

Searching the Internet 2017 – The Primer

By

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The January 2017 Zillman Column features **Searching the Internet 2017 – The Primer**. This column is designed to open your eyes to the many excellent resources on the Internet to search for information and/or to discover new knowledge! This column will also explain to you a number of ways to search for information on the Internet and methods to continue your searches and knowledge discovery. It is also designed for the “newbie” to the Internet or for the person who only uses one source to search for information on the Internet. There are basically four areas to search for information on the Internet: 1) Search Engines, 2) Indexes and Directories, 3) Intuitive Search and 4) Custom Search and Deep Web Search. This will give a brief explanation of each area followed by some examples that you may immediately implement! The goal here is to broaden your search horizons so you may make searching the Internet easier to perform. This is not designed for advanced or sophisticated searching techniques as these will be addressed in other of my papers, columns and articles.

<http://www.SearchingTheInternet.info/>

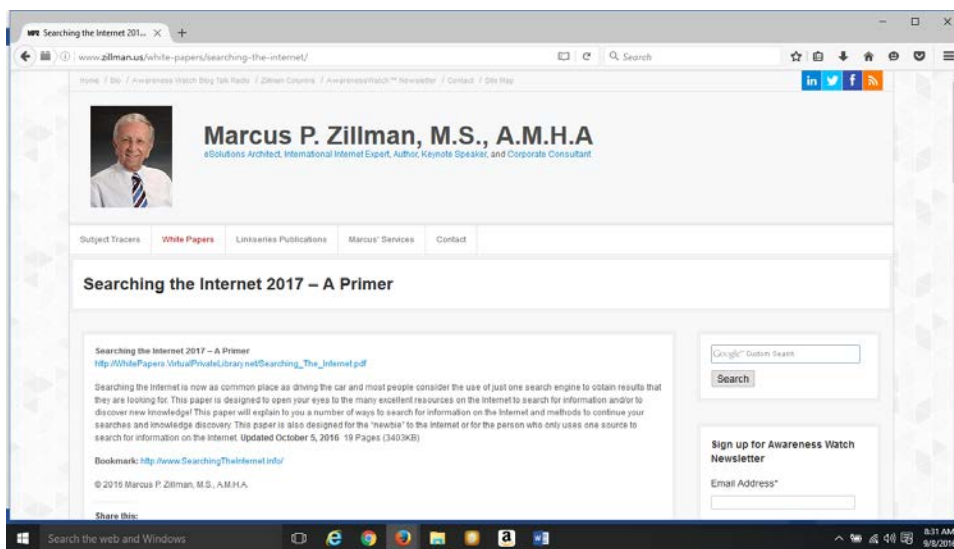


Figure 1: Current Awareness Discovery Tools on the Internet 2017 Subject Tracer™ Information Blog

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Searching the Internet 2017 – The Primer

Search Engines

Search engines on the Internet are powered by “bots” that actively go out and search for meta description and keywords in files that are placed on the Internet. When you visit the search engine and type in the keyword or phrase that you are looking for the results that are generated come from the latest searching by the search engine’s bots that are deposited in the search engine’s database. The currency of the results is purely based on when the search engine’s bots visited the site and brought back the meta information to the search engine’s database. There are literally thousands upon thousands of search engines on the Internet and I will list only a few of the larger and better known. I will also list a “list” of search engines all over the world so you can visit many of them to obtain a better understanding of search engines in general!

ASK Search Engine

<http://www.ask.com/>

Bing

<http://www.Bing.com/>

eHealthcareBot.com – 2017 Healthcare Meta Search Engine

<http://www.eHealthcareBot.com/>

Google

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

HotBot

<http://www.HotBot.com/>

Search Engine Colossus: International Directory of Search Engines

<http://www.searchenginecolossus.com>

SurfWax (Smart Meta Search Engine – Searches Multiple Search Engines)

<http://www.SurfWax.com/>



Yahoo!

