

Semantic Web Research Resources

By

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Semantic Web Research Resources is a comprehensive listing of semantic web research resources, sources and sites on the World Wide Web and is the **May 2005 Zillman Column**. Many have stated that the semantic web is the future of the Internet and the way that the world wide web will be organized, searched and applied in the near future. The below resources will allow you to discovery the latest knowledge about the subject as well as learn what is happening now that will affect the way that you utilize this phenomenal resource we call the Internet! The below list of resources is taken from a section of my Subject Tracer™ Information Blog titled Deep Web Research and is constantly updated with Subject Tracer™ bots at the following URL:

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

These resources and sources will help you to discover the many pathways available to you through the Internet to find the latest resources and sites for semantic web research and applications on the World Wide Web.

Semantic Web Research Resources

AIS SIGSEMIS - SIGSEMIS: Semantic Web and Information Systems

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

Analyzing Social Networks on the Semantic Web

<http://snipurl.com/cbdq>

Bibster

<http://bibster.semanticweb.org/index.htm>

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<http://www.zillmancolumns.com/>
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Combining RDF and OWL with SOAP for Semantic Web
<http://www.ida.liu.se/~yuxzh/doc/ncws-041002.pdf>

DARPA Agent Markup Language
<http://www.daml.org/>

DERI International - Digital Enterprise Research Institute
<http://www.deri.org/>

Digital Object Identifier (DOI)
<http://www.doi.org/>

Dublin Core Services
<http://www.describethis.com/>

Fabl - A Native Programming Language for the Semantic Web
<http://fabl.net/>

Foundation for Intelligent Physical Agents (FIPA)
<http://www.fipa.org/>

The FOAF Project - A Semantic Web Application
<http://www.foaf-project.org/>

HP Labs Semantic Web Research
<http://www.hpl.hp.com/semweb/index.html>

Infomesh's Semantic Web Introduction
<http://infomesh.net/2001/swintro/>

Jena – A Semantic Web Framework for Java
<http://jena.sourceforge.net/>

Journal of Web Semantics: Preprint Server
<http://www.websemanticsjournal.org/>

KnowledgeNets
<http://www.inf.fu-berlin.de/inst/ag-nbi/research/wissensnetze/>

Knowledge Sifter: Agent-Based Ontology-Driven Search over Heterogeneous Databases Using Semantic Web Services

http://eceb.gmu.edu/pubs/Kerschberg_KS_IFIP0604.pdf

Language Engineering for the Semantic Web: A Digital Library for Endangered Languages

<http://informationr.net/ir/9-3/paper176.html>

Magpie - The Samatic Filter and Tool For the Semantic Web

<http://kmi.open.ac.uk/projects/magpie/main.html>

MetaData at W3C

<http://www.w3.org/Metadata/>

Metadata FAQ - Metadata for Education

<http://www.cetis.ac.uk/metadafaq/FrontPage>

MindRaider - Semantic Web Outliner

<http://mindraider.sourceforge.net/>

MindSwap

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

MuseoSuomi

<http://museosuomi.cs.helsinki.fi/>

OASIS - Advancing eBusiness Standards

<http://www.oasis-open.org/home/index.php>

OIL - Ontology Inference Layer

<http://www.ontoknowledge.org/oil/index.shtml>

OntoWeb Portal

<http://ontoweb.ontoware.org/>

O'Reilly's Semantic Web Primer

<http://www.xml.com/pub/a/2000/11/01/semanticweb/>

Potential Advantages Of Semantic Web For Internet Commerce by Yuxiao Zhao and Kristian Sandahl

<http://www.ida.liu.se/~yuxzh/doc/iceis-030120.pdf>



pOWL - Semantic Web Development Plattform

<http://powl.sourceforge.net/>

Practical Semantic Analysis of Web Sites and Documents

<http://www.www2004.org/proceedings/docs/1p685.pdf>

RDF - Resource Description Framework

<http://www.w3.org/RDF/>

RDFWeb: Friend of a Friend (FOAF) Project

<http://rdfweb.org/>

Rules and Rule Markup Languages for the Semantic Web - RuleML-2003

<http://www.informatik.uni-trier.de/~ley/db/conf/semweb/ruleml2003.html>

Science and the Semantic Web

<http://www.mindswap.org/Science/>

Semantic Blogging: Spreading the Semantic Web Meme

<http://snipurl.com/66yj>

Semantic Email by Luke McDowell, Oren Etzioni, Alon Halevy, and Henry Levy

<http://www.cs.usna.edu/~lmcowel/>

Semantic Indexing

http://www.nitle.org/semantic_search.php

Semantic Interoperability of Metadata and Information in unLike Environments (SIMILE)

