Using the Internet as a Dynamic Resource Tool for Knowledge Discovery

By

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The Internet continues its growth and expansion and more and more business related applications are finding their way to the World Wide Web portion of the Internet. The global concept is finally hitting home in the corporate environment and now users are realizing that it is just not a local or regional or even a national resource but a truly global resource! Understanding these facts and combining them with the latest knowledge for web resources (URLs) brings you the latest and greatest information available today!

Just exactly what types of dynamic resource tools for knowledge discovery are available on the Internet and how can they be effectively used? I will create a mini list of important resources for the professional/executive and then list some of the important (must have) World Wide Web sites that can accomplish the goals related to the resource.

**Competitive and Business Intelligence:**

Competitive and Business Intelligence is an extremely important dynamic resource tool for knowledge discovery and the below listed resources offer a number of excellent tools to effectively accomplish your goals as they pertain to competitive intelligence. Understanding the dynamics of the current awareness and happenings of your competition allows you another piece of the ongoing knowledge discovery puzzle.

Business Intelligence Center
http://guides.library.georgetown.edu/profile.php?uid=33114

Business Intelligence Resources
http://www.BIResources.info/

Competitive Intelligence - A Selective Resource Guide
http://www.llrx.com/features/ciguide.htm
Competitive Intelligence Guide
http://www.fuld.com/

Competitive Intelligence Resource Index
http://www.bidigital.com/ci/Software/

Competitive Intelligence Resources
http://CompetitiveIntelligenceResources.BlogSpot.com/

Corporate Information
http://www.corporateinformation.com/

Cybertour – Competitive Intelligence Sites
http://www.infotoday.com/it2001/cybertours/Kassel/

Data Mining Resources
http://www.DataMiningResources.info/

globalEDGE™ Your Source for Global Business Knowledge
http://www.globaledge.msu.edu/

Hoovers Online
http://www.hoovers.com/

PlanetFeedback
http://www.planetfeedback.com/

RocketNews
http://www.rocketnews.com/

Strategic and Competitive Intelligence Professionals
http://www.scip.org/

Text Mining, Web Mining, Information Retrieval and Extraction  WWW References
http://filebox.vt.edu/users/wfan/text_mining.html

Web Data Extractors
http://www.WebDataExtractors.com/
Virtual Reps and ChatterBots:

Virtual Representatives and ChatterBots are just beginning to allow a new “era” in knowledge discovery with customers beginning to feel somewhat comfortable talking to a “computer”. The big question will be how quickly and competently will the customer be served with the questions to their requests! The key here is also keeping the knowledge base and related content current and relevant to the customers request and being sure that all databases are updated so that all divisions and departments will be operating on the same information. This means that the virtual rep and chatterbot must always be in the new information loop and that ongoing new information must be a priority company wide both for its creation and its proper dissemination

AgentLand – Virtual Reps and ChatterBots
http://www.agentland.com/

A.L.I.C.E. AI Foundation
http://www.alicebot.org/

Artificial-Life
http://www.artificial-life.com/
Artificial Solutions
http://www.artificial-solutions.com/

ChatterBots
http://www.ChatterBots.info/

ChatterBox Challenge (CBC)
http://www.chatterboxchallenge.com/

ELIZA
http://www.ai.ijs.si/eliza/eliza.html

H-Bot: Automated Historical Fact Finder
http://chnm.gmu.edu/tools/h-bot/

KiwiLogic
http://www.kiwilogic.de/

OpenCyc - Open Source General KnowledgeBase and Commonsense Reasoning Engine
http://www.cyc.com/cyc/opencyc

Robot-Hosting
http://www.robot-hosting.com/

The Simon Laven Page
http://www.simonlaven.com/
Search Engines, Answer Engines and Subject Trees:

Search engines, answer engines and subject trees on the Internet allow for the partial discovery of current and archival current awareness information. There are literally tens of thousands of search engines and subject trees but a handful represent the best and most competent for the professional/executive:

Academic and Scholar Search Engines and Sources (Search Engines)
http://www.ScholarSearchEngines.com/

Academic Info (Subject Tree)
http://www.academicinfo.net/

AnswerSpot – The Spot for Answers Available From the Internet
http://www.AnswerSpot.us/

Beaucoup! – 2000+ Search Engines, Indices and Directories (Search Engine)
http://www.beaucoup.com/

Directory Resources (Subject Tree)
http://www.DirectoryResources.info/
Dmoz Open Directory Project (Subject Tree)
http://www.dmoz.org/

DogPile Search Engine (Search Engine)
http://www.dogpile.com/

Google (Search Engine)
http://www.google.com

INFOMINE: Scholarly Internet Resource Collections (Subject Tree)
http://infomine.ucr.edu/

Internet Public Library (Subject Tree)
http://www.ipl.org/

Intute (Subject Tree) (Last updated July 2011)
http://www.intute.ac.uk/

Ixquick (Search Engine)
http://www.ixquick.com/

MegaSources (Subject Tree)
http://pages.pathcom.com/~dtudor/megasources.htm

PINAKES – Subject LaunchPad (Subject Tree)
http://www.hw.ac.uk/libwww/irn/pinakes/pinakes.html

Recommended Search Engines (Search Engines)
http://lib.berkeley.edu/TeachingLib/Guides/Internet/SearchEngines.html