<http://search.yahoo.com/>

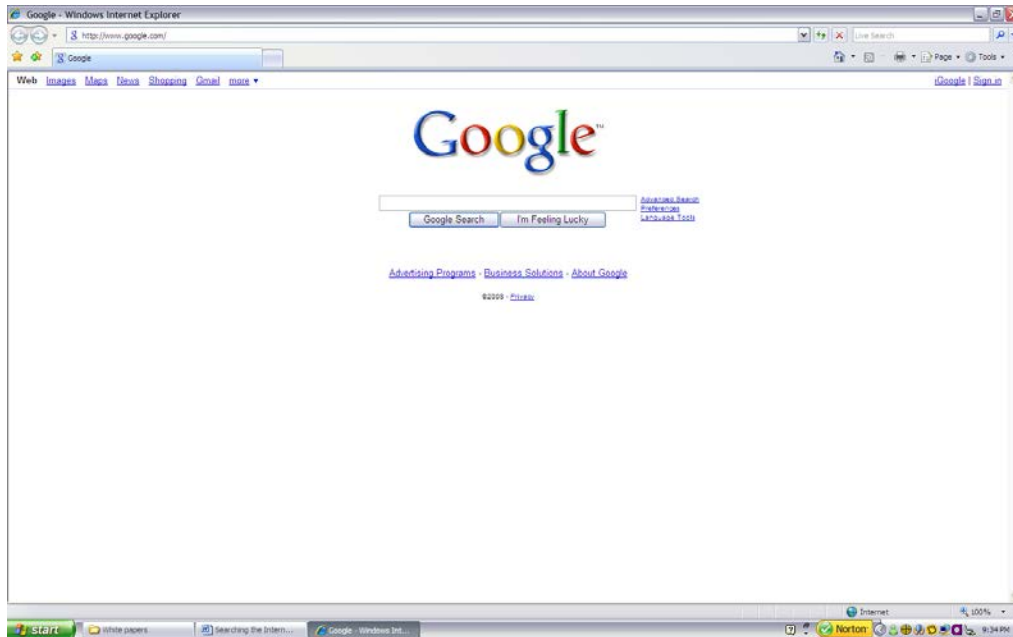


Figure 2: Google™ Search Engine

Indexes and Directories

Most individuals are accustomed to looking for information from directories and indices. This has started with the “telephone” book and then to other similar sources of directory information. The Internet also has a number of directory resources that allow you to search in a more convenient and simple format to find the information that you are looking for by going from menu to menu to menu until you find the subject and/or topic that you are looking for. Many of these are called subject trees, subject directories and are available freely over the Internet. There are literally tens of thousands of directories and subject trees on the Internet and as with Search Engines I will list some of the larger and more popular directories as well as a listing of a Directory of Directories on the Internet.

2017 Directory of Directories

<http://www.2017DirectoryOfDirectories.com/>

Directory Resources 2017

<http://www.DirectoryResources.info/>



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Dmoz Open Directory Project

<http://www.dmoz.org/>

Internet Guidebooks

<http://www.cln.org/guidebooks.html>

Intute [Closed in 2011; Archives Available]

<http://www.intute.ac.uk/>

Librarians' Index to the Internet

<http://www.ipl.org/>

MegaSources

<http://pages.pathcom.com/~dtudor/megasources.htm>

Web Based Resources

<http://ejw.i8.com/>

Yahoo!

