

# Awareness Watch™ Newsletter

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

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

V4N11

November 2006

Welcome to the V4N11 November 2006 issue of the **Awareness Watch™ Newsletter**. This newsletter is available as a complimentary subscription and will be issued monthly. Each newsletter will feature the following:

**Awareness Watch™ Featured Report**

**Awareness Watch™ Spotters**

**Awareness Watch™ Book/Paper/Article Review**

**Subject Tracer™ Information Blogs**

I am always open to feedback from readers so please feel free to email with all suggestions, reviews and new resources that you feel would be appropriate for inclusion in an upcoming issue of Awareness Watch™. This is an ongoing work of creativity and you will be observing constant changes, constant updates knowing that “change” is the only thing that will remain constant!!

## **Awareness Watch™ Featured Report**

This month's featured report will be highlighting **Biological Informatics Resources** on the Internet. These resources are constantly updated on the Biological Informatics Subject Tracer™ Information Blog available at the following URL:

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

Finding the appropriate and timely biological informatics on the Internet is one of the most important tasks a medical/biology and related researcher and or lay person can accomplish and this November 2006 Awareness Watch Featured Report list many of these free and fee based resources for biological informatics resources and sources available on the Internet. These resources are constantly being updated so it would be wise to bookmark the above identified URL and return on a regular basis.



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This **Awareness Watch Featured Report** on **Biological Informatics** is divided into the following sections:

## **BIOLOGICAL INFORMATICS**

### **HEALTH INFORMATICS (Medical Informatics)**

### **NEUROINFORMATICS (NI)**

### **BIODIVERSITY INFORMATICS (BDI)**

### **BIOMOLECULAR INFORMATICS (BioInformatics)**

## **BIOLOGICAL INFORMATICS**

### **Acronyms Related to Biological Informatics and Biodiversity**

[http://www.iabin-us.org/glossary\\_acronyms/gloss\\_acronym\\_index.html](http://www.iabin-us.org/glossary_acronyms/gloss_acronym_index.html)

### **BEN**

<http://www.biosciednet.org/portal>

### **Biocomplexity Thesaurus**

<http://thesaurus.nbii.gov/>

### **BioEd Online - Biology Teacher Resources from Baylor College of Medicine**

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

### **BioethicsWeb**

<http://bioethicsweb.ac.uk/>

### **Biohealthmatics.com - The Biomedical Informatics Career Portal**

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

### **Bioinfo Online**

<http://www.bioinfo-online.net/>

### **Bioinformatics Journal**

<http://bioinformatics.oxfordjournals.org/>

### **Bioinformatics Organization**

<http://bioinformatics.org/>



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**BioIntelligence**

[http://iit-iti.nrc-cnrc.gc.ca/projects-projets/biointelligence\\_e.html](http://iit-iti.nrc-cnrc.gc.ca/projects-projets/biointelligence_e.html)

**Biological and Chemical Terrorism Information for Healthcare Professionals**

<http://www.istl.org/04-winter/internet.html>

**Biomechanics Knowledge Repository**

[http://www.biomch-w.org/wiki/index.php/Main\\_Page](http://www.biomch-w.org/wiki/index.php/Main_Page)

**BIOS - Biological Innovation for Open Society**

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

**Briefings in Bioinformatics**

<http://bib.oxfordjournals.org/>

**ChemIDplus Database**

<http://sis.nlm.nih.gov/chemical.html>

**DNA From the Beginning**

<http://dnaftb.org/>

**European Bioinformatics Institute (EBI)**

<http://www.ebi.ac.uk/Information/>

**Feds Launch Bioinformatics Centers By Michael Hardy**

<http://snipurl.com/88fk>

**Gene Ontology™ (GO) Consortium**

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

**Genome Gateway**

<http://www.nature.com/genomics>

**Genomics Glossaries & Taxonomies**

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

**Journal of Biomedicine and Biotechnology**

<http://jbb.hindawi.com/>

**National Biological Information Infrastructure (NBII)**

<http://www.nbii.gov/>

**Nature RSS Newsfeeds**

<http://www.nature.com/rss>



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**OECD Megascience Forum Working Group on Biological Informatics Final Report**  
[http://www.gbif.org/GBIF\\_org/facility/BIrepfin.pdf](http://www.gbif.org/GBIF_org/facility/BIrepfin.pdf)

**Open Biomedical Ontologies (OBO)**  
<http://obo.sourceforge.net/>

**Patent Lens™ - Patent Informatics and Analysis Component of the BIOS Initiative**  
<http://www.bios.net/daisy/bios/50>

**Plant Products Research Journal**  
[https://www.ajol.info/journal\\_index.php?jid=254&ab=ppri](https://www.ajol.info/journal_index.php?jid=254&ab=ppri)

**Protocol Online**  
<http://www.protocol-online.org/>

**Resource Informagen™ - Biotech Company Directories**  
<http://informagen.com/Directories/Biotech.php>

**Resources for Bioinformatics**  
<http://www2.lib.udel.edu/subj/bioinformatics/index.htm>

**The TAMBIS Project**  
<http://img.cs.man.ac.uk/tambis/index.html>

## **HEALTH INFORMATICS (Medical Informatics)**

**American Medical Informatics Association (AMIA)**  
<http://www.amia.org/>

**Biomedical Digital Libraries**  
<http://www.bio-diglib.com/>

**Biomedical Informatics Research Network**  
<http://www.nbirn.net/>

**Biomedical Literature (and text)Mining Publications (BLIMP)**  
<http://blimp.cs.queensu.ca/>

**Biomedical Research Web Directory**  
<http://www.biores.org/>



**Biomedicine and Health in the News**

<http://library.uchc.edu/bhn/>

**Bristol Biomedical Image Archive**

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

**Encyclopedia of Biomaterials and Biomedical Engineering**

<http://www.dekker.com/servlet/product/productid/E-EBBE>

**Health Informatics Glossary**

<http://www.bacts.org.uk/glossary.htm>

**International Journal of Biomedical Sciences (IJBS)**

<http://www.enformatika.org/ijbs/>

**International Journal of Medical Microbiology**

<http://www.sciencedirect.com/science/journal/14384221>

**MedBioWorld™**

<http://www.sciencekomm.at/>

**Open Directory - Health: Medicine: Informatics**

<http://www.newhoo.com/Health/Medicine/Informatics/>

**NEUROINFORMATICS (NI)**

**fMRI Data Center**

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

**Human Brain Project**

<http://www.nimh.nih.gov/neuroinformatics/index.cfm>

**Institute of Neuroinformatics**

<http://www.ini.unizh.ch/>

**National Ecological Observatory Network**

<http://www.sdsc.edu/NEON/>

**Neuroinformatics Resources**

<http://www.medicine.mcgill.ca/ibroedu/resources/neuroinformatics.htm>



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**Neuroinformatics - The First Journal Devoted to the Information Science  
Infrastructure of Neuroscience**

