

Tools for Online Knowledge Discovery

By

Marcus P. Zillman, M.S., A.M.H.A.
Executive Director – Virtual Private Library
zillman@virtualprivatelibrary.com

This July 2011 column **Tools for Online Knowledge Discovery** is a comprehensive list of resources, sites and tools that give you the latest and most important information concerning online tools for knowledge discovery available over the Internet including related and associated resources and sites.

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 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://www.library.georgetown.edu/bic/>

1



July 2011 Column – Tools for Online Knowledge Discovery

<http://www.zillmancolumns.com/>
zillman@VirtualPrivateLibrary.com

eVoice: (800) 858-1462
© 2011 Marcus P. Zillman, M.S., A.M.H.A.

Business Intelligence Resources

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

Business Intelligence Site

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

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/>

Economic and Competitive Intelligence

<http://www.loyola.edu/dept/politics/ecintel.html#intprop>

globalEDGE™ Your Source for Global Business Knowledge

<http://www.globaledge.msu.edu/index.asp>

Google™ Business Intelligence

http://directory.google.com/Top/Reference/Knowledge_Management/Information_Assets/Business_Intelligence/

Google™ News Groups (Usenet)

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



Hoovers Online

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

PlanetFeedback

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

RocketNews

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

Society 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

Wed Data Extractors

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

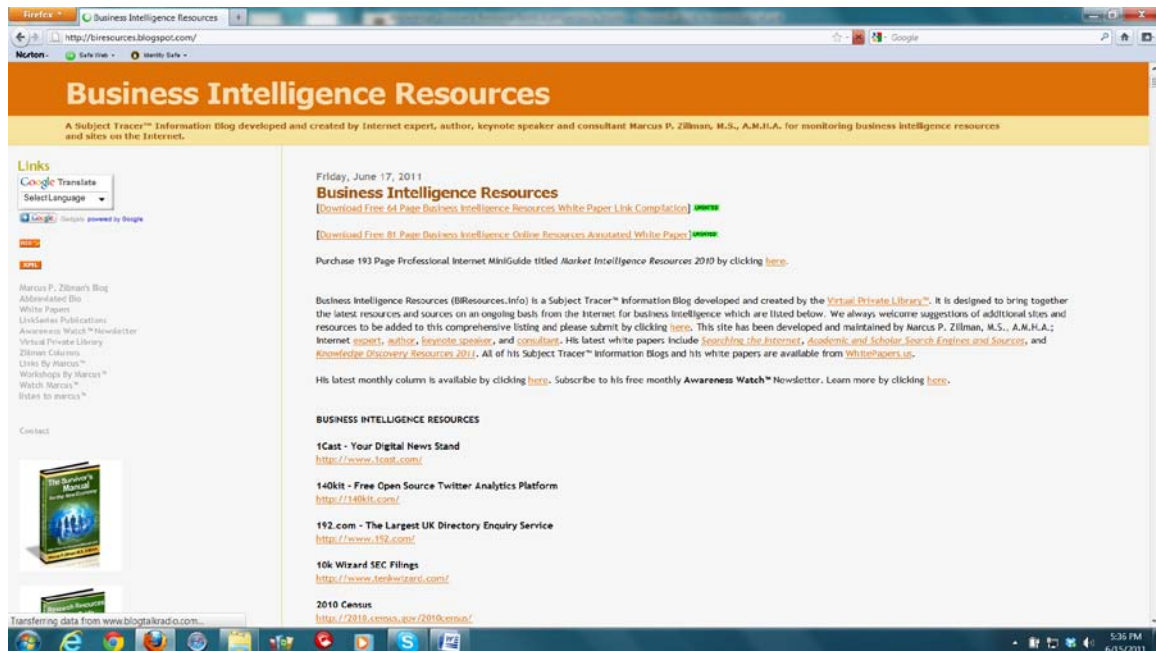


Exhibit "A": Business Intelligence Resources Example

3



July 2011 Column – Tools for Online Knowledge Discovery

<http://www.zillmancolumns.com/>
zillman@VirtualPrivateLibrary.com

eVoice: (800) 858-1462

© 2011 Marcus P. Zillman, M.S., A.M.H.A.