<http://www.Yahoo.com/>

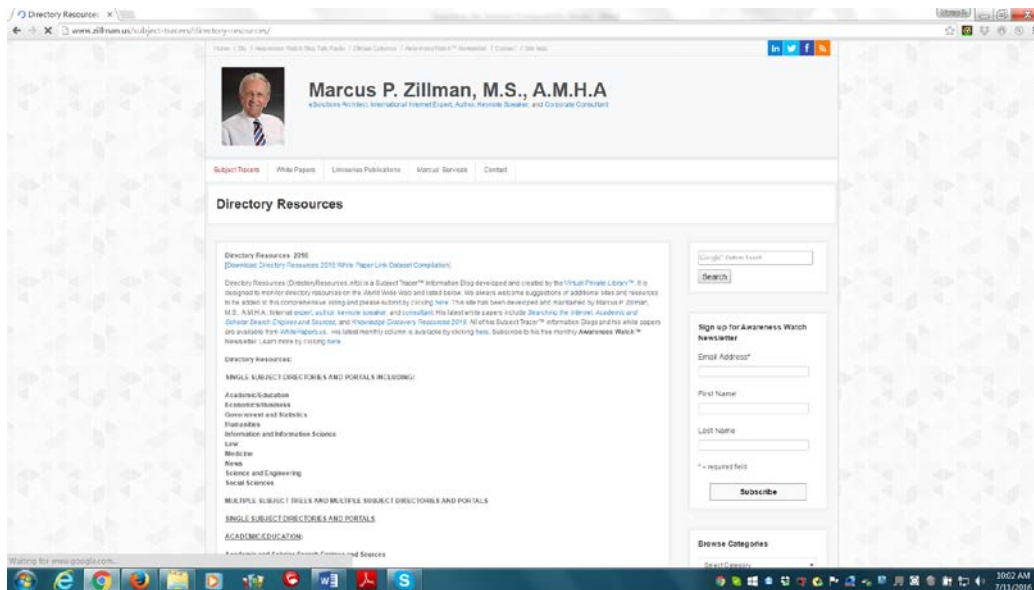


Figure 3: DirectoryResources.info Subject Tracer™



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Intuitive Searching

Intuitive searching on the Internet is a fun way to look for information that could be available. By entering a name ... any name into the search engine it will return potentially relevant results. This is also an excellent way to check out an individual by typing in their complete name and observing the results brought back by the search engine. Sometimes this could be very interesting. As an example with Google™ you may search for results from the Web, results from Images, results from Groups, results from Directories and results from News. All these results are available from the labeled tabs at the top of each of Google's pages. Also you may take the intuitive name and add one of the basic seven domain name suffixes to it to obtain potentially relevant results:

IntuitiveName.biz

IntuitiveName.com

IntuitiveName.info

IntuitiveName.net

IntuitiveName.org

IntuitiveName.us

IntuitiveName.ws

Replace the Intuitive Name with the name that you are searching for i.e. Research or ResearchResources, etc. and add one of the suffixes above or any other new suffixes now available and then enter it in the URL line of your browser to see if that site exists today on the Internet. Also remember that if you have more than one word that all the words must run together to become a potential domain name (Research.com, ResearchResources.info, etc.). This could be a very interesting and valuable resource to finding information on the Internet and must be done periodically as new domain names are being created daily! If you do not find anything today it could very well be created tomorrow!! Also I just listed the original suffixes with many many more now available!!



Using the technologies of today, most times you can just enter the “IntuitiveName” all alone in the search text box of a search engine such as Google, Yahoo, or Bing. One of the top most results should be what you are looking for.