<http://journals.humanapress.com/JournalTOC.pasp?issn=1539-2791>

**NIH Guide: The Human Brain Project (Neuroinformatics): Phase I - Feasibility;  
Phase II - Refinements, Maintenance and Integration**

<http://grants1.nih.gov/grants/guide/pa-files/PAR-03-035.html>

**SenseLab**

<http://senselab.med.yale.edu/senselab/>

**BIODIVERSITY INFORMATICS (BDI)**

**Biodiversity and Biological Collections WWW Server**

<http://biodiversity.uno.edu/>

**Biodiversity Informatics**

<http://www.nscalliance.org/bioinformatics/>

**Biodiversity Informatics Peer Reviewed Open Access Journal**

<http://jbi.nhm.ku.edu/index.php>

**Biodiversity Insight Systems**

<http://biodi.sdsc.edu/>

**Chemistry & Biodiversity**

<http://www3.interscience.wiley.com/cgi-bin/jhome/106056929>

**Global Biodiversity Information Facility**

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

**KU BRC Informatics**

<http://kuinfo.speciesanalyst.net/>

**Open Directory - Science: Environment: Biodiversity: Informatics**

<http://www.newhoo.com/Science/Environment/Biodiversity/Informatics/>

**Overview of Biodiversity Informatics**

[http://www.calacademy.org/research/informatics/sblum/pub/biodiv\\_informatics.html](http://www.calacademy.org/research/informatics/sblum/pub/biodiv_informatics.html)

**Quick Guide to Biodiversity Informatics**

<http://www.iabin.net/Biodiversity.htm>



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**Species Analyst**

<http://speciesanalyst.net/>

**Systematics and Biodiversity**

<http://journals.cambridge.org/action/displayJournal?jid=SYS>

**BIOMOLECULAR INFORMATICS (BioInformatics)**

**AANT : Amino Acid-Nucleotide Interaction Database**

<http://aant.icmb.utexas.edu/>

**ACLAME : A Classification of Mobile Genetic Elements**

<http://aclame.ulb.ac.be/>

**ActionBioscience.org**

<http://www.actionbioscience.org/index.html>

**Algorithms for Molecular Biology**

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

**AluGene : Alu Repeats Map in the Human Genome**

<http://alugene.tau.ac.il/>

**American Journal of Medical Genetics Part B: Neuropsychiatric Genetics**

<http://www3.interscience.wiley.com/cgi-bin/jhome/99018626>

**Ares Lab Yeast Intron Database**

[http://www.cse.ucsc.edu/research/compbio/yeast\\_introns.html](http://www.cse.ucsc.edu/research/compbio/yeast_introns.html)

**ASAP : Alternative Splicing Annotation Project**

<http://www.bioinformatics.ucla.edu/ASAP>

**ASC: Active Sequence Collection**

<http://bioinformatica.isa.cnr.it/ASC/>

**ASDB : Alternative Splicing Database [LBL]**

<http://cbcg.lbl.gov/asdb>

**ASD : EMBL Alternative Splicing Database Project**

<http://www.ebi.ac.uk/asd>



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**BELIT - Bioethics Literature Database**

<http://www.drze.de/BELIT>

**BioBank**

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

**Biocompare - Buyer's Guide for Life Scientists**

<http://www.biocompare.com/index.asp>

**Bioenergy Research**

<http://www.biopress.dk/FiB-UK.htm>

**BioForge - Community for Biological Innovation**

<https://www.bioforge.net/>

**BioGRID**

<http://biogrid.icm.edu.pl/>

**BioInformatics and Genomics Internet Resource Category Listing**

<http://www.swbic.org/links/browse.php#7>

**Bioinformatics**

<http://informagen.com/Bioinformatics.php>

**Bioinformatics.Net**

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

**BioInformatics.org**

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

**Bioinformatics Data**

[http://www.jisc.ac.uk/rg\\_healthlife\\_cat\\_bio.html](http://www.jisc.ac.uk/rg_healthlife_cat_bio.html)

**Bioinformatics Databases and Tools Guide**

<http://www.agr.kuleuven.ac.be/vakken/i287/bioinformatica.htm>

**BioInformatics Links**

<http://www.ii.uib.no/~inge/list.html>

**BioInformatics Template Library (BTL)**

<http://www.cryst.bbk.ac.uk/classlib/bioinf/BTL.html>

**BioInformatics Tools**

<http://www.swbic.org/products/bioinfo/bioinfo.php>



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**Bioinformatics - UCSC Science & Engineering Library Subject Guides**

<http://library.ucsc.edu/science/subjects/bioinformatics/>

**Bioinformatic Workflow Builder Interface**

<http://www.alphaworks.ibm.com/tech/biowbi>

**Bioinformatik**

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

**Bioinformation**

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

**BioInformation Servers Listing**

<http://www.iscb.org/bioinf.shtml>

**Biointerphases: An Open Access Journal for the Biomaterials Interface Community**

<http://biointerphases.org/>

**Bioknoppix**

<http://bioknoppix.hpcf.upr.edu/>

**Biological Knowledge**

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

**Biological Theory: Integrating Development, Evolution, and Cognition**

<http://mitpressjournals.org/biot>

**Biology Direct**

<http://www.biology-direct.com/>

**Biomacromolecules**

<http://pubs.acs.org/journals/bomaf6/index.html>

**Bio Mapping**

<http://biomapping.net/>

**Biomarker Insights**

<http://www.la-press.com/bmi.htm>

**BioMed Central**

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

**Biometric Technology Today**

<http://www.sciencedirect.com/science/journal/09694765>



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**BioMolecular Engineering Research Institute (BMERC)**