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 customer’s 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/>

BotSpot® - ChatterBots

http://www.botspot.com/BOTSPOT/Windows/Artificial_Life_Bots/Chatterbots/

ChatterBots

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

ELIZA

<http://www-ai.ijs.si/eliza/eliza.html>

Google Directory – ChatterBots

http://directory.google.com/Top/Computers/Artificial_Intelligence/Natural_Language/Chatterbots/

KiwiLogic

<http://www.kiwilogic.de/>



The Simon Laven Page
<http://www.simonlaven.com/>

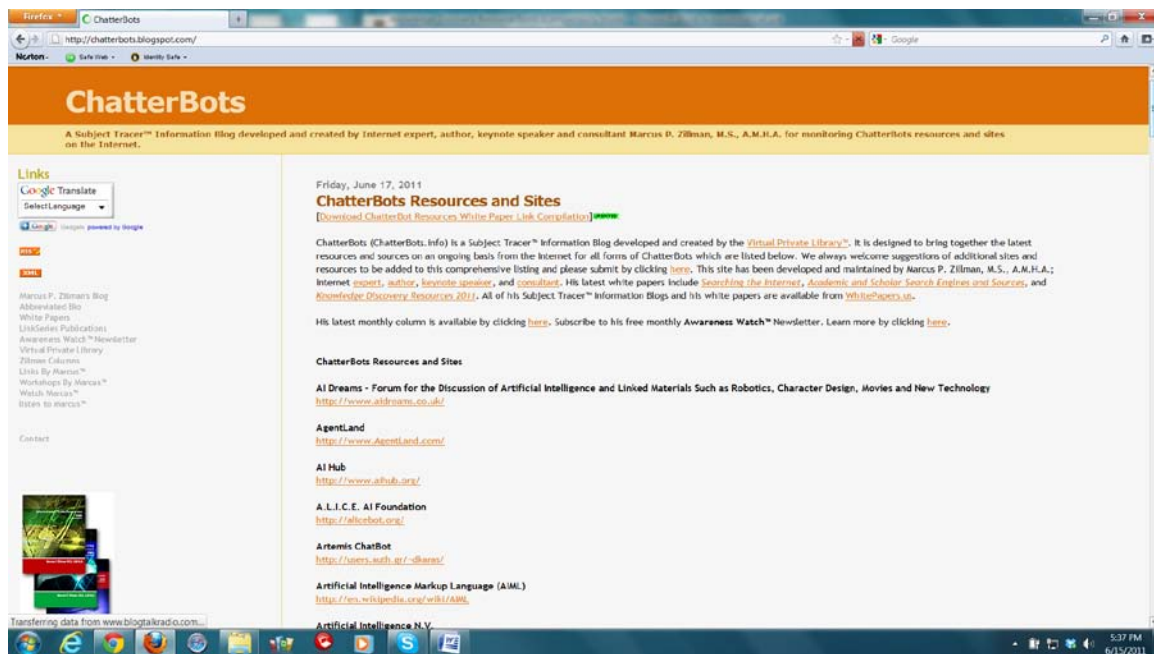


Exhibit “B”: ChatterBots Example

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/>

All the Web (Search Engine)
<http://www.alltheweb.com/>

5



July 2011 Column – Tools for Online Knowledge Discovery

<http://www.zillmancolumns.com/>
zillman@VirtualPrivateLibrary.com

eVoice: (800) 858-1462
© 2011 Marcus P. Zillman, M.S., A.M.H.A.