SurfWax (Search Engine)
http://www.surfwax.com/

Teoma (Search Engine)
http://www.teoma.com/

Tool Kit for the Expert Web Searcher (Sparsely Maintained Since 2009)
http://wikis.ala.org/lita/index.php/Tool_Kit_for_the_Expert_Web_Searcher

Virtual Reference Library of Toronto Public Library (Subject Tree)
http://www.torontopubliclibrary.ca/vrl/
Yahoo (Search Engine)
http://search.yahoo.com/

Exhibit “C”: Scholarly Internet Resource Collections

KnowledgeBases:

CyCorp
http://www.cyc.com/

Knowledge-Based Collaboration Webs
http://www.stormingmedia.us/91/9152/A915214.html

OpenCyc: The Project
http://www.cyc.com/platform/opencyc
http://sourceforge.net/projects/opencyc/
Knowledge Blogs:

The ability to freely disseminate information and knowledge is rapidly changing and one of the newest methods to transfer knowledge is through the creation of Knowledge Blogs. The word “blog” is derived from web LOG and by closely monitoring your personally selected knowledge blog you will quickly be able to stay current as well as be involved with the latest resources in knowledge discovery.

KMBlog
http://kmwiki.wikispaces.com/

Knowledge Discovery
http://www.KnowledgeDiscovery.info

Weblogs, Journals and RSS
http://www.faganfinder.com/blogs/

Zillman Blog (17,000+ Postings)
http://www.zillman.us
News Groups, Message Boards and Forums

News Groups, Message Boards and Forums are resources that the professional and business executive/entrepreneur can both identify and monitor to maintain currency in their profession and/or business activities. These sources allow you to maintain your current awareness:

1001 Forums – Message Boards and Forums Directory (Message Boards and Forums)
http://www.1001forums.com/

Board Reader (Message Boards)
http://www.boardreader.com/

Delphi Forum (Forums)
http://www.delphiforums.com/

Dmoz.org Open Directory Project – Message Boards Directory (Message Boards)
http://www.dmoz.org/Computers/Internet/On_the_Web/Message_Boards/
Google Groups (Forums)
http://groups.google.com

Newsgroups Quick Start Guide (Usenet News Groups)
http://www.slyck.com/ng.php

Stock Message Boards (Message Boards)
http://www.investorvillage.com/findboard.asp

Usenet Info Center Launch Pad (Usenet News Groups)
http://www.ibiblio.org/usenet-i/home.html

Usenet NewsGroups (Usenet News Groups)
http://en.wikipedia.org/wiki/Newsgroup

Yuku – Social Networks, Forums, Chats (Forums)
http://www.yuku.com/

Exhibit “G”: WikiPedia Usenet News Groups
Sales Management Tools:

Sales management tools allow for the proper coordination, prioritization and implementation of the information resources and goals that are created to accomplish knowledge discovery in your short term and long term strategic plans. An excellent URL is:

http://dmoz.org/Business/Business_Services/Customer_Management/

There are many excellent tools for the professional/executive to help monitor and maintain both the currency of information and resources through monitoring and protecting their company’s intellectual property on the Internet. These tools are designed for very specific applications such as the protection and monitoring of trademarks as an example.

Subject Tracer™ Information Blogs

Subject Tracer™ Information Blogs created and developed by the Virtual Private Library™ combine the best of the latest tools on the Internet. Using bots, blogs and news aggregators the Subject Tracer™ Information blogs generate RSS feeds with the latest resources to create a current information resource flow through niched subject tracers. I am proud to be the creator of the Internet’s first Subject Tracer™ Information Blogs:

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

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
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/

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.info/
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
http://www.zillman.us/

Marcus P. Zillman Abbreviated Bio
http://www.zillman.info/

White Papers by Marcus P. Zillman
http://www.WhitePapers.us/

Internet MiniGuides™
http://www.InternetMiniGuides.com/

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/

Watch Marcus™
http://www.WatchMarcus.com/
Research White Papers, Articles, Lectures and Speeches by Marcus P. Zillman, M.S., A.M.H.A.: 

Academic and Scholar Search Engines and Sources  
http://www.ScholarSearchEngines.com/

Bots, Blogs and News Aggregators  
http://www.BotsBlogs.com/

Business Intelligence Online Resources  
http://www.BIOnlineResources.info/

Cloud Computing Resources Primer  
http://www.zillman.us/white-papers/grid-distributed-and-cloud-computing-resources-primer/

Current Awareness Discovery Tools on the Internet  

Deep Web Research and Discovery Resources 2015 Article - LLRX and Online White Paper  
http://zillman.blogspot.com/2015/01/llrx-deep-web-research-and-discovery.html  
http://DeepWeb.us/

eMarketing MiniGuide 2015  
http://www.eMarketingMiniGuide.com/

eReference Library Link Toolkit  
http://www.eReferenceLibrary.com/

Finding Experts By Using the Internet  
http://www.FindingExperts.info/

Finding People Resources and Sites  
http://www.FindingPeople.info/

Healthcare Bots and Subject Directories  
http://www.HealthcareBots.info/
**Internet Speaking by Marcus P. Zillman, M.S., A.M.H.A.**
[http://www.InternetSpeaker.net](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.**
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**
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**
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**
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 340 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.
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, ecommerce, financial sources, invisible and deep web resources, social and business networking sources along with new economy competitive and business intelligence resources and an extremely comprehensive listing of new economy online tools.