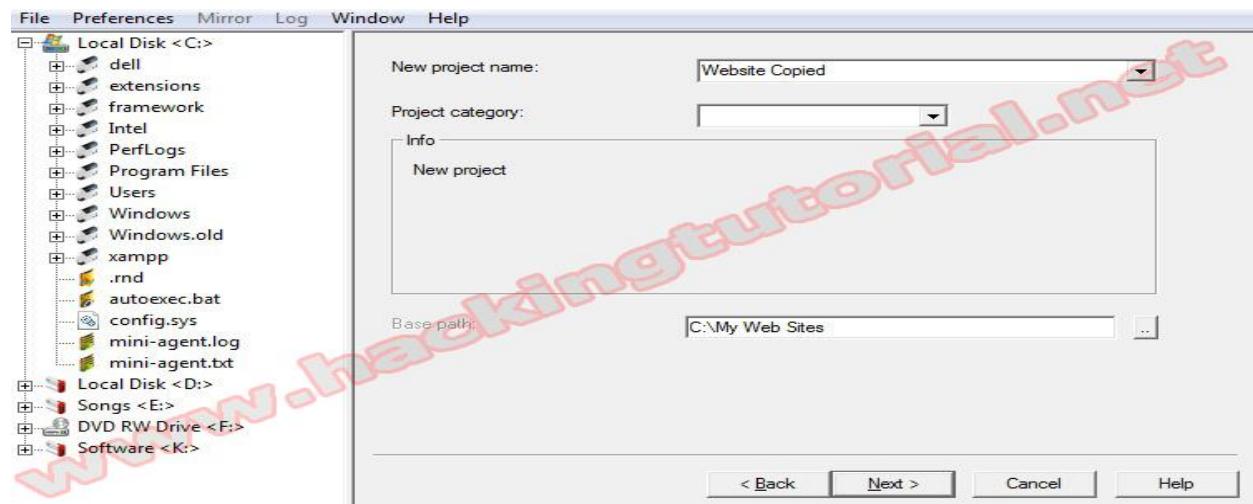
[www.visualroute.com](http://www.visualroute.com)

## Traceroute Tools

GEO Spider	<a href="http://www.oreware.com">www.oreware.com</a>
V Trace	<a href="http://www.vtrace.pl">www.vtrace.pl</a>
Magic Net Trace	<a href="http://www.tialsoft.com">www.tialsoft.com</a>
Visual IP Trace	<a href="http://www.visualiptrace.com">www.visualiptrace.com</a>
Trout	<a href="http://www.foundstone.com">www.foundstone.com</a>
Ping Plotter	<a href="http://www.pingplotter.com">www.pingplotter.com</a>
Ping-Probe	<a href="http://www.ping-probe.com">www.ping-probe.com</a>