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/>

BUBL/5:15 Catalogue of Selected Internet Resources (Subject Tree)
<http://bubl.ac.uk/link/>

Directory Resources (Subject Tree)
<http://www.DirectoryResources.info/>

Direct Search (Databases)
<http://www.freepint.com/gary/direct.htm>

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/>

InQuira (Answer Engine)
<http://www.inquiracom/>

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

Intute (Subject Tree)
<http://www.intute.ac.uk/>

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



Librarians' Index to the Internet (Subject Tree)

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

MegaSources (Subject Tree)

<http://www.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>

SearchMash (Search Engine)

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

Subject Guide to the Internet (Subject Tree)

http://vrl.tpl.toronto.on.ca/internet/01net_f.html

SurfWax (Search Engine)

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

Teoma (Search Engine)

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

Tool Kit for the Expert Web Searcher

<http://www.lita.org/committe/toptech/toolkit.htm>

Yahoo (Subject Tree)

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





Exhibit “C”: Scholarly Internet Resource Collections

Cased-Based Reasoning (CBR) in eCommerce:

Cased based reasoning solves new problems by using or adapting solutions that were used to solve old problems. Another excellent tool for the knowledge discovery resource utilization:

Cased-Based Reasoning - The ai-cbr Homepage

<http://www.ai-cbr.org/index01.html>

CBR Software Vendors, Consultants and Academic Software

<http://www.ai-cbr.org/tools.html>



July 2011 Column – Tools for Online Knowledge Discovery

<http://www.zillmancolumns.com/>
zillman@VirtualPrivateLibrary.com

eVoice: (800) 858-1462

© 2011 Marcus P. Zillman, M.S., A.M.H.A.

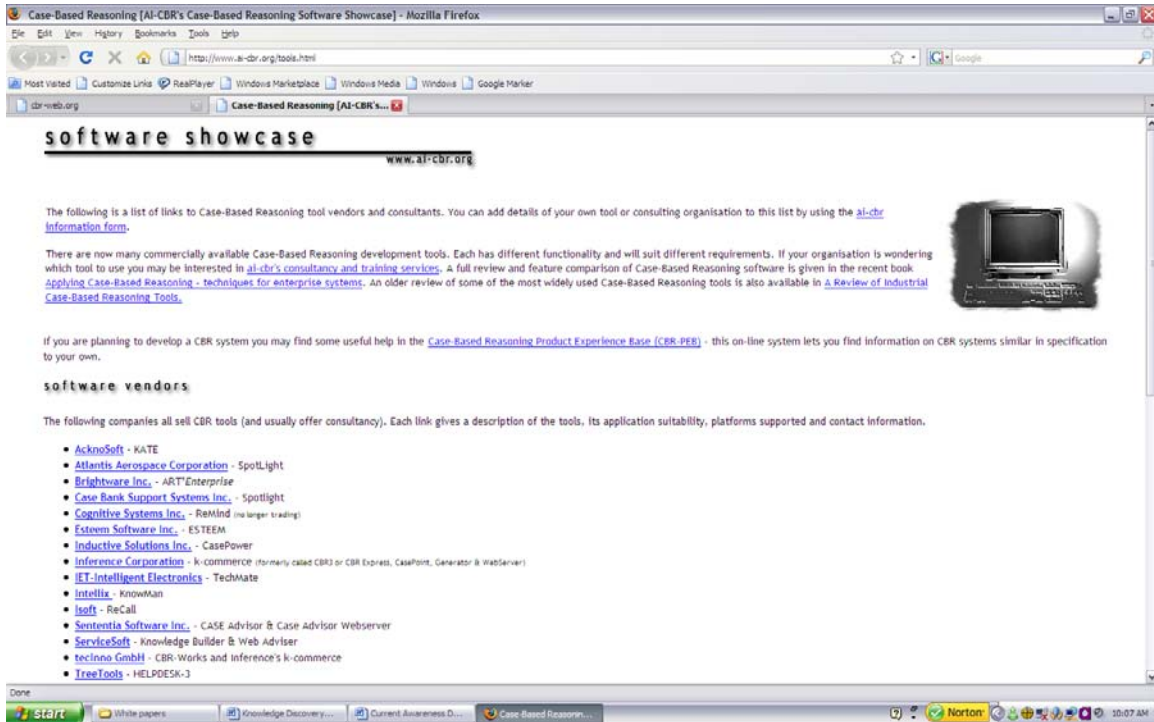


Exhibit "D": Cased Based Reasoning Example

KnowledgeBases:

CyCorp

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

Knowledge-Based Collaboration Webs

<http://www.stormingmedia.us/91/9152/A915214.html>

Mindpixel Digital Mind Modeling Project

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

OpenCyc: The Project

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

<http://sourceforge.net/projects/opencyc/>

9



July 2011 Column – Tools for Online Knowledge Discovery

<http://www.zillmancolumns.com/>
zillman@VirtualPrivateLibrary.com

eVoice: (800) 858-1462
 © 2011 Marcus P. Zillman, M.S., A.M.H.A.

OpenMind

<http://www.openmind.org/index.shtml>

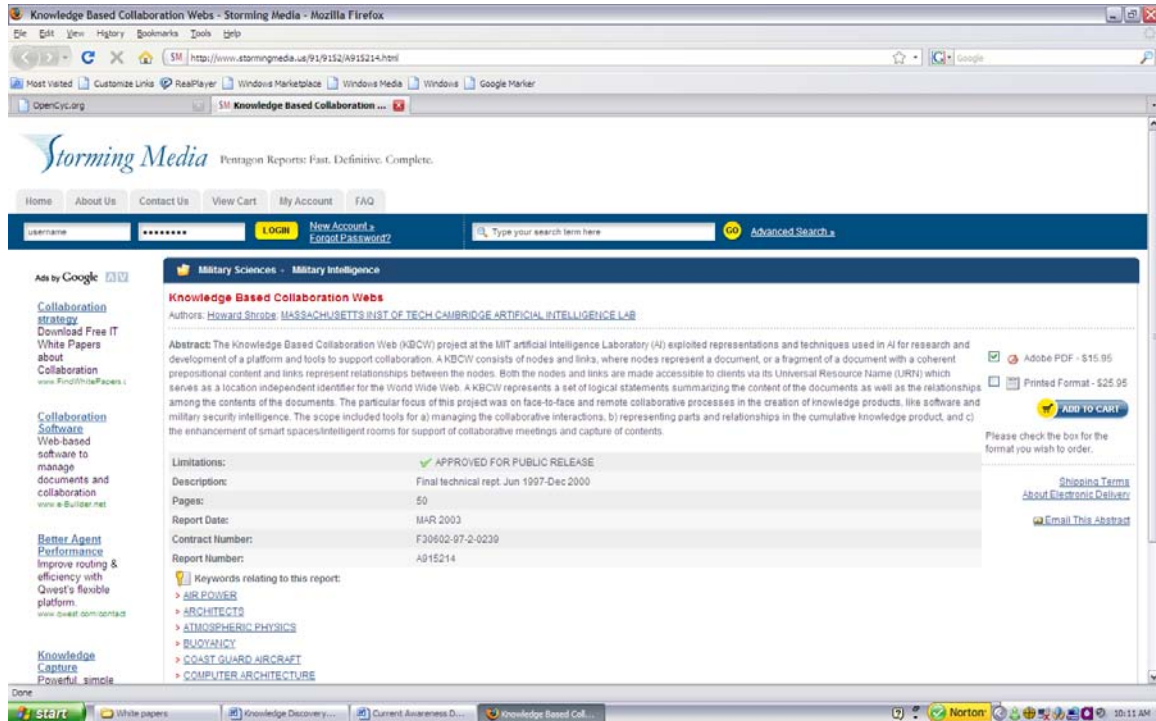


Exhibit "E": KnowledgeBases Example

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.

KMBlogger

<http://kmwiki.wikispaces.com/>

Knowledge Discovery

<http://www.KnowledgeDiscovery.info>



July 2011 Column – Tools for Online Knowledge Discovery

<http://www.zillmancolumns.com/>
zillman@VirtualPrivateLibrary.com

eVoice: (800) 858-1462
© 2011 Marcus P. Zillman, M.S., A.M.H.A.