<http://bmerc-www.bu.edu/>

**BioMolecular Informatics Server of the Eppley Cancer Institute**

<http://bims.unmc.edu/>

**BIONLP.ORG - Natural Language Processing of Biology Text**

<http://www.ccs.neu.edu/home/futrelle/bionlp/>

**Biopharmaceutical Informatics Resources**

<http://www.genomicglossaries.com/content/chapterinfosources.asp>

**Biotechnology Journal (BTJ)**

<http://www3.interscience.wiley.com/cgi-bin/jhome/110544531>

**BioWizard - The Biomedical Research Portal**

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

**BLAST UTR db: Untranslated Regions Database**

<http://www.ba.itb.cnr.it/BIG/Blast/BlastUTR.html>

**Briefings in Functional Genomics and Proteomics**

<http://bfgp.oxfordjournals.org/>

**BSML - Bioinformatics Sequence Markup Language**

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

**Cambridge Crystallographic Data Centre**

<http://www.ccdc.cam.ac.uk/index.html>

**Cancer Genome Atlas**

<http://cancergenome.nih.gov/index.asp>

**Cancer Genomics Publications Data Sets**

<http://www.broad.mit.edu/cgi-bin/cancer/datasets.cgi>

**Centre for Molecular and Biomolecular Informatics**

<http://www.cmbi.kun.nl/index.html>

**Chemical Biology & Drug Design**

<http://www.blackwellpublishing.com/journal.asp?ref=1747-0277&site=1>

**Clinical Bioinformatics Ontology™ (CBO)**

<https://www.clinbioinformatics.org/>



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**Computational Biology and Chemistry**

<http://www.sciencedirect.com/science/journal/14769271>

**Connectivity Map - Connecting Diseases, Genes and Drugs**

[http://www.broad.mit.edu/genome\\_bio/connectivitymap.html](http://www.broad.mit.edu/genome_bio/connectivitymap.html)

**CORG : A Database for COmparative Regulatory Genomics**

<http://corg.molgen.mpg.de/>

**CSH Protocols**

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

**CUTG : Codon Usage Tabulated from GenBank**

<http://www.kazusa.or.jp/codon>

**Data Mining Resources**

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

**Developmental Cell**

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

**DNA Research**

<http://dnaresearch.oxfordjournals.org/>

**DrugBank Database**

<http://redpoll.pharmacy.ualberta.ca/drugbank/>

**EASED: Extended Alternatively Spliced EST Database**

<http://eased.bioinf.mdc-berlin.de/>

**EBI and Ghent University Launch PRIDE: An Open Source Database Of Protein Identifications**

[http://www.innovations-report.com/html/reports/life\\_sciences/report-48290.html](http://www.innovations-report.com/html/reports/life_sciences/report-48290.html)

**EID : The Exon-Intron Database of Protein-Coding Intron-Containing Genes**

<http://www.mcb.harvard.edu/gilbert/eid>

**EMBL SMART : Simple Modular Architecture Research Tool (for Proteins)**

<http://smart.embl.de/>

**Encyclopedia of Medical Genomics and Proteomics**

<http://www.dekker.com/servlet/product/productid/E-EDGP>



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**Entrez - The Life Sciences Cross-Database Search Engine**

<http://www.ncbi.nlm.nih.gov/Entrez/index.html>

**Environmental Bioindicators**

<http://www.tandf.co.uk/journals/titles/15555275.asp>

**Enzymes and Metabolic Pathways Project (EMP)**

<http://www.empproject.com>

**European Bioinformatics Institute**

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

**European Bioinformatics Institute: Research Groups**

<http://www.ebi.ac.uk/Groups/>

**Evolutionary Bioinformatics Online (EBO)**

<http://www.la-press.com/evolbio.htm>

**Evolutionary Intelligence**

<http://www.neuroblast.net/EI/EI.html>

**ExInt: an Exon Intron Database**

<http://sege.ntu.edu.sg/wester/exint>

**FREP : Functional Repeats in Mouse cDNAs**

<http://facts.gsc.riken.go.jp/FREP/>

**Genetic Science Learning Center**

<http://gslc.genetics.utah.edu/>

**Genographic Project**

<http://www3.nationalgeographic.com/genographic/>

**Genome Browsers**

<http://zillman.blogspot.com/2004/03/genome-browsers.html>

**Genome-Tools**

[http://freshmeat.net/projects/genome-tools/?branch\\_id=46085&release\\_id=183048](http://freshmeat.net/projects/genome-tools/?branch_id=46085&release_id=183048)

**Genomics, Proteomics & Bioinformatics**

<http://www.sciencedirect.com/science/journal/16720229>



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**Georgetown University Medical Center-Protein Information Resource: Non-Redundant Reference Protein Database**

<http://www-nbrf.georgetown.edu/pirwww/search/pirnref.shtml>

**Guide to Selected Bioinformatics Internet Resources**

<http://www.istl.org/istl/02-winter/internet.html>

**GUS - The Genomics Unified Schema**

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

**H-Invitational Database (H-Inv DB)**

<http://www.jbirc.aist.go.jp/hinv/index.jsp>

**HS3D - Homo Sapiens Splice Sites Dataset**

<http://www.sci.unisannio.it/docenti/rampone>

**Human Genome Project Information**

[http://www.ornl.gov/TechResources/Human\\_Genome/home.html](http://www.ornl.gov/TechResources/Human_Genome/home.html)

**Immunome Research**

<http://www.immunome-research.com/>

**International Journal of Data Mining and Bioinformatics (IJDMB)**

<http://www.inderscience.com/ijdmb>

**International Journal of Human Genetics**

<http://www.krepublishers.com/02-Journals/IJHG/IJHG-00-0-000-000-2001-Web/IJHG-00-0-000-000-2001-1-Cover.htm>

**Invertebrate Biology**

<http://www.blackwellpublishing.com/journal.asp?ref=1077-8306&site=1>

**Islander : Prophages Incorporated into Bacterial Genomes**

<http://www.indiana.edu/~islander>

**Journal of Biological Chemistry**

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

**Journal of Biomaterials Science, Polymer Edition**

<http://www.springerlink.com/content/1568-5624/>

**Journal of Cell and Molecular Biology**

<http://www.halic.edu.tr/JCMB/index.html>



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**Journal of Genetics**

<http://www.ias.ac.in/jgenet/>

**Journal of Molecular Histology**

<http://www.springerlink.com/link.asp?id=111649>

**Journal of Pharmacy and Bioresources (JPB)**

[http://www.ajol.info/journal\\_index.php?jid=218](http://www.ajol.info/journal_index.php?jid=218)