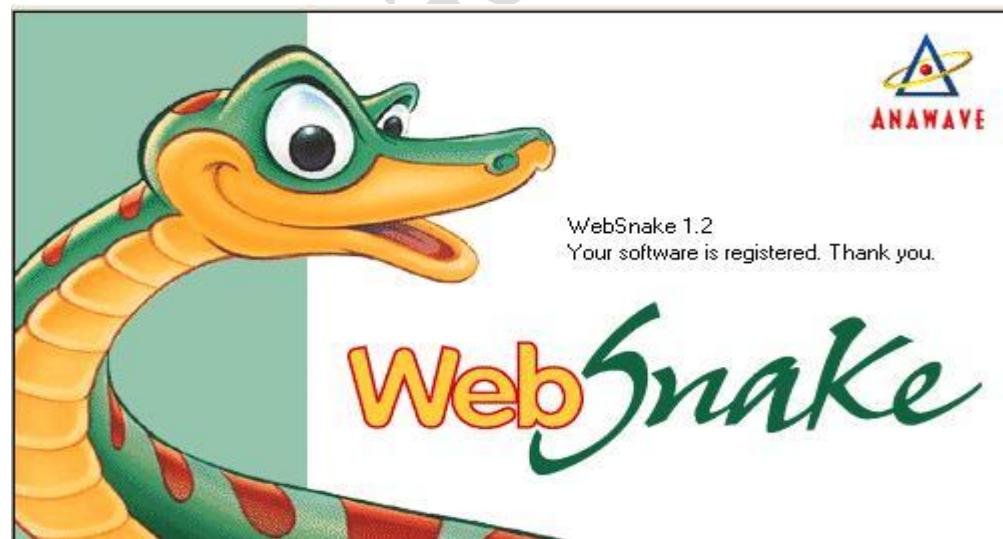
## Website Mirroring Tools

**HTTRack:** HTTRack is a free (GPL, libre/free software) and easy-to-use offline browser utility. It allows you to download a World Wide Web site from the Internet to a local directory, building recursively all directories, getting HTML, images, and other files from the server to your computer.



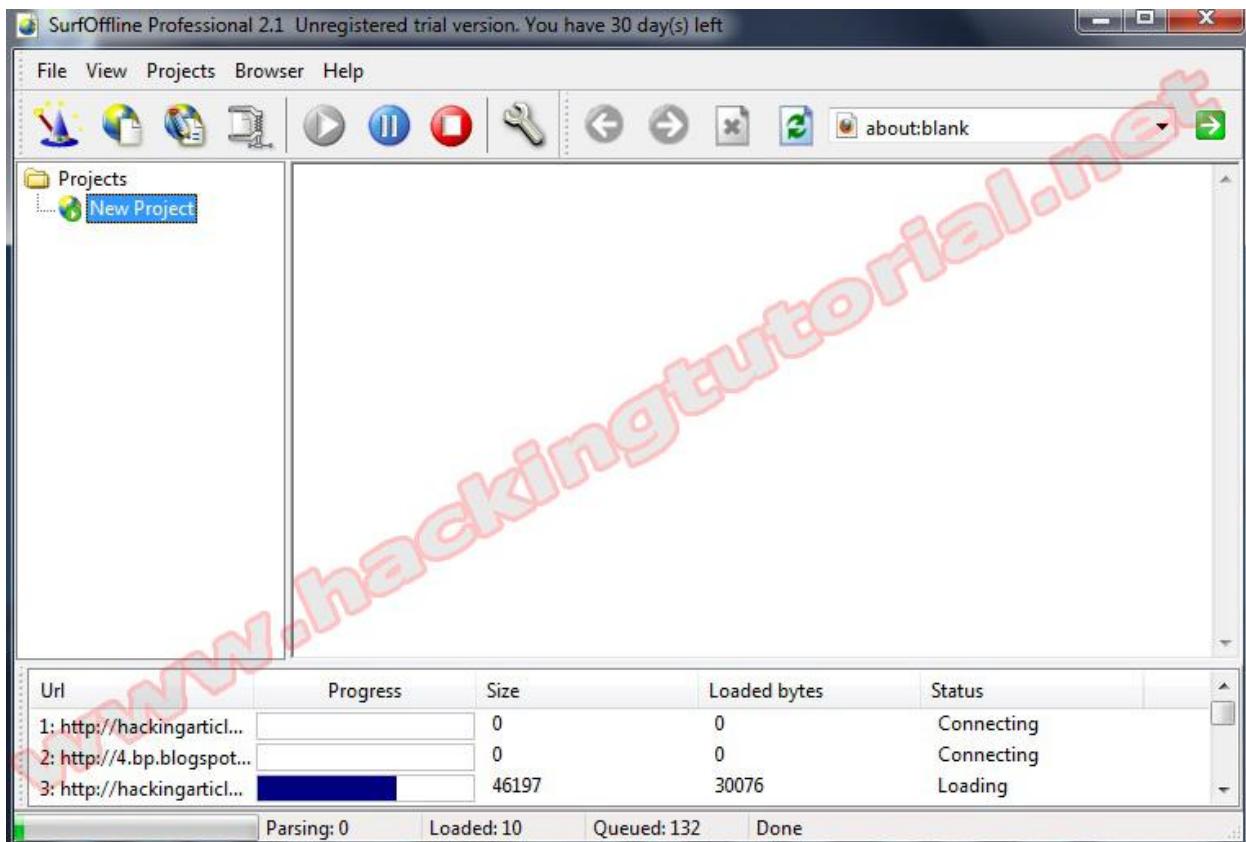
[www.httrack.com](http://www.httrack.com)