Weblogs, Journals and RSS

<http://www.faganfinder.com/blogs/>

Zillman Blog

<http://www.zillman.us>

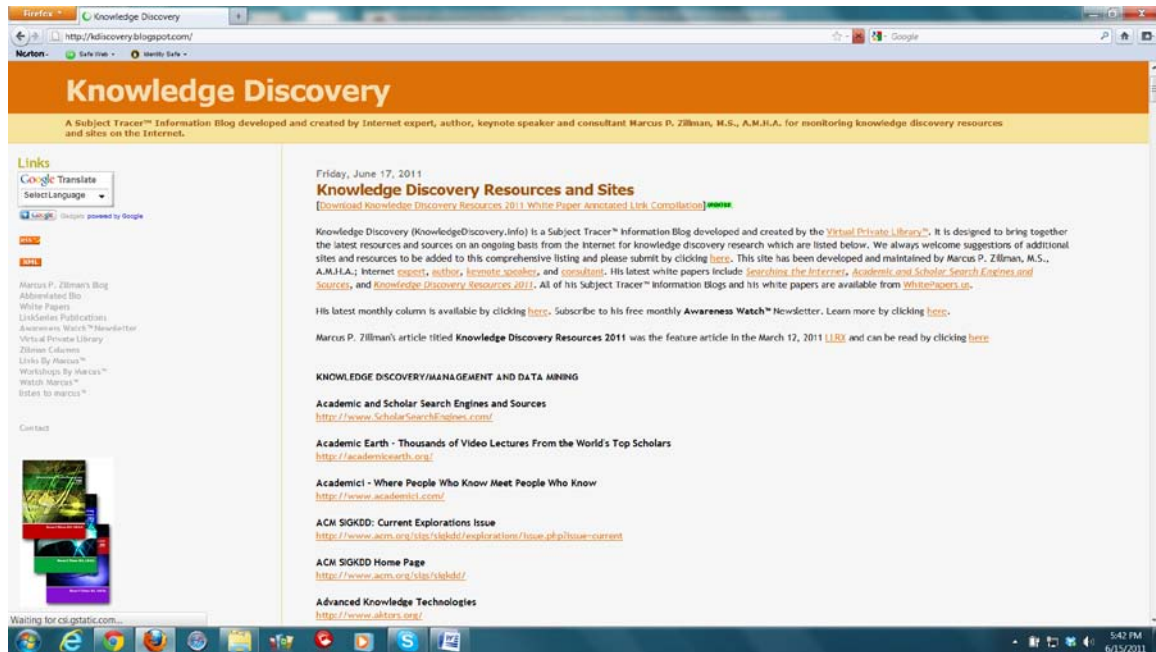


Exhibit “F”: Knowledge Discovery Example

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/>



July 2011 Column – Tools for Online Knowledge Discovery

<http://www.zillmancolumns.com/>
zillman@VirtualPrivateLibrary.com

eVoice: (800) 858-1462
© 2011 Marcus P. Zillman, M.S., A.M.H.A.

Big Boards (Message Boards)

<http://www.big-boards.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 (News Groups)

<http://groups.google.com>

Google™ Directory - Computers > Internet > On the Web > Message Boards (Message Boards)

http://www.google.com/Top/Computers/Internet/On_the_Web/Message_Boards/

Google™ Directory of Web Based Usenet News Groups (Usenet News Groups)

http://directory.google.com/Top/Computers/Usenet/Web_Based/

Jayde B2B Search Engine – Message Boards Directory (Message Boards)

http://directory.jayde.com/internet_message_boards.html

NewsGroups.com (Usenet News Groups)

<http://www.NewsGroups.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>



Yahoo Message Boards (Message Boards)

<http://messages.yahoo.com/index.html>

Yuku – Social Networks, Forums, Chats (Forums)