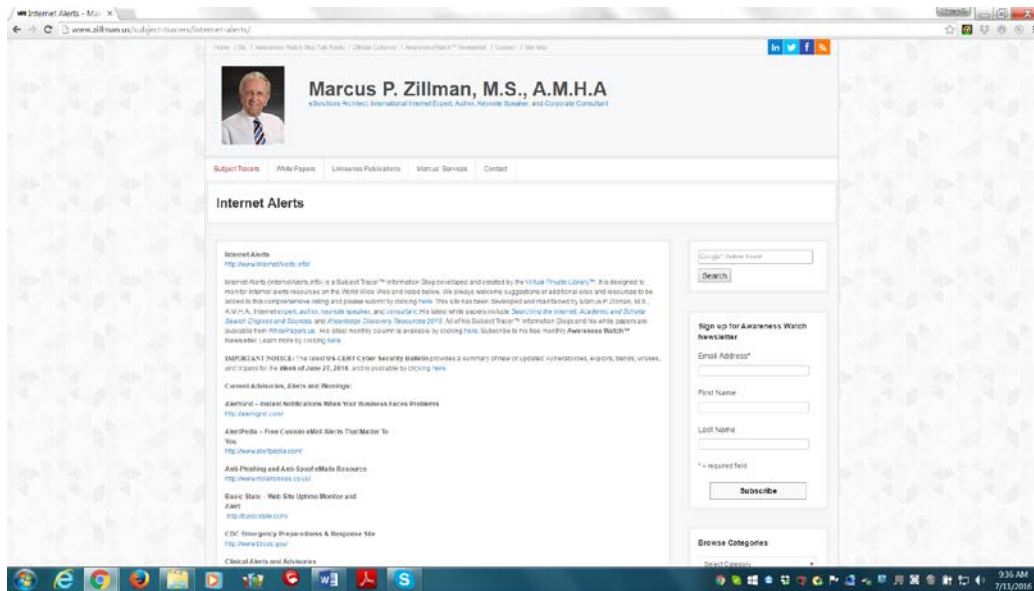


Figure 4: Internet Alerts – InternetAlerts.info Intuitive Name Site

Custom Search and Deep Web Research

Searching the Internet with your own SearchBot or developing a resource list of areas of deep web search will aid you in the discovery of new information as well as going where no search engines have traveled or fear to go! You do not need to be a Geek, Nerd or BotMaster to travel these search areas and I will list some of the highly viewed sites and resources. As the creator of BotSpot.com in 1996 I have used and visited literally thousands of these resources on an ongoing and continuing basis over the last twenty years or I have created these resources to aid the Internet community in discovering information and knowledge in the deep and invisible web.

Deep Web Searching tip: You can initiate a deep search inside another site that uses search engine. Suppose you want to search amazon for a book. You can go to Amazon.com and type in the name of that book, or you can type in “amazon” followed by space and the name of the book in any search engine and still be ultimately led to the same search result. SO you are effectively querying a deep web index from the top level.



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The same tip works not only for amazon, but also say Barnes and Noble, or electronics retail sites such as Newegg, Fry's, Costco, or supermarket sites such as Walmart, Kmart, Target, Trader Joes, etc. You would simply search for the brand name followed by the name of the item looking for in the search box and one of the top results should be a direct deep link for that product in that site. This trick also works with American Apparel, and other outfitting sites such as Betabrand.

Here are a few of these resources:

Bot Research 2017

<http://www.botresearch.info/>

Bright Planet

<http://www.brightplanet.com/>

Deep Web Research and Discovery Resources 2017

<http://www.DeepWeb.us/>

Finding Information on the Internet – Internet Tutorials

<http://www.academicinfo.net/reffind.html>

Finding What You Need With the Best Search Engines

<http://www.philb.com/whichengine.htm>

IMetaSearch tool improves custom search as a desktop app

<http://www.puffinwarellc.com/>

Internet Searches for Vetting, Investigations and Open-Source Intelligence (book)

<http://www.amazon.com/Cybervetting-Internet-Investigations-Open-Source-Intelligence/dp/1482238853>

Knowledge Discovery

<http://www.KnowledgeDiscovery.info/>

Research Beyond Google – 119 Authoritative, Invisible, and Comprehensive Resources

<http://oedb.org/ilibrarian/research-beyond-google/>

I have written a number of white papers and articles on deep web research and knowledge discovery and they are freely available over the Internet at the following sites:

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White Papers By Marcus P. Zillman, M.S., A.M.H.A.

<http://www.WhitePapers.us/>

Using the Internet As a Dynamic Resource Tool for Knowledge Discovery 2017

<http://www.zillman.us/white-papers/using-the-internet-as-a-dynamic-resource-tool-for-knowledge-discovery/>

Current Awareness Discovery Tools on the Internet 2017

<http://www.zillman.us/white-papers/current-awareness-discovery-tools-on-the-internet/>