**Journal of Proteome Research**

<http://pubs.acs.org/journals/jprobs/index.html>

**LabOnWeb by Compugen**

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

**Lawrence Berkeley National Laboratory: VISTA**

<http://www-gsd.lbl.gov/VISTA/index.shtml>

**Macromolecular Bioscience**

<http://www3.interscience.wiley.com/cgi-bin/jhome/77002860>

**MedScan - Automated Scientific Text Mining Tool**

<http://www.ariadnegenomics.com/products/medscan.html>

**MetaBasis: Web Based Database for Bioinformatics Tools**

<http://metabasis.bioacademy.gr/>

**MethDB : DNA Methylation Database**

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

**MICdb : Prokaryotic Microsatellites Database**

<http://210.212.212.7/MIC>

**Microbes - Microbiology Microbes Bacteria Information and Links**

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

**Models and Metaphors From Biology and Bioinformatics Tools**

<http://dmi.unicam.it/nettab2004/>

**Molecular Biology Database Collection : 2004 Update [Nucleic Acids Research]**

[http://www.nar.oupjournals.org/cgi/content/full/32/suppl\\_1/D3/DC1](http://www.nar.oupjournals.org/cgi/content/full/32/suppl_1/D3/DC1)

**Molecular Biology Protocols and Bioinformatics**

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



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**Molecular Biology Resources**

<http://www.mc.vanderbilt.edu/biolib/services/rics/molecular.html>

**Molecular BioSystems**

<http://www.rsc.org/Publishing/Journals/mb/index.asp>

**Molecular Informatics Resource for the Analysis of Gene Expression (MIRAGE)**

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

**Molecular Plant-Microbe Interactions (MPMI)**

<http://www.apsnet.org/mpmi/top.asp>

**National Center for BioTechnology Information (NCBI)**

<http://www.ncbi.nlm.nih.gov/>

**Nature Methods**

<http://www.nature.com/nmeth/index.html>

**Neuron Glia Biology**

<http://journals.cambridge.org/action/displayJournal?jid=NGB>

**NHGRI Policy and Legislation Database**

<http://www.genome.gov/LegislativeDatabase>

**NodalPoint.org - A BioInformatic Weblog**

<http://www.nodalpoint.org/index.php>

**OBBeC Magazine**

<http://obbec.com/>

**OMIM - Online Mendelian Inheritance in Man**

<http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=OMIM>

**Oncogenomics Normal Tissue Database**

<http://ntddb.abcc.ncifcrf.gov/cgi-bin/nltissue.pl>

**OpenClinica: Professional Open Source Solutions for the Clinical Research Enterprise**

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

**PACRAT : Patterns, Analysis, Correlations, Remote Analysis Testbed**

<http://www.biosci.ohio-state.edu/~pacrat>



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**PhRMA Science & Regulatory Affairs Government Agencies Web Search Tools**  
<http://srpub.phrma.org/search/gov.html>

**PhRMA Science & Regulatory Affairs Scientific Publications Web Search Tools**  
<http://srpub.phrma.org/search/science.html>

**Postgenomic - Life Science Blog Aggregator**  
<http://www.postgenomic.com/>

**PPAR Research**  
<http://www.hindawi.com/GetJournal.aspx?journal=PPAR>

**Project Ensembl**  
<http://www.ensembl.org/>

**ProteinDBS**  
<http://proteindbs.rnet.missouri.edu/>

**Protein Information Resource (PIR)**  
<http://pir.georgetown.edu/pirwww/pirhome3.shtml>

**Protein Journal**  
<http://www.springerlink.com/link.asp?id=111872>

**ProteinScience.com - The Proteomics Portal™**  
<http://www.proteinscience.com/index.htm>

**Proteome BioKnowledge® Library**  
<http://www.proteome.com/>

**PROWL**  
<http://prowl.rockefeller.edu>

**RECODE : Database of Translational Recoding Events**  
<http://recode.genetics.utah.edu/>

**Registry of Standard Biological Parts**  
<http://parts.mit.edu/>

**Selected Web Sites of Interest to Kineticists, Modelers, Computational Biologists, Theoretical Biologists and Bioinformaticians**  
<http://snipurl.com/cbp2>



**Signals - Online Magazine of BioTechnology Industry Analysis**  
<http://www.signalsmag.com/>

**S/MARt DB**  
<http://transfac.gbf.de/SMARtDB>

**STRBase : Short Tandem Repeat DNA Internet Database**  
<http://www.cstl.nist.gov/div831/strbase>

**Synapse**  
<http://www3.interscience.wiley.com/cgi-bin/jhome/36341>

**Textpresso**  
<http://www.textpresso.org/>

**The Bioinformatics Resource**  
<http://www.hgmp.mrc.ac.uk/CCP11/index.jsp>

**The Genetic Codes**  
<http://www.ncbi.nlm.nih.gov/Taxonomy/Utils/wprintgc.cgi?mode=c>

**The Intronerator**  
<http://www.cse.ucsc.edu/~kent/intronerator>

**The PubChem Project**  
<http://pubchem.ncbi.nlm.nih.gov/>

**The TAMBIS Project**  
<http://img.cs.man.ac.uk/tambis/index.html>

**The Wellcome Trust Sanger Institute**  
<http://www.sanger.ac.uk/>

**The Wellcome Trust: The Human Genome Interactive Centre**  
<http://www.wellcome.ac.uk/en/genome/interactive.html>

**ToPNet (Protein Topology Calculation Software)**  
<http://networks.gersteinlab.org/genome/interactions/networks>

**Translational OncoGenomics**  
<http://www.la-press.com/tog.htm>

**Transmembrane Structure Prediction Servers**  
<http://split.pmfst.hr/split/4/others.html>



**Transterm : RNA Sequences and their Associated Motifs**

<http://uther.otago.ac.nz/transterm.html>

**Tsinghua University-Institute of Bioinformatics: DBSubLoc**

<http://www.bioinfo.tsinghua.edu.cn/dbsubloc.html>

**UCSC Genome Bioinformatics**

<http://genome.ucsc.edu/>

**Unified Hyperstructures for Bioinformatics: Escaping the Application Prison by Adam Moore and Tim Brailsford**

<http://jodi.ecs.soton.ac.uk/Articles/v05/i01/Moore/>

**UTR Home Page : Resources for Sequence Analysis of 5' and 3' Untranslated Regions**

<http://bighost.area.ba.cnr.it/BIG/UTRHome/>

**Virginia Bioinformatics Institute (VBI) Microbial Database**

<http://phytophthora.vbi.vt.edu/>

**Vector dB**

<http://genome-www2.stanford.edu/vectordb>

**Velocity for Life Sciences (VLS)**

<http://vivisimo.com/html/bio>

**Visual Complexity**

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

**Web Service for Bioinformatic Analysis Workflow (WsBAW)**

<http://www.alphaworks.ibm.com/tech/wsbaw>

**YSearch - Public Y-DNA Database**

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



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## **Awareness Watch™ Spotters**

### **HyperScope - High Performance Thought Processor**

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

The HyperScope is a high-performance thought processor that enables you to navigate, view, and link to documents in sophisticated ways. It's the brainchild of Doug Engelbart, the inventor of hypertext and the mouse, and is the first step towards his larger vision for an Open Hyperdocument System. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog.