**Web Snake:** WebSnake is the world's most powerful off-line browser designed exclusively for Windows Platform. In addition to off-line browsing, WebSnake is unique in that it uses our proprietary "intelligent pull" technology to search and retrieve files from the World Wide Web



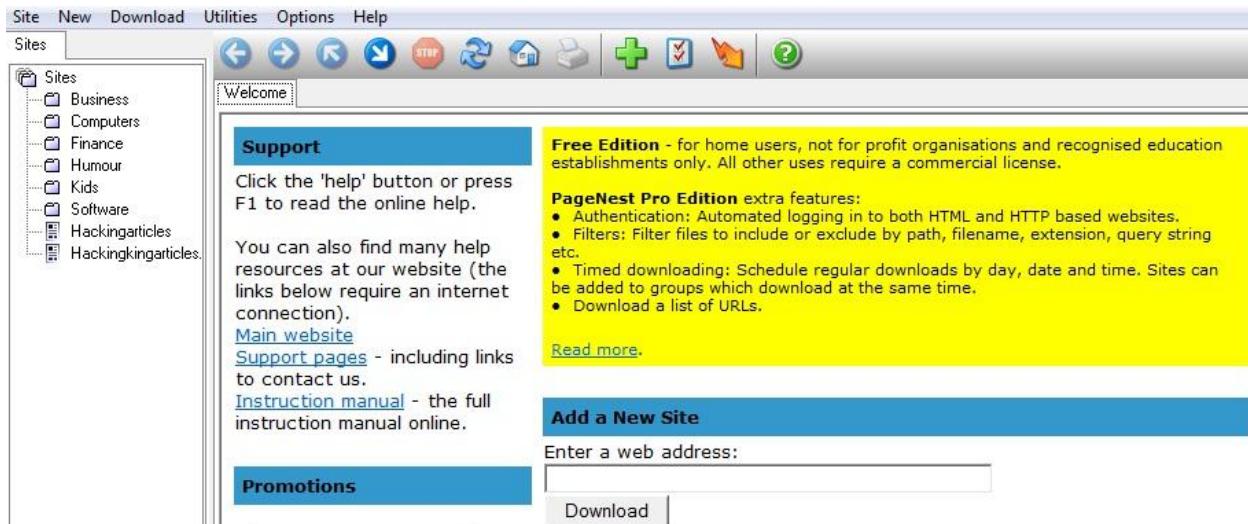
[www.websnake.com](http://www.websnake.com)

**Surfonline:** Surf Offline is fast and convenient website download software. The software allows you to download entire websites and download web pages to your local hard drive.



[www.surfonline.com](http://www.surfonline.com)

**PageNest:** Copy your favorite WebPages to hard disk with PageNest. Give PageNest the address of a website and it will copy either the page or the entire site (whichever you prefer) to your hard disk. It will create an exact copy of what you see in your browser including the text, html, images and css.