Academic and Scholar Search Engines and Sources

<http://www.ScholarSearchEngines.com/>

Knowledge Discovery Resources 2017

<http://www.KDRResources.info/>

Deep Web Research and Discovery Resources 2017 White Paper

<http://DeepWeb.us/>

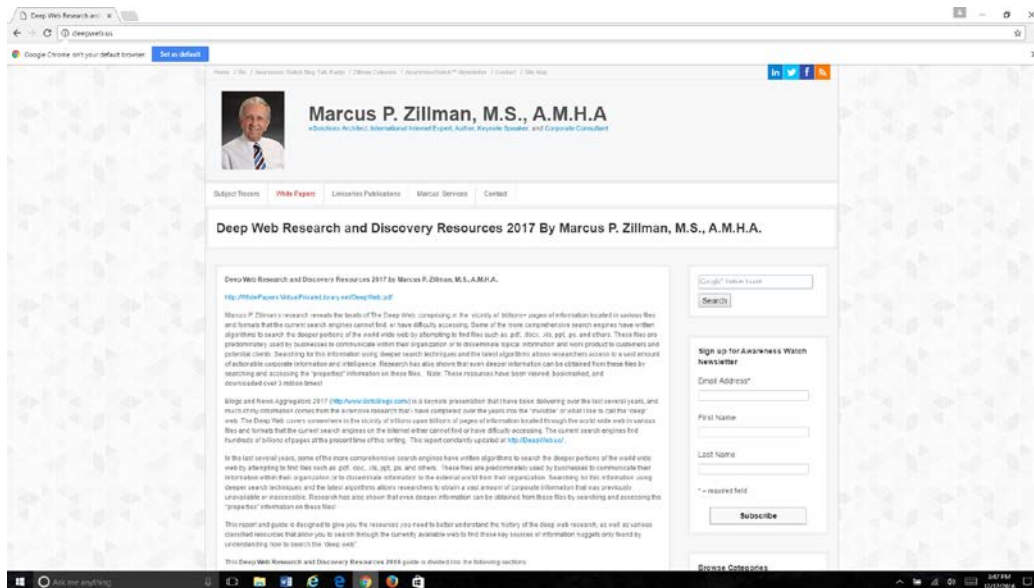


Figure 1: Deep Web Research and Discovery Resources 2017 – <http://DeepWeb.us/>



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Additional Searching Resources:

Become a Google Power Searcher

<http://googleblog.blogspot.com/2012/06/become-google-power-searcher.html>

Five Golden Rings – 5 Tips for Teachers and Librarians

<http://searchresearch1.blogspot.com/2010/12/five-golden-rings-5-tips-for-teachers.html>

Google - Inside Search

<http://www.powersearchingwithgoogle.com/>

Google Search Techniques

<http://www.johntedesco.net/blog/2012/06/21/how-to-solve-impossible-problems-daniel-russells-awesome-google-search-techniques/>

Help Your Students Become Better Searchers

<http://www.google.com/insidesearch/searcheducation/index.html>

How Proper Online Research Works

<http://netforbeginners.about.com/od/navigatingthenet/tp/How-to-Properly-Research-Online.htm>

How Many Words Should Be In Your Search Query?

<http://searchresearch1.blogspot.com/2010/11/how-many-words-should-be-in-your-search.html>

How To Articulate or Form a Search Query

<http://searchresearch1.blogspot.in/2011/05/on-writing-good-search-questions.html>

How To Improve Your Researching Skills and Write Accurately

http://www.writersdigest.com/whats-new/how-to-improve-your-researching-skills-and-write-accurately?et_mid=523564&rid=226010252

How To Use Google and Bing for Search [Video]

<http://www.seroundtable.com/photos/google-bing-researchers-16331.html>

Incompetent Research Skills Curb Users' Problem Solving

<http://www.nngroup.com/articles/incompetent-search-skills/>



Research Methods On the World Wide Web

<http://comminfo.rutgers.edu/professional-development/childlit/researchmethods.html>

Research Skills for Students

<http://www.shambles.net/pages/learning/infolit/research/>

Scholarpedia - Peer-Reviewed Open-Access Encyclopedia

<http://www.scholarpedia.org>

Search Education

<http://www.google.com/insidesearch/searcheducation/>

Search Tips and Tricks

<http://www.google.com/insidesearch/tipstricks/>

Seven Steps to Effective Library Research

<http://guides.library.cornell.edu/sevensteps>

Seven Tools for Organizing Web Research

<http://www.freetech4teachers.com/2010/02/tools-for-organizing-web-research.html>

Teaching the Ten Steps to Better Web Research

<http://www.slideshare.net/sweetsearch/teaching-the-ten-steps-to-better-web-research>