### **Data Shaping Data Mining Resources**

[http://www.datashaping.com/data\\_mining.shtml](http://www.datashaping.com/data_mining.shtml)

A nice Data mining meta-directory including: general resources with emphasis on fraud detection, CRM, advertising technology, web mining, probabilistic trading, scorecards, risk management, market research, business intelligence, artificial intelligence, statistical technology, information retrieval, computational marketing. This has been added to [Data Mining Resources](#) Subject Tracer™ Information Blog.

### **Fact200 - An Internet Research Tool**

<http://www.fact200.com/>

Fact200 is both an Internet search client and a news feed reader that concentrates on finding, sifting, and browsing information while filtering out noise and junk. It is ideal for browsing through massive amounts of web pages (e.g., browsing news feeds) or for researching esoteric subjects. View Flash movie demos of searching and news reading to see how it works. Fact200 currently supports Windows 2000/XP and is downloadable from their site. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog.

### **Sabifoo - Instant RSS, Instant Blog, Instant Possibility**

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

You can instantly create your own Really Simple Syndication (RSS) feed and post things to the Web just by sending a message with your present instant messaging account. Publishing your greetings to the world is as simple as saying "Hello!" Sabifoo doesn't require you to sign up for anything or remember another username and password. It works with your current IM account and software and is compatible with AOL Instant Messenger, Jabber, MSN Messenger, Yahoo Messenger, and Google Talk. This has been added to [Bots, Blogs and News Aggregators](#) presentation resources page.

### **JotSpot - Live Group Note-Taking**

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

JotSpot Live allows you, your colleagues or clients to take notes together on the same web page at the same time. Imagine everyone simultaneously typing and editing the same Microsoft Word document and you'll get the idea. Features include: a) Everyone types on the same web page, b) End "versionitis" — take one set of notes, c) See changes as they



happen, d) Publish instantly — stop e-mailing documents, and e) Everything's stored securely on the web. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog.

### **Pandemicflu.gov**

<http://www.PandemicFlu.gov/>

One-stop access to U.S. Government avian and pandemic flu information. Managed by the Department of Health and Human Services. This will be added to [Healthcare Resources 2006](#) Internet MiniGuide.

### **Poetry Archive**

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

The Poetry Archive is the world's premier online collection of recordings of poets reading their work. You can enjoy listening here, free of charge, to the voices of contemporary English-language poets and of poets from the past. The Archive is growing all the time. The Poetry Archive exists to help make poetry accessible, relevant and enjoyable to a wide audience. It came into being as a result of a meeting, in a recording studio, between Andrew Motion, soon after he became U.K. Poet Laureate in 1999, and the recording producer, Richard Carrington. They agreed about how enjoyable and illuminating it is to hear poets reading their work and about how regrettable it was that, even in the recent past, many important poets had not been properly recorded. This has been added to [Reference Resources](#) Subject Tracer™ Information Blog.

### **MedBioWorld™ - Medical/Medicine and Bioscience Journals, Associations and Resources**

<http://www.sciencekomm.at/>

MedBioWorld™, with over 35,000 links, is the largest medical and bioscience resource directory on the Internet. The portal is ranked 1st for scientific journals, bioscience journals and bioscience directories; 2nd for medical journals and medical directories by Google™. Other useful research tools include dictionaries & glossaries, clinical trials, medical guidelines, education & training. The site has: a) 8,697 journals within 80 medical specialties and 101 bioscience fields, b) 7,250 medical and bioscience associations, c) 3,100 medical and bioscience databases, and d) 2,000+ bioscience companies. This has been added to [Biological Informatics](#) Subject Tracer™ Information Blog.

### **Gold Rush - Database Search Tool**

<http://goldrush.coalliance.org/>

Gold Rush is a tool to help you find the best databases to search for information on a specific topic or from a specific journal. Gold Rush will also help to determine whether or not you have access to a particular database. If you do have access to a database, Gold Rush will provide you with a link to search that database. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. This has been added to the database search section of [Deep Web Research](#) Subject Tracer™



Information Blog. This will be added to [Academic and Scholar Search Engines and Sources](#) White Paper. This will be added to [Academic Resources 2006](#) Internet MiniGuide.

### **Canada Institute for Scientific and Technical Information (CISTI)**

[http://cisti-icist.nrc-cnrc.gc.ca/cisti\\_e.html](http://cisti-icist.nrc-cnrc.gc.ca/cisti_e.html)

CISTI, the Canada Institute for Scientific and Technical Information, is a science library and a world leader in document delivery for all areas of science, technology, engineering and medicine. NRC Research Press publishes 16 international journals of research plus several books and conference proceedings. This has been added to [Research Resources](#) Subject Tracer™ Information Blog.

### **ExtremeTech - Deep Technology for Enthusiasts and Professionals**

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

They are a thriving community of users and experts seeking to answer the unanswerable questions of technology. They dig deep into the subterranean depths of technological knowledge, digging up the most vital, behind-the-scenes tidbits that make any technocrats drool soda on his chips. To put it simply, they are a one-stop-shop for serious technological needs. Their writers spelunk into the abyss of the future in search of the real story behind what's out there today, and what will be out there tomorrow.

### **Sakai Project**

<http://sakaiproject.org/>

Sakai is an online Collaboration and Learning Environment. Many users of Sakai deploy it to support teaching and learning, ad hoc group collaboration, support for portfolios and research collaboration. Sakai is a free and open source product that is built and maintained by the Sakai community. Sakai's development model is called "Community Source" because many of the developers creating Sakai are drawn from the "community" of organizations that have adopted and are using Sakai. The Sakai community is actively developing new Sakai tools: IMS Common Cartridge, SCORM, blog tool, shared whiteboard, shared display, multipoint audio, multipoint audio, pod-casting, IMS Tool Interoperability, and others. This will be added to [Education and Distance Learning Resources 2006](#) Internet MiniGuide.