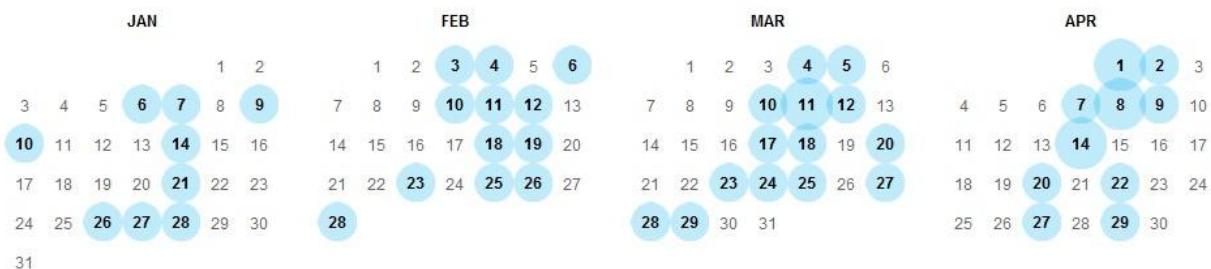
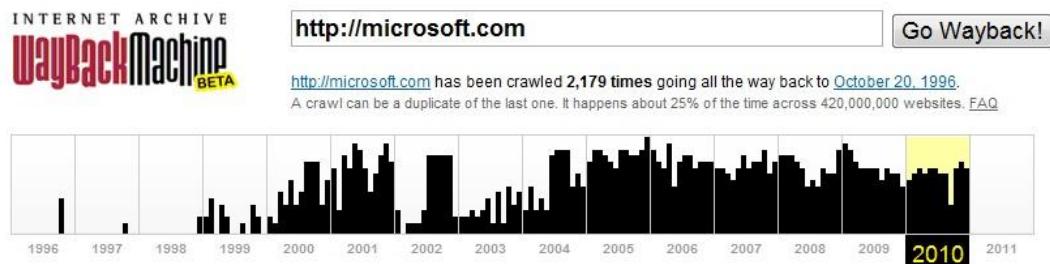


[www.pagenest.com](http://www.pagenest.com)

## Mirroring Entire Website Tools

<b>Black Window</b>	<a href="http://www.softbytelabs.com">www.softbytelabs.com</a>
<b>Wget</b>	<a href="http://www.gnu.org">www.gnu.org</a>
<b>Rreamweaver</b>	<a href="http://www.reamweaver.com">www.reamweaver.com</a>
<b>Website Riper Copier</b>	<a href="http://www.tensions.com">www.tensions.com</a>
<b>WinWsd</b>	<a href="http://www.winwsd.uw.hu">www.winwsd.uw.hu</a>
<b>Teleport Pro</b>	<a href="http://www.tenmax.com">www.tenmax.com</a>

## Extract Website Information



[www.archive.org](http://www.archive.org)

## Email-Tracking Tool

**Online Email Tracer:** Email Tracer is a tool to track email sender's identity. It analyzes the email header and gives the complete details of the sender like IP address, which is key point to find the culprit and the route followed by the mail, the Mail Server, details of Service Provider etc. Email Tracer traces up to Internet Service Provider level only. Further tracing can be done with the help of ISP and law enforcement agencies. The message-id will be useful for analyzing the mail logs at ISP.

### Online EMailTracer

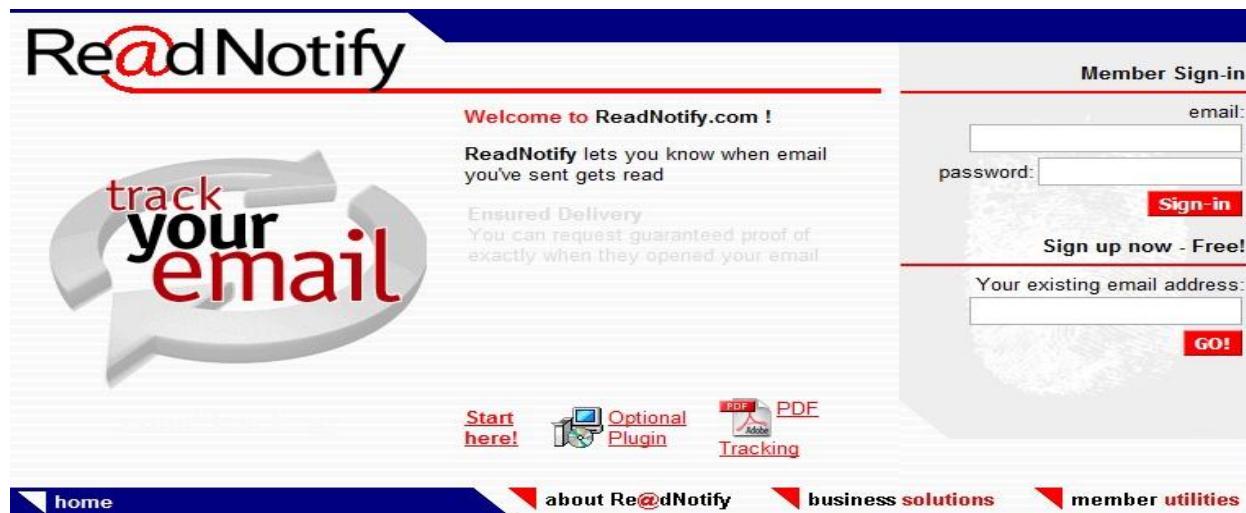
EmailTracer is a tool to track email sender's identity. It analyzes the email header and gives the complete details of the sender like IP address, which is key point to find the culprit and the route followed by the mail, the Mail Server, details of Service Provider etc. EmailTracer traces up to Internet Service Provider level only. Further tracing can be done with the help of ISP and law enforcement agencies. The message-id will be useful for analyzing the mail logs at ISP.

