

Semantic Web Research Resources

By

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This April 2011 column **Semantic Web Research Resources** is a comprehensive list of resources and sites that give you the latest and most important information concerning semantic web research available over the Internet including related and associated resources and sites. The below list is taken from a section of the Subject Tracer™ Information Blog that I created for the Virtual Private Library and is constantly updated at the following URL:

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

These resources will keep you current and up to date with the latest resources, sites and happenings concerning artificial intelligence resources on the Internet. With IBM's Watson displaying its extremely competent artificial intelligence capabilities during the Jeopardy Challenge in February 2011, the world is preparing for some very detailed knowledge revolutions in a number of fields including healthcare!

Semantic Web Research Resources:

4Store - An Efficient, Scalable and Stable RDF Database

<http://4store.org/>

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>

DARPA Agent Markup Language

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

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DBin Project - Semantic Web P2P and/or Semantic Newsgroup Client.

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

DERI International - Digital Enterprise Research Institute

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

Digital Object Identifier (DOI)

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

Fabl - A Native Programming Language for the Semantic Web

<http://fabl.net/>

FOAF Project - A Semantic Web Application

<http://www.foaf-project.org/>

Foundation for Intelligent Physical Agents (FIPA)

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

GistWeb - Gist of Any Web Page Actual Content

<http://gistweb.com/>

Go3R - Knowledge Based Semantic Search Engine To Avoid Animal Experiments

<http://www.go3r.org/>

GoodRelations Vocabulary - Semantic Web Based eCommerce

<http://www.heppnetz.de/projects/goodrelations/>

Great Summary - End Information Overload

<http://greatsummary.com/>

hakia - Search for Meaning

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

HP Labs Semantic Web Research

<http://www.hpl.hp.com/semweb/index.html>

Infomesh's Semantic Web Introduction

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



International Journal of Metadata, Semantics and Ontologies (IJMSO)

<http://www.inderscience.com/browse/index.php?journalCODE=ijmso>

International Journal on Semantic Web and Information Systems (IJSWIS)

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

Jena – A Semantic Web Framework for Java

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

Journal of Biomedical Semantics

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

Journal of Web Semantics

<http://www.elsevier.com/locate/websem>

Journal of Web Semantics: Preprint Server

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

Knowledge Discovery

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

KnowledgeNets

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

Knowledge Search

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

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

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

Linked Open Data from the New York Times

<http://data.nytimes.com/>

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/>



MindRaider - Semantic Web Outliner

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

MindSwap

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

MuseoSuomi

<http://www.museosuomi.fi/>

OASIS - Advancing eBusiness Standards

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

Ontologies for Education (O4E)

<http://o4e.iiscs.wssu.edu/drupal/>

Ontology Matching

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

Ontology Metadata Vocabulary (OMV)

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

OntoWare

<http://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://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.7.9111>

pOWL - Semantic Web Development Plattform

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

Practical Semantic Analysis of Web Sites and Documents

<http://citeseer.ist.psu.edu/despeyroux04practical.html>

RDF Context Tools

<http://www.dbin.org/RDFContextTools.php>



RDF - Resource Description Framework

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

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/>

SemanticDeskTop.org

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

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

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

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/hendler/sciam/walkthru.html>

Semantic Routing BOF

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

Semantic Translator for Enhanced Retrieval by the Bremen University (BUSTER)

<http://www.informatik.uni-bremen.de/agki/www/buster/new/application.html>

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 for AURIS-MM

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

Semantic Web Laboratory

http://iit-iti.nrc-cnrc.gc.ca/business-affaire/sem-web-lab_e.html

Semantic Web Primer for Object-Oriented Software Developers

<http://www.w3.org/TR/2006/NOTE-sw-oosd-primer-20060309/>

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

Semantic Web Publications

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

Semantic Web Roadmap

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

Semantic Web Services Challenge

<http://www.sws-challenge.org/>

Semantic Web - The Voice of Semantic Web Technology

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

Semantic Web W3C

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

SenseBot - Semantic Search Engine That Finds Sense On the Web

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

SIG SEMIS Semantic Web and Information Systems

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

SIMILE Project - Semantic Interoperability of Metadata and Information in unLike Environments

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

Sindice - The Semantic Web Index

<http://sindice.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/>

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 Memetic Web

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

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 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 Indexing Project - Creating Tools To Identify the Latent Knowledge Found in Text

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



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>

Twine - A Semantic Web Application That Allows You To Share, Organize, and Find Information

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

uClassify - Free Text Classified Web Service

<http://uclassify.com/>

UDDI - Universal Description, Discovery, and Integration

<http://uddi.xml.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/>

Wilbur Toolkit for Semantic Web Programming

<http://wilbur-rdf.sourceforge.net/>

World Wide Web Reference

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

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/>

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/>

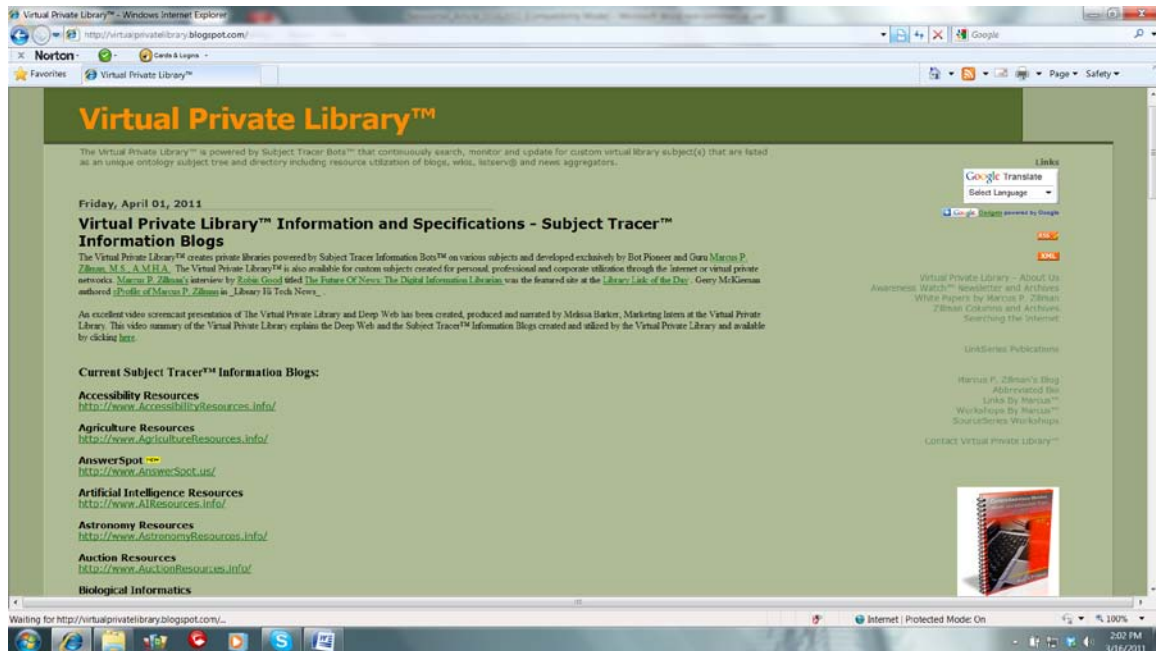


Figure 1: Virtual Private Library™

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 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.:



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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/>

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.BIOnlineResources.info/>

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.WebDataExtractors.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, f) Business Intelligence Resources, g) Reference Resources, and h) 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.