### **Medsite Journal Manager™**

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

Medsite Journal Manager™ makes it easy to monitor the world's leading medical literature through one convenient, online location. Journal Manager aggregates and organizes electronic tables-of-contents and abstracts from 25 journals you select from a National Library of Medicine™ database of 4,000+ titles. Other features include e-mail notification of new issues; a six-issue archive; and the ability to order full-text articles. This will be added to [Healthcare Resources 2006](#) Internet MiniGuide. This has been added to [Healthcare Resources](#) Subject Tracer™ Information Blog.



### **Science Research Portal**

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

ScienceResearch.com™ is a free publicly available web portal allowing access to numerous scientific journals and public science databases. It allows students, teachers, professors, researchers, and the general public to access pertinent science information quickly and easily. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. This will be added to [Academic and Scholar Search Engines and Sources](#) White paper. This will be added to [Academic Resources 2006](#) Internet MiniGuide.

### **A One-Step Portal for On-Line Genealogy by Stephen P. Morse**

<http://stevemorse.org/>

In the “old days” genealogical research was done by traveling great distances and then going through dusty archives or using microfilm readers. But the advent of the World Wide Web has changed that. Today much of the data useful to genealogists has been put on websites and can be accessed from the comfort of home. Unfortunately, many of these websites are not easy to use. And those that are don’t always offer all the versatility that is possible. For that reason Steven Morse has created alternate ways of accessing some of these websites. In addition he has developed some of his own databases and programs to facilitate doing genealogical research. These are all collected together under what he calls the One-Step website. This has been added to [Genealogy Resources](#) Subject Tracer™ Information Blog.

### **Photo Blogs**

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

Photoblogs.org is a resource designed to help people find all kinds of photoblogs. The mission of Photoblogs.org is to connect the audience to the photoblog, and to help the photoblogging community grow and evolve. This has been added to [Bots, Blogs and News Aggregators](#) resource.

### **Pentaho BI Project - Open Source Business Intelligence**

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

The Pentaho BI Project provides enterprise-class reporting, analysis, dashboard, data mining and workflow capabilities that help organizations operate more efficiently and effectively. The software offers flexible deployment options that enable use as embeddable components, customized BI application solutions, and as a complete out-of-the-box, integrated BI platform. This has been added to [Business Intelligence Resources](#) Subject Tracer™ Information Blog. This has been added to [Data Mining Resources](#) Subject Tracer™ Information Blog.

### **Scirus - Science Specific Search Engine**

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

Scirus is the most comprehensive science-specific search engine on the Internet. Driven by the latest search engine technology, Scirus searches over 250 million science-specific



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Web pages, enabling you to quickly a) Pinpoint scientific, scholarly, technical and medical data on the Web, b) Find the latest reports, peer-reviewed articles, patents, pre prints and journals that other search engines miss, and c) Offer unique functionalities designed for scientists and researchers. Scirus has proved so successful at locating science-specific results on the Web that the Search Engine Watch Awards voted Scirus 'Best Specialty Search Engine' in 2001 and 2002 and 'Best Directory or Search Engine Website' WebAward from Web Marketing Association in 2004. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog.

### **All Things Web 2.0 Directory**

<http://www.allthingsweb2.com/>

A very nice directory and site for the latest happenings and listing of over 2200 Web 2.0 applications in 125 categories. They have categories for voted best as well as most popular Web 2.0 applications. This has been added to [World Wide Web Reference](#) Subject Tracer™ Information Blog.

### **Business Prediction Exchange**

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

Business Prediction Exchange is a market for predicting future events like the price of oil, whether MySpace will surpass Yahoo as the most visited site on the Web, or whether Apple will come out with a WiFi-enabled iPod. Each event trades a stock. Anyone can sign up for free and receive 100,000 BizPredict dollars to start trading. You buy the stocks/events that you think are most likely to happen, and the resulting price corresponds to the probability that it will happen, according to the collective wisdom of the market. This has been added to [Prediction Markets](#) Subject Tracer™ Information Blog. This has been added to [Information Futures Markets](#) Subject Tracer™ Information Blog.

### **What is the deep Web?**

<http://feeds.feedburner.com/~r/WhatiscomItBuzzword-of-the-week/~3/32085666/what-is-deep-web.html>

In this podcast from WhatIs.com, editor Alex Howard interviews Marcus Zillman, an expert in finding and retrieving deep Web content. Learn what the deep Web is, what kind of content exists there - and how you can start moving beyond Google to get much more from your research online. Listen on your PC or download to your favorite mobile media player: Download the podcast from the above URL. I enjoyed doing this interview with Alex Howard who is one of the Editors at WhatIs.com and referenced my [Deep Web Research](#) Subject Tracer™ Information Blog and number of times!

### **BrowserCam - Screen capture and Remote Access Service for Cross Platform Compatibility Testing**

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

BrowserCam's Screen Capture Service lets you submit multiple URL's, choose the browsers and operating systems you want to see, and in about a minute returns screen captures of your webpage loaded in the different browsers and operating systems you



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selected. This has been added to [Accessibility Resources](#) Subject Tracer™ Information Blog.

### **TechCheatSheets.com - Tech and Programming Check Sheets and Quick Reference Guides**

<http://techcheatsheets.com/>

Tech Cheat Sheets is a collection of the best cheat sheets and quick reference guides on the web. Arranged by tags, you can subscribe to a feed for only the tags you want to monitor. Visitors can also give the listings 1-5 star ratings. This has been added to [Tutorial Resources](#) Subject Tracer™ Information Blog.

### **MetaBasis: Web Based Database for Bioinformatics Tools**

<http://metabasis.bioacademy.gr/>

A database (Basis) system accessible from the web for the effective management of metadata (Meta) concerning software tools and databases in the field of Bioinformatics. This excellent site has been added to [Biological Informatics](#) Subject Tracer™ Information Blog.

### **Free Deep Links Article Directory**

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

FreeDeepLinks.com's is a free article link directory. Writers and webmasters can contribute to the article directory, helping readers find articles on a wide variety of topics all across the Web. In exchange for contributing article links, the article owners receive free, non-reciprocal, deep links to any article page on their websites. In an effort to help readers find only article content in their areas of interest, home pages, sales pages, and other non-article pages are not permitted. This has been added to [Deep Web Research](#) Subject Tracer™ Information Blog.