Paste EMail Header here

The screenshot shows a web-based application for tracking email headers. At the top, there is a text input field with the placeholder "Paste EMail Header here". Below the input field is a large, empty rectangular area for displaying results. At the bottom of the page, there is a navigation bar with three items: "Start Tracing" (which is highlighted in blue), "EMail Crimes", and "How to extract EMail Header?".

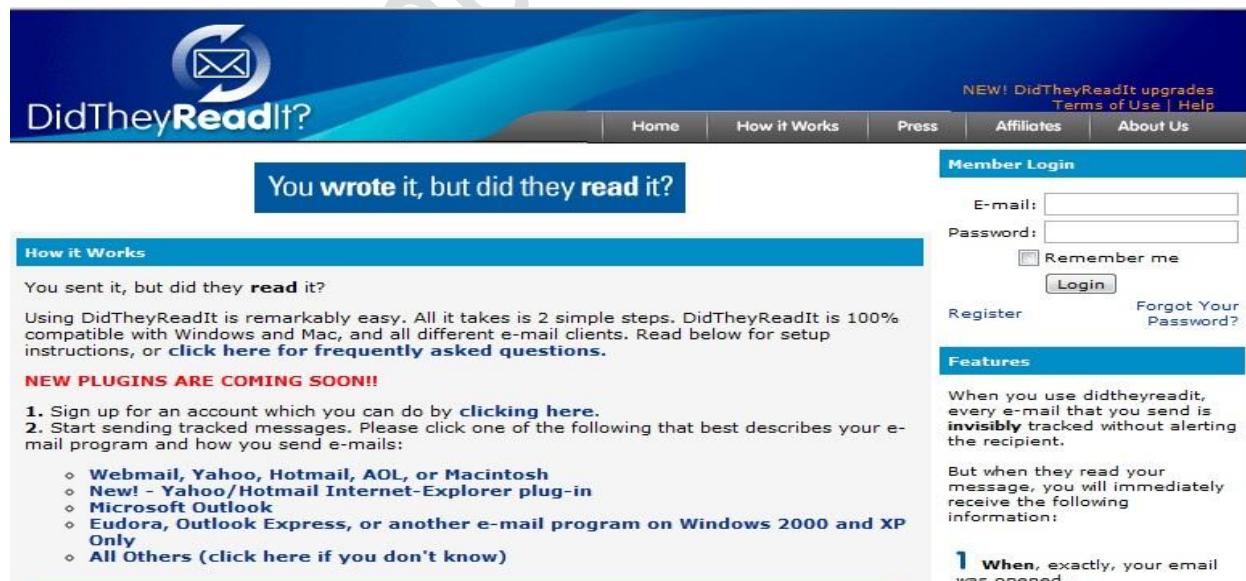
<http://www.cyberforensics.in/OnlineEmailTracer/index.aspx>

**Read Notify:** ReadNotify is the original tracking service of its kind, and remains the most powerful and reliable email and document tracking service in the world today. In short - ReadNotify tells you when your tracked emails and documents are opened / re-opened / forwarded and so much more.