Teaching Information/Research Skills in Elementary Schools

<http://langwitches.org/blog/2009/02/21/teaching-informationresearch-skills-in-elementary-school/>

Ten Steps to Better Web Research

<http://www.sweetsearch.com/TenSteps>

The Search Education Hub: Helping Students Become Savvy Searchers

<http://insidesearch.blogspot.ca/2012/05/helping-students-become-savvy-searchers.html>

Tips and Tricks for Using Appropriate Search Query Operators

<http://searchresearch1.blogspot.in/2011/08/whats-do-you-find-hard-to-search-some.html>

Virtual Training Suite – Developing Internet Research Skills

<http://www.vtstutorials.co.uk/>



When To Use the + Operator – The Most Misunderstood of Them All
<http://searchresearch1.blogspot.com/2010/12/when-to-use-operator-most-misunderstood.html>

I have also created 54 **Subject Tracer™ Information Sources** that are freely available to the Internet community. These Subject Tracers allow you to search using the directory/index style as I mentioned in Indexes and Directories on page three. The following is a current list of the Subject Tracer™ Information Blogs along with their URL address:

Virtual Private Library™
<http://www.VirtualPrivateLibrary.com/>

Accessibility Resources
<http://www.AccessibilityResources.info/>

Agriculture Resources
<http://www.AgricultureResources.info/>

AnswerSpot
<http://www.AnswerSpot.us/>

Artificial Intelligence Resources
<http://www.AIResources.info/>

Astronomy Resources
<http://www.AstronomyResources.info/>

Auction Resources
<http://www.AuctionResources.info/>

Biological Informatics
<http://www.BiologicalInformatics.info/>

Biotechnology Resources
<http://www.BiotechnologyResources.info/>



Bot Research

<http://www.BotResearch.info/>

Business Intelligence Resources

<http://www.BIResources.info/>

ChatterBots

<http://www.ChatterBots.info/>

Data Mining Resources

<http://www.DataMiningResources.info/>

Deep Web Research

<http://www.DeepWebResearch.info/>

Directory Resources

<http://www.DirectoryResources.info/>

eCommerce Resources

<http://eCommerceResources.info/>

Education and Academic Resources

<http://www.EducationResources.info/>

Elder Resources

<http://www.ElderResources.info/>

Employment Resources

<http://www.EmploymentResources.info/>

Entrepreneurial Resources

<http://www.EntrepreneurialResources.info/>

Fact Checkers Directory

<http://www.FactCheckers.us/>

Financial Sources

<http://www.FinancialSources.info/>



Finding People Resources and Sites

<http://www.FindingPeople.info/>

Games Resources

<http://www.GamesResources.info/>

Genealogy Resources

<http://www.GenealogyResources.info/>

Grant Resources

<http://www.GrantResources.info/>

Green Files

<http://www.greenfiles.info/>

Grid, Distributed and Cloud Computing Resources

<http://www.GridResources.info/>

Healthcare Resources

<http://www.HealthcareResources.info/>

Information Futures Markets

<http://www.informationfuturesmarkets.com/>

Information Quality Resources

<http://www.InformationQualityResources.info/>

International Trade Resources

<http://www.InternationalTradeResources.info/>

Internet Alerts

<http://www.InternetAlerts.info/>

Internet Demographics

<http://www.InternetDemographics.info/>

Internet Experts

<http://www.InternetExperts.info/>



Internet Hoaxes

<http://www.InternetHoaxes.info/>

Intrapreneurial Resources

<http://www.IntrapreneurialResources.info/>

Journalism Resources

<http://www.JournalismResources.info/>

Knowledge Discovery

<http://www.KnowledgeDiscovery.info/>

Military Resources

<http://www.MilitaryResources.info/>

New Economy Analytics, Resources and Alerts

<http://www.NewEconomyAnalytics.com/>

Outsourcing/Offshoring Information and Resources

<http://www.OutsourcingOffshore.us/>

Prediction Markets

<http://www.PredictionMarkets.com/>

Privacy Resources

<http://www.PrivacyResources.info/>

Reference Resources

<http://www.ReferenceResources.info/>

Research Resources

<http://www.ResearchResources.info/>

RestStress™

<http://www.RestStress.com/>

Script Resources

<http://www.scriptresources.info/>



ShoppingBots

<http://www.ShoppingBots.info/>

Social Informatics

<http://www.SocialInformatics.net/>