### **BlogMarks**

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

BlogMarks is a collaborative link management project based on sharing and key-word tagging. Build on a blog basis, BlogMarks is an open and free technology. Now, you can access your favorite URL's from any computer. And with BlogMarks, you share your favourite with other users. This has been added to the tools section of Research Resources Subject Tracer™ Information Blog. This has been added to the resource page of [Bots, Blogs and News Aggregators](#) presentation.

### **Sheet Music Archives**

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

The Sheet Music Archives is an internet classical music organization dedicated to retrieving public domain classical sheet music and putting it online free for public perusal and benefit. Here you will find over 10,000 pages of classical piano sheet music available for download! Simply click on the composer who interests you, select your desired piece,



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and download away! This has been added to [Reference Resources](#) Subject Tracer™ Information Blog.

### **The Software Patch**

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

The newest patches to download are listed on the top of this page. A patch can be an upgrade (adding increased features), a bug fix, a new hardware driver or update to address new issues such as security or stability problems. The patches on this site have been categorised according to the type of software to which they will be applied. For example, to download a patch for Windows XP or Windows 2000, click the Windows button. The updates will appear sorted by operating system or company. This has been added to [World Wide Web Reference](#) Subject Tracer™ Information Blog.

### **Worldmapper**

<http://www.sasi.group.shef.ac.uk/worldmapper/>

This website contains a large collection of maps (and associated information) that they are in the process of generating. Each map relates to a particular subject. Click on the 'Map Index' which gives thumbnail previews or 'Map Categories' which is classified to see the choice, and view a map and associated information. There is also a Site Map and Help page. The maps and data files cover 200 territories, mainly United Nation Member States plus a few others to include at least 99.95% of the world's population. For a map identifying them see the labelled territory map, and for a cartogram giving them all equal prominence see Appendix A (Areas Included). Further details about their names are given in Technical Notes for Land Area. Also shown on the maps are 62 other areas, mostly small islands, which do not have unique data but are assigned to and included in the data of the 200. For details see Appendix B (Islands Assigned to Territories). The maps presented on this website are equal area cartograms, otherwise known as density-equalising maps. The cartogram re-sizes each territory according to the variable being mapped. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog.

### **Torpark - Turn Any Internet Terminal Into a Secure Connection**

<http://torpark.nfshost.com/>

This is the official Torpark homepage. Download Torpark and put it on a USB Flash keychain. Plug it into any internet terminal whether at home, school, or public. Run Torpark.exe and it will launch a Tor circuit connection, which creates an encrypted tunnel from your computer indirectly to a Tor exit computer, allowing you to surf the internet anonymously. Try Torpark; its small, portable, clean, open-source, free of spyware/adware, and free. This has been added to [Privacy Resources](#) Subject Tracer™ Information Blog.



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### **wikidPad**

<http://www.jhorman.org/wikidPad/>

wikidPad is an open source Wiki-like notebook for storing your thoughts, ideas, todo lists, contacts, or anything else you can think of to write down. What makes wikidPad different from other notepad applications is the ease with which you can cross-link your information. Links in a wiki are created by typing in WikiWords. A WikiWord is any mixed case word typed into the editor. TodoList or JohnDoe are example WikiWords. The term wiki means "quick" in Hawaiian, and wikis are all about quickly linking your information together. Wikis are not a new concept, in fact there are many web based wiki servers available. wikidPad is a real-time wiki and is not a web server, or application server, or groupware solution. wikidPad is a standalone notepad like application, albeit notepad on steroids. wikidPad is like an IDE for your thoughts. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog.

### **Zotero - The Next-Generation Research Tool**

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

Zotero is a free, easy-to-use research tool that helps you gather and organize resources (whether bibliography or the full text of articles), and then lets you to annotate, organize, and share the results of your research. It includes the best parts of older reference manager software (like EndNote)—the ability to store full reference information in author, title, and publication fields and to export that as formatted references—and the best parts of modern software such as del.icio.us or iTunes, like the ability to sort, tag, and search in advanced ways. Using its unique ability to sense when you are viewing a book, article, or other resource on the web, Zotero will—on many major research sites—find and automatically save the full reference information for you in the correct fields. The 1.0 beta release of Zotero already provides advanced functionality for gathering, organizing, and scanning your research, as well as basic import/export capability and bibliographic formatting tools. Automatic updates to the software in the fall and winter of 2006-2007 will provide many more citation styles, the ability for Zotero to recognize even more online resources, even better support for importing and exporting entire collections, and integration with Microsoft Word and other word processors. And coming soon, Zotero users will be able to share their collections with other users, collaborate on research projects using Zotero, send their collections to other free web services (such as mapping or translation sites), and receive recommendations and feeds of new resources that might be of interest. In short, over the next year Zotero will expand from an already helpful browser extension into a full-fledged tool for digital research and communications. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog.

### **RichAsDirt**

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

RichAsDirt is a website created to help improve farming efficiency by taking advantage of the collective knowledge and experience of farmers across the country. RichAsDirt offers a set of web-based tools to help farmers save time and increase yields. RichAsDirt



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takes advantage of the diversity in farming strategies and experiences of farmers across the country. In short, it's an application of the concept known as the "wisdom of crowds," which says that the combined choices of many independent people are often better than those of individuals. By collecting data directly from farmers, combining it, and displaying it in a clear and concise way, RichAsDirt can help farmers harness this wisdom and insight, and visualize how their farming methods compare against those of other farmers in their area, and nationwide. Since RichAsDirt relies on data submitted by its users, the more people who use it, the better it becomes! This has been added to [Agriculture Resources](#) Subject Tracer™ Information Blog.

### **Juice - Cross-Platform Podcast Receiver**

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

Want to listen to internet audio programs (podcasts), music and shows but can't when they are scheduled? Juice is for you. Juice lets users select and download shows and music and play whenever they want on their iPods, portable digital media players, or computers automatically. They have implemented Juice in Python. It supports most RSS protocols and scans for enclosures. If the enclosure is in the form of a BitTorrent file, it will download the torrent file in the background. If the media player on the system supports it, the downloaded content is automatically added to playlists. The content is kept on the local harddrive in nested folders, titled with the show's name. The system works on Windows & Mac, for specifications check the download page. This has been added to [World Wide Web Reference](#) Subject Tracer™ Information Blog.

### **The Web Developer's Handbook**

<http://www.alvit.de/handbook/>

A nice reference and handbook for Web Developers and associated professionals giving numerous resources and sites for developing web based projects. This has been added to [World Wide Web Reference](#) Subject Tracer™ Information Blog.