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

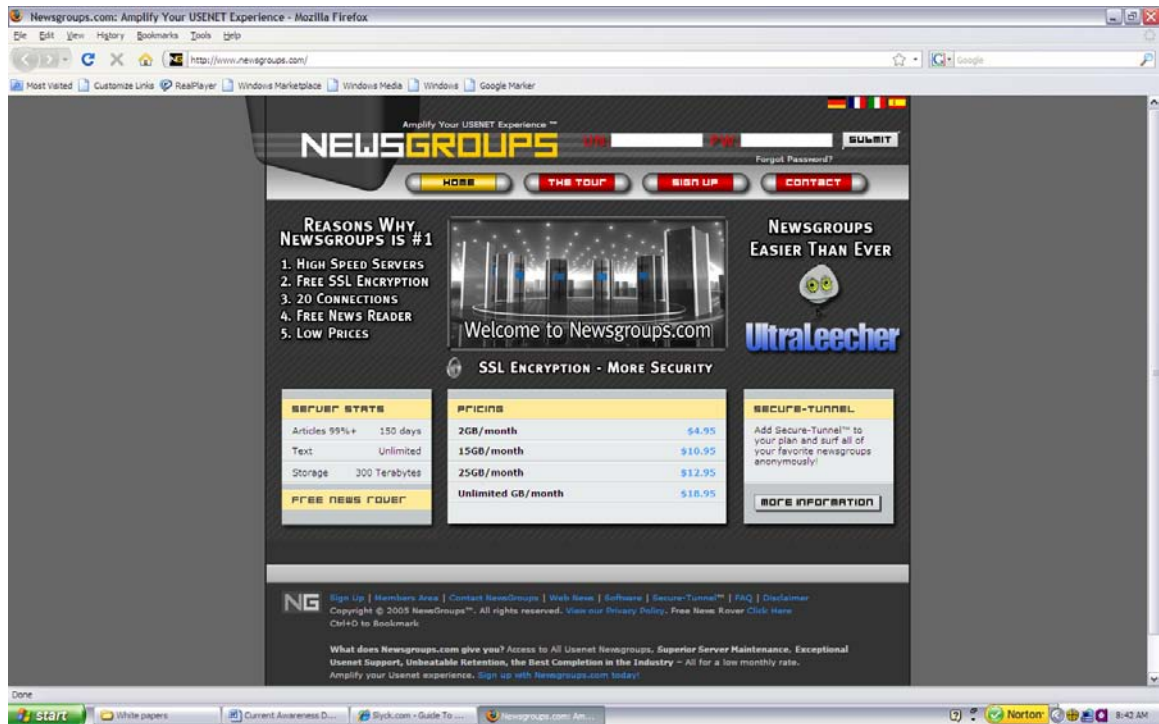


Exhibit “G”: NewsGroups.com Usenet News Groups

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:

13



July 2011 Column – Tools for Online Knowledge Discovery

<http://www.zillmancolumns.com/>
zillman@VirtualPrivateLibrary.com

eVoice: (800) 858-1462
© 2011 Marcus P. Zillman, M.S., A.M.H.A.

Dmoz.org - Open Directory - Business: Business Services: Customer Management
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/>

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.InformationFutureMarkets.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.WcriptResources.info/>