Statistics Resources and Big Data

<http://www.StatisticsResources.info/>

Student Research

<http://www.StudentResearch.info/>

Theology Resources

<http://www.TheologyResources.info/>

Tutorial Resources

<http://www.TutorialResources.info/>

World Wide Web Reference

<http://www.WWWReference.info/>



Figure 5: Virtual Private Library™



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Author Information: Marcus P. Zillman, M.S., A.M.H.A. Executive Director of the Virtual Private Library is an international Internet expert, author, keynote speaker and corporate consultant in the area of information retrieval, knowledge discovery, knowledge harvesting, artificial intelligence and bots/intelligent agents. He has created numerous world wide web sites including 54 Subject Tracer™ Information Portals and Blogs; written a number of internet miniguides, white papers, manuals and books; hosted over 160 weekly Internet television shows, writes a weekly and monthly column on Current Awareness on the Internet; writes a monthly newsletter Awareness Watch and delivers keynote presentations throughout the international marketplace. He also actively delivers one and two day workshops for key industry sectors displaying how the Internet can be used as a tool to maintain current awareness and professional competencies. Additional websites by Marcus P. Zillman, M.S., A.M.H.A.:

Marcus P. Zillman's Blog (18,000+ Postings)

<http://www.zillman.us/>

Marcus P. Zillman Abbreviated Bio

<http://www.zillman.info/>

White Papers by Marcus P. Zillman

<http://www.WhitePapers.us/>

Awareness Watch™ Newsletter

<http://www.AwarenessWatch.com/>

Marcus P. Zillman's Columns

<http://www.ZillmanColumns.com>

LinkSeries Publications

<http://www.LinkSeries.com/>

Links By Marcus™

<http://www.LinksByMarcus.com/>

Workshops By Marcus™

<http://www.WorkshopsByMarcus.com/>

SourceSeries Internet Research Workshops

<http://www.SourceSeries.com/>

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Watch Marcus™

<http://www.WatchMarcus.com/>

listen to marcus™

<http://www.ListenToMarcus.com>

**Research White Papers, Articles, Lectures and Speeches by Marcus P. Zillman,
M.S., A.M.H.A.:**

2017 Directory of Directories

<http://www.2017DirectoryOfDirectories.com/>

Academic and Scholar Search Engines and Sources

<http://www.ScholarSearchEngines.com/>

Bots, Blogs and News Aggregators 2017

<http://www.BotsBlogs.com/>

Business Intelligence Online Resources 2017

<http://www.BIOnlineResources.info/>

Cloud Computing Resources Primer 2017

<http://www.zillman.us/white-papers/grid-distributed-and-cloud-computing-resources-primer/>

Current Awareness Discovery Tools on the Internet 2017

<http://www.zillman.us/white-papers/current-awareness-discovery-tools-on-the-internet/>

Deep Web Research and Discovery Resources 2017 Online White Paper

<http://DeepWeb.us/>

eMarketing MiniGuide 2017

<http://www.eMarketingMiniGuide.com/>

eReference Library Link Toolkit 2017

<http://www.eReferenceLibrary.com/>

Finding Experts By Using the Internet 2017

<http://www.FindingExperts.info/>

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Finding People Resources and Sites 2017

<http://www.FindingPeople.info/>

Healthcare Bots and Subject Directories 2017

<http://www.HealthcareBots.info/>

Knowledge Discovery Resources 2017

<http://www.KDResources.info/>

New Economy Resources 2017

<http://www.NewEconomyResources.com/>

<http://www.2017NewEconomy.com/>

Online Research Browsers 2017

<http://www.zillman.us/white-papers/online-research-tools/>

Online Research Tools

<http://www.OnlineResearchTools.info/>

Online Social Networking 2017

<http://www.OnlineSocialNetworking.info/>

Searching the 2017 – A Primer

<http://www.SearchingTheInternet.info/>

Using the Internet As a Dynamic Resource Tool for Knowledge Discovery 2017

<http://www.zillman.us/white-papers/using-the-internet-as-a-dynamic-resource-tool-for-knowledge-discovery/>

Web Data Extractors 2017

<http://www.webdataextractors.com/>

Web Guide for the New Economy 2017

<http://www.WebGuideNewEconomy.com/>

White Papers By Marcus P. Zillman, M.S., A.M.H.A.