<http://simile.mit.edu/>

Semantic Knowledge Technologies and Language Computation

<http://gate.ac.uk/projects/sekt/>

Semantic Markup Deconstructed Example

<http://www.cs.umd.edu/users/handler/sciam/walkthru.html>

Semantic Planet Weblog

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



Semantic Routing BOF

<http://www.neurogrid.net/SemanticRouting/SemanticRoutingBOF.htm>

Semantic Translator for Enhanced Retrieval by the Bremen University

<http://www.semantic-translation.de/>

SemanticWeb.org - The Semantic Web Community Portal

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

Semantic Web Activity Statement

<http://www.w3.org/2001/sw/Activity.html>

Semantic Web Application Platform - SWAP

<http://www.w3.org/2000/10/swap/>

Semantic Web Business SIG

<http://business.semanticweb.org/>

Semantic Web for AURIS-MM

<http://derpi.tuwien.ac.at/~andrei/AURIS-MM-plan.html>

Semantic Web Laboratory

http://iit-iti.nrc-cnrc.gc.ca/projects-projets/sem-web-lab-web-sem_e.html

Semantic Web Publications

<http://www.w3.org/2001/sw/#pub>

Semantic Web Research Forum

<http://snipurl.com/6or0>

Semantic Web Roadmap

<http://www.w3.org/DesignIssues/Semantic.html>

Semantic Web W3C

<http://www.w3.org/2001/sw/>

SemText - Semantic Hypertext - Making Latent Semantics Blatant

<http://semtext.org/mambo/index.php>

SIG SEMIS Semantic Web and Information Systems

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



SOAPAgent - An Open SOAP Directory

<http://soapagent.com/>

SourceForge.net: Project Info - OWL API

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

Swoogle - Semantic Bot

<http://swoogle.umbc.edu/>

SWRL: A Semantic Web Rule Language Combining OWL and RuleML

<http://www.daml.org/2003/11/swrl/>

TAP - Building the Semantic Web

<http://tap.stanford.edu/tap/>

Technology Review: Sir Tim Berners-Lee - The Semantic Web

<http://www.technologyreview.com/articles/04/10/frauenfelder1004.asp>

The Cover Pages

<http://xml.coverpages.org/>

The Foundation for Semantic Interoperability on the WWW

<http://talad.sis.pitt.edu/marut/soa/>

The ontoprise® GmbH

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

The RDF Query Language (RQL)

<http://139.91.183.30:9090/RDF/RQL/>

The Semantic Grid

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

The Semantic Social Network bt Stephen Downes

<http://www.downes.ca/cgi-bin/website/view.cgi?dbs=Article&key=1076791198>

The Semantic Web: An Introduction

<http://infomesh.net/2001/swintro/>

The Semantic Web By Tim Berners-Lee, James Hendler and Ora Lassila

<http://snipurl.com/297g>



The Semantic Web In Breadth

<http://logicerror.com/semanticWeb-long>

The Semantic Web Is Your Friend

<http://www.freepint.com/issues/270504.htm#feature>

Transforming and Enriching Documents for the Semantic Web by Dietmar Roesner, Manuela Kunze, Sylke Kroetzsch