[www.readnotify.com](http://www.readnotify.com)

**Didtheyreadit:** DidTheyReadIt is a leader in providing a low cost, easy to use email tracking service. In the last few years we have been featured internationally in newspapers, magazines, and television and our services are used by some of the largest corporations in the world. We are based in Houston, Texas and have branch offices throughout the world.



[www.didtheyreadit.com](http://www.didtheyreadit.com)

**PoltiteMail:** PoliteMail is software tools for Microsoft Outlook and Exchange. Our PoliteMail for Outlook client software adds the tracking tools and marketing features you want in Outlook and connects to the PoliteMail Server, which collects the tracking data 24/7.

The screenshot shows the PoliteMail website. At the top, there's a navigation bar with links for Products, Features, Pricing, Why PoliteMail?, Questions?, Customers, and Support. There are also links for 'Buy Now' and social sharing. The main content area features a heading 'Turn Outlook into a marketing communications machine!' and a sub-heading 'For Email Marketing, Sales, Service & Corporate Communications'. Below this, there's a section titled 'Solutions for your Outlook & Exchange Platform:' with a bulleted list of features. To the right, there's a sidebar titled 'Products' listing various software editions: PoliteMail Software, PoliteMail Professional, PoliteMail Work Group Server, PoliteMail Cloud Server, and PoliteMail Enterprise Server. A large orange button at the bottom right says 'Try it now'.

[www.politemail.com](http://www.politemail.com)

**Email Tracker pro:** EmailTrackerPro can trace any email back to its true geographical location\* by using the email header. The header of an email provides the key details about where an email came from and if it is likely to be spam.

The screenshot shows the eMailTrackerPro application window. It has a menu bar with File, Options, and Help. The main interface includes a world map with a red dashed line and a callout box pointing to 'Ashburn, VA, USA'. Below the map is a table titled 'Route to Sender' with 8 rows, each showing a hop, IP address, and location. To the right, there's an 'Analysis' panel with sections for 'Email Address' (support@visualware.com), 'Location' (Ashburn, VA, USA), and 'Network Contact Information' (Defender Technologies Group, LLC). There's also a 'Domain Contact Information' section at the bottom.

Hop	IP	Location
1	192.168.0.1	Unknown
2	195.112.5.29	London, UK
3	84.12.224.29	London, UK
4	84.12.224.14	London, UK
5	195.66.224.167	London, UK
6	63.218.94.6	Ashburn, VA, USA
7	205.234.111.18	Washington, DC, USA
8	205.234.111.141	Ashburn, VA, USA

[www.visualware.com](http://www.visualware.com)

## Availability of your name in the Most popular SocialSites

**Name Check:** Namecheck provides you with a free search report to reveal if your brand has been taken as a domain name, social media username or trademark.

**namecheck.com**

Your search report for "raj chandel"

August 19th, 2011 - 4.54 am

Social Media Usernames (e.g. www.twitter.com/raj chandel)

Read more about Social User Names

<b>facebook</b> Name is <b>TAKEN</b> <a href="#">Preview</a>	<b>twitter</b> Name is <b>TAKEN</b> <a href="#">Preview</a>	<b>myspace® a place for friends</b> Name is <b>TAKEN</b> <a href="#">Preview</a>	<b>LinkedIn</b> Name is <b>AVAILABLE</b> <a href="#">Register now with KnowEm</a>
<b>eBay</b> Name is <b>TAKEN</b> <a href="#">Preview</a>	<b>Blogger</b> Name is <b>TAKEN</b> <a href="#">Preview</a>	<b>WORDPRESS</b> Name is <b>TAKEN</b> <a href="#">Preview</a>	<b>del.icio.us</b> Name is <b>AVAILABLE</b> <a href="#">Register now with KnowEm</a>

[www.namecheck.com](http://www.namecheck.com)

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Alaland Abkhazia Aceh Adjara Adygea Afghanistan	Dagestan Denmark Djibouti Dominica Dominican Republic Dutch Caribbean	Nagorno Karabakh Nakhichevan Namibia Nauru Nepal Nederlande	Global	ADS <b>INFORLISTINGS DIRECTORY</b>

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**Contact me: [raj@hackingarticles.in](mailto:raj@hackingarticles.in)**