<http://www.WhitePapers.us/>



Internet Tutor by Marcus P. Zillman, M.S., A.M.H.A.

<http://www.InternetTutor.info/>

Visit this site to learn about the availability of Marcus P. Zillman to tutor you or your associate one on one in the privacy of your residence or office on the latest happenings of the Internet including Internet basics to advanced Internet searching using bots and creating your own personal blog.

Internet Speaking by Marcus P. Zillman, M.S., A.M.H.A.

<http://www.InternetSpeaker.net>

Visit this site to learn about Marcus P. Zillman's speaking engagements for your organization meetings and events. View and listen to his previous presentations as well as his weekly television shows.

Internet Consulting by Marcus P. Zillman, M.S., A.M.H.A.

<http://InternetConsultant.BlogSpot.com/>

Visit this site to obtain information about obtaining the consultation services of Marcus P. Zillman for your company including eCommerce audits, utilization of bots, blogs and news aggregators or the creation of your own personal virtual private library powered by Subject Tracer™ Information bots!

Current Awareness Monitors, Alerts and Information Traps

<http://www.ecurrentAwareness.com/>

Marcus P. Zillman's latest report Current Awareness Monitors, Alerts and Information Traps is available for purchase online and for immediate download. This report is a comprehensive listing of the latest resources, sources and sites for current awareness on the Internet. This is a must read for anyone who must stay current in their profession and/or business activity as the list of URLs will keep you at the leading edge of your career.

Market Intelligence Resources

<http://www.MarketIntelligenceResources.com/>

Marcus P. Zillman's just released professional Internet MiniGuide is titled Market Intelligence Resources and is available for purchase online and immediate download. This 193 page digital miniguide represents a comprehensive listing of the latest resources, sources and sites to discover the latest Market Intelligence sources available on the Internet with many of them freely available! Designed specifically for today's entrepreneur, professional and/or investor.



Entrepreneurial Links 101

<http://www.EntrepreneurialLinks.com/>

Marcus P. Zillman's newly released 231 page eReference digital book for the up and coming entrepreneur. Entrepreneurial Links 101 gives an alphabetical listing of the very best Internet and World Wide Web sites covering Entrepreneur Resources, Business Intelligence Resources and an extremely comprehensive list of Online Research Tools. This is considered by many to be the entrepreneur's bible for finding relevant and competent online resources!

Internet Privacy and Security Resources

<http://www.InternetPrivacySecurity.net/>

Marcus P. Zillman's latest eReference digital publication is a selected comprehensive alphabetical listing of the latest resources and sites covering all aspects of privacy and security currently available over the Internet. From the board room to the family room, these resources and sites give you the information you need to maintain your privacy and security as you use the Internet in your business and personal life.

Research Resources Online Guide

<http://www.ResearchResourcesOnline.net/>

Marcus P. Zillman's latest [LinkSeries Publication](#) is a 235 page digital guide of a selected comprehensive alphabetical listing of the latest and greatest resources and sites covering all areas of research that is currently available over the Internet. The guide covers online research resources and tools for the Newbie to research as well as the Seasoned researcher. Contents include: a) Research Resources, b) Research Tools, c) Student Research Resources Toolkit, d) Knowledge Discovery/Management and Data Mining Resources, e) Knowledge Discovery/Retrieval and the World Wide Web Resources, and f) Subject Tracer™ Information Blogs.

The Survivor's Manual for The New Economy.

<http://www.NewEconomyManual.com/>

Marcus P. Zillman's latest LinkSeries Publication is a 239 page digital read that gives excellent resources and annotated sources for the new economy analytics, alerts, and an extremely comprehensive listing of new economy online tools.