<http://arxiv.org/abs/cs.AI/0501096>

UDDI - Universal Description, Discovery, and Integration

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

Web Semantics: Science, Services and Agents on the World Wide Web

<http://www.sciencedirect.com/science/journal/15708268>

Web Service Modeling Ontology

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

WonderWeb

<http://wonderweb.man.ac.uk/owl/>

XML.com: Semantic Web

http://www.xml.com/pub/rg/Semantic_Web

XML.org

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

Yahoo Groups - SemanticWeb

<http://groups.yahoo.com/group/semanticweb/>

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/>

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/>

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/>

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/>

Grid 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/>

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

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

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



Internet Hoaxes

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

Knowledge Discovery

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

Military Resources

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

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/>

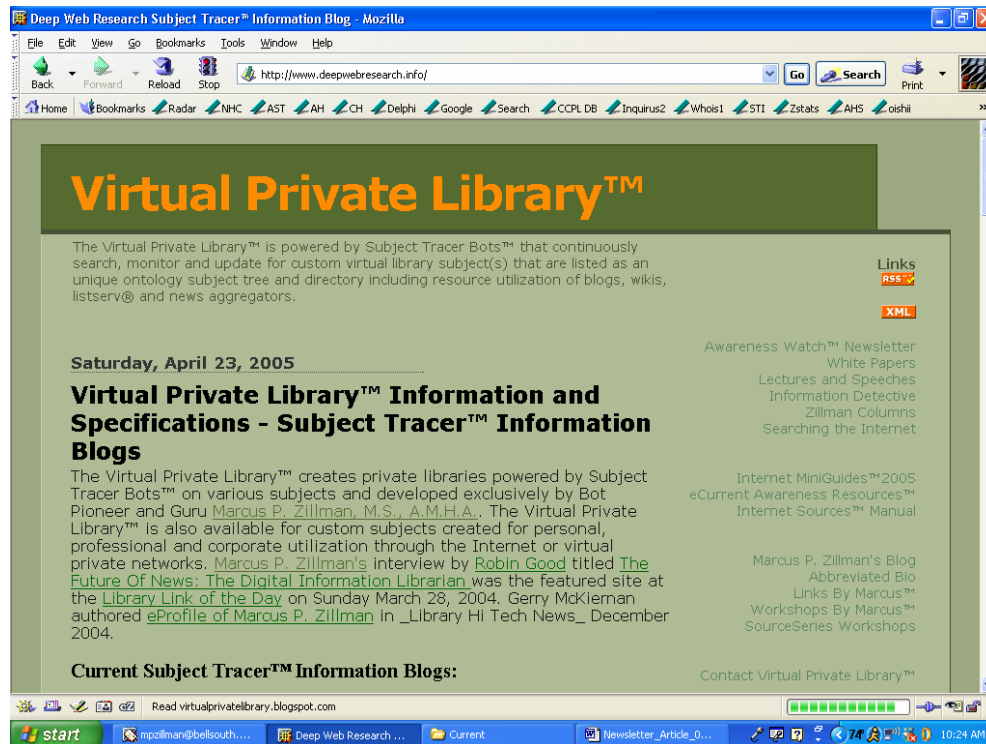


Figure 2 Virtual Private Library™

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 43 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.

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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://marcuszillman.blogspot.com/>

White Papers by Marcus P. Zillman

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

Internet MiniGuides™ 2005

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

Awareness Watch™ Newsletter

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

Marcus P. Zillman's Columns

<http://www.ZillmanColumns.com>

eCurrent Awareness Resources™ 2005 Business Intelligence Report

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

Internet Sources™ Manual

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

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/>

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://zillman.blogspot.com/2004/12/academic-and-scholar-search-engines.html>

Bots, Blogs and News Aggregators

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

Current Awareness Discovery Tools on the Internet

<http://zillman.blogspot.com/2004/09/current-awareness-discovery-tools-on.html>

Deep Web Research 2005 Article - LLRX

<http://zillman.blogspot.com/2004/09/deep-web-research-llrx-featured.html>

Information Detective – Online Streaming Tutorial Videos

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

Knowledge Discovery Resources 2005

<http://zillman.blogspot.com/2005/03/knowledge-discovery-resources-2005.html>

Lectures and Speeches by Marcus P. Zillman, M.S., A.M.H.A.

<http://snipurl.com/57jp>

Online Research Browsers

<http://zillman.blogspot.com/2004/10/online-research-browsers-internet.html>

Online Research Tools

<http://zillman.blogspot.com/2004/09/online-research-tools.html>

Online Social Networking

<http://zillman.blogspot.com/2004/09/online-social-networking-internet.html>

Searching the Internet

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

Using the Internet As a Dynamic Resource Tool for Knowledge Discovery

<http://zillman.blogspot.com/2004/09/using-internet-as-dynamic-resource.html>

Web Data Extractors

<http://zillman.blogspot.com/2004/09/web-data-extractors.html>



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!

Marcus P. Zillman's latest 378 page manual **Internet Sources™** is now available for purchase online and for immediate download. This book makes a great reference resource for the "newbie" to the Internet as well as the seasoned veteran "Internaut". Visit the following site for additional information and online ordering fulfillment:

Internet Sources™ Manual
<http://www.InternetSources.info>

Marcus P. Zillman's latest report eCurrent Awareness Resources 2005 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. Visit the following site for additional information and online ordering fulfillment:

eCurrent Awareness Resources 2005
<http://www.ecurrentAwareness.com/>