ShoppingBots

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



Social Informatics

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

Statistics Resources

<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/>

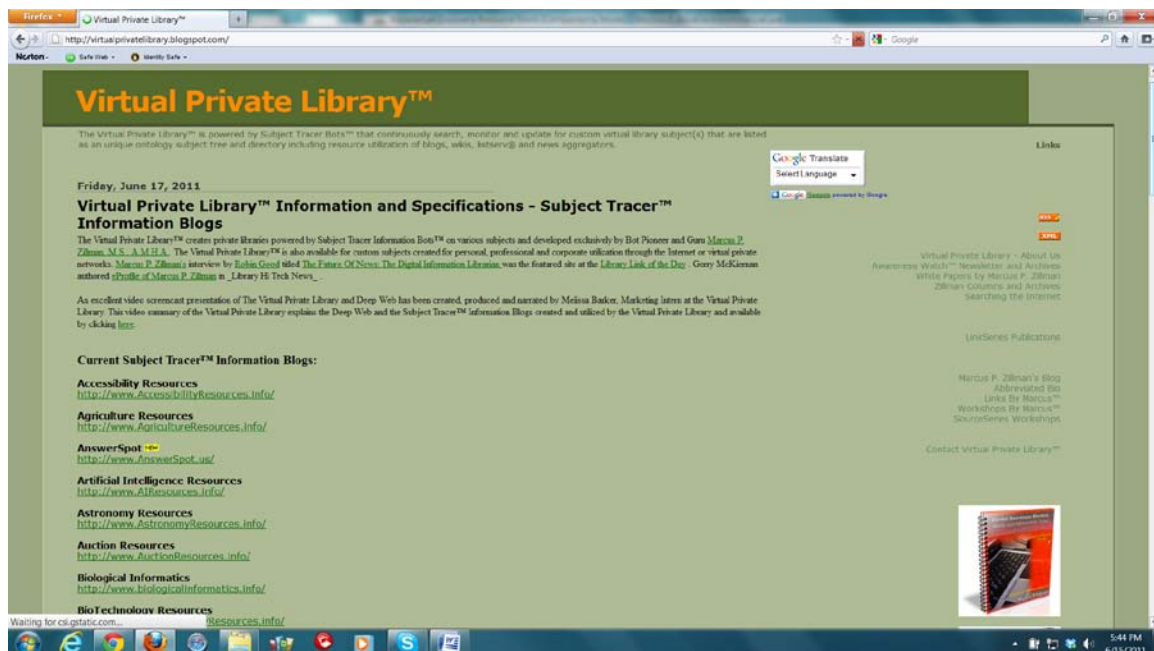


Exhibit "H": Virtual Private Library™



July 2011 Column – Tools for Online Knowledge Discovery

<http://www.zillmancolumns.com/>
zillman@VirtualPrivateLibrary.com

eVoice: (800) 858-1462

© 2011 Marcus P. Zillman, M.S., A.M.H.A.

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 53 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.InternetMiniguide.com/>

Awareness Watch™ Newsletter

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

Marcus P. Zillman's Columns

<http://www.ZillmanColumns.com>

LinkSeries Publications

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

Internet Sources™ Manual

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

Links By Marcus™

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

19



July 2011 Column – Tools for Online Knowledge Discovery

<http://www.zillmancolumns.com/>
zillman@VirtualPrivateLibrary.com

eVoice: (800) 858-1462
© 2011 Marcus P. Zillman, M.S., A.M.H.A.

Workshops By Marcus™
<http://www.WorkshopsByMarcus.com/>

SourceSeries Internet Research Workshops
<http://www.SourceSeries.com/>

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.:**

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.BIOneResources.info/>

Cloud Computing Resources Primer
<http://zillman.blogspot.com/2011/05/grid-distributed-and-cloud-computing.html>

Current Awareness Discovery Tools on the Internet
<http://zillman.blogspot.com/2009/08/current-awareness-discovery-tools-on.html>

Deep Web Research 2011 Article - LLRX and Online White Paper
<http://zillman.blogspot.com/2011/02/llrx-february-2011-issue-deep-web.html>
<http://DeepWeb.us/>

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/>

Knowledge Discovery Resources 2011

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

Online Research Browsers

<http://zillman.blogspot.com/2009/08/online-research-browsers.html>

Online Research Tools

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

Online Social Networking

<http://zillman.blogspot.com/2009/08/online-social-networking.html>

Searching the Internet

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

Using the Internet As a Dynamic Resource Tool for Knowledge Discovery

<http://zillman.blogspot.com/2009/08/using-internet-as-dynamic-resource-tool.html>

Web Data Extractors

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

Web Guide for the New Economy

<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 for 2010

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

Marcus P. Zillman's latest report Current Awareness Monitors, Alerts and Information Traps for 2010 is now 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 2010

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

Marcus P. Zillman's just released professional Internet MiniGuide is titled Market Intelligence Resources 2010 and is now 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 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.

<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, 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.