### **Quick Online Tips**

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

Quick Online Tips has grown to be a popular blog over the past years and is regularly posting Technology News, Smart Blogging Tips, Essential Computer Software and Web Services. This has been added to [Tutorial Resources](#) Subject Tracer™ Information Blog.

### **RootSecure.net - The Security News Site For Systems Administrators & Hackers**

<http://www.RootSecure.net>

Rootsecure.net features comprehensive hand picked links to the new security related news articles every day, along with a daily mailing list bringing the latest security news direct to your inbox every morning. This will be added to [Security Resources 2006](#) Internet MiniGuide.



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## **The Technical Centre for Agricultural and Rural Cooperation (CTA)**

<http://www.cta.int>

The Technical Centre for Agricultural and Rural Cooperation (CTA) was established in 1983 under the Lomé Convention between the ACP (African, Caribbean and Pacific) Group of States and the European Union Member States. CTA's tasks are to develop and provide services that improve access to information for agricultural and rural development, and to strengthen the capacity of ACP countries to produce, acquire, exchange and utilise information in this area. CTA's programmes are organised around the following principal themes: developing information management and partnership strategies needed for policy formulation and implementation; promoting contact and exchange of experience; providing ACP partners with information on demand; and strengthening their information and communication capacities. This has been added to [Agriculture Resources](#) Subject Tracer™ Information Blog.

## **BitTorrent FAQ and Guide**

<http://www.dessent.net/btfaq/>

Brian's BitTorrent FAQ and Guide is an excellent starting point to learn more about BitTorrent or even as a starting place to begin your journey into BitTorrent a peer-to-peer protocol designed for transferring files. This has been added to the Peer- to-Peer section of [Deep Web Research](#) Subject Tracer™ Information Blog.

## **ScienceBlogs**

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

Science is driving our global conversation unlike ever before. From climate change to intelligent design, HIV/AIDS to stem cells, science education to space exploration, science is figuring prominently in our discussions of politics, religion, philosophy, business and the arts. New insights and discoveries in neuroscience, theoretical physics and genetics are revolutionizing our understanding of who we are, where we come from and where we're heading. ScienceBlogs is a portal to this global dialogue, a digital science salon featuring the leading bloggers from a wide array of scientific disciplines. Their mission is to build a community of like-minded individuals who are passionate about science and its place in our culture, and give them a place to meet. They believe in providing their bloggers with the freedom to exercise their own editorial and creative instincts. They do not edit their work and they do not tell them what to write about. They have selected our 40+ bloggers based on their originality, insight, talent, and dedication and how they think they would contribute to the discussion at ScienceBlogs. The role, as they see it, is to create and continue to improve this forum for discussion, and to ensure that the rich dialogue that takes place at ScienceBlogs resonates outside the blogosphere. This has been added to [Research Resources](#) Subject Tracer™ Information Blog.

## **InsiderPages**

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

At InsiderPages.com people share reviews of local businesses and find great services they can trust. They now have over 600,000 customer reviews from across the U.S. and over



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one million people visit our site each month to get the Insider scoop on local businesses. They are also helping thousands of small businesses find new customers over the Internet. They are a small company but they count some of the biggest names on the Web as partners including Yahoo and Google. The site is constantly improving as they strive to provide you with a better way to find a great dentist, hairstylist, pediatrician or even a hypnotherapist. This has been added to [ShoppingBots](#) Subject Tracer™ Information Blog.

### **PPgis.net - Open Forum on Participatory Geographic Information Systems and Technologies**

<http://www.ppgis.net>

PPgis.net serves as a global avenue for discussing issues, sharing experiences and good practices related to community mapping, participatory mapping, counter mapping, Public Participation GIS (PPGIS), Mobile Interactive GIS (MiGIS) and other geo-spatial information technologies and systems used to support integrated conservation and development, sustainable natural resource management and customary property rights in developing countries and First Nations. Members of the network are able to share information and lessons learned and post questions and announcements, and upload and download resource documents which are relevant to the practice. This has been added to [Agriculture Resources](#) Subject Tracer™ Information Blog.

### **Integrated Approaches to Participatory Development (IAPAD) - Participatory Avenues**

<http://www.iapad.org>

IAPAD promotes the diffusion of Participatory 3D Modelling (P3DM) as good practice for merging peoples' knowledge and traditional spatial information. The website supports the culture of knowledge dissemination and acts as focal point for sharing information and technical progress on community-based mapping and Public Participation GIS (PPGIS). P3DM has a wide range of applications ranging from collaborative research and planning for natural resource management, to dealing with conflict resolution and resource tenure. This has been added to [Agriculture Resources](#) Subject Tracer™ Information Blog.

### **Chemical Structure Lookup Service : CSLS**

<http://cactus.nci.nih.gov/lookup>

Chemical Structure Lookup Service is meant to work as an addressbook for chemical structures .... Look up whether a structure occurs in any of tens of different databases, both public and commercial. Currently loaded pointers to: 30,983,310 entries from 80 databases, representing 26,416,001 unique chemical structures. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog.



### **Chicago Manual of Style Online**

<http://www.chicagomanualofstyle.org/home.html>

The bible of the publishing and research community is now available on your desktop. The Chicago Manual of Style Online is completely searchable and easy to use, providing quick answers to your style and editing questions. The Chicago Manual of Style Online incorporates the popular Chicago Style Q&A, a resource that thousands have found as entertaining as it is informative. The Q&A content is fully searchable along with the content of The Chicago Manual of Style. Your queries will return results—clearly distinguishable—from both the Manual and the Chicago Style Q&A. The Chicago Manual of Style Online also provides convenient Tools, such as sample forms, letters, and style sheets. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog.

### **3TERA - Grid Operating System for Web Applications**

<http://www.3tera.com/>

The first grid operating system that runs and scales existing web applications with the following capabilities: a) Turn commodity servers into a scaleable shared grid, b) Deploy existing web applications without changing code, c) Scale each application from a fraction of a server up to the whole grid, d) Manage hundreds of servers easier than a single server today, e) Handle hardware failures automatically without losing data, f) Add or remove servers and storage without disrupting applications, and g) Manage all applications, servers and storage with just a browser. This has been added to [Grid Resources](#) Subject Tracer™ Information Blog.

### **Web2.0Slides**

<http://web2.0slides.com/>

Web2.0Slides is a self-running slide show of over 1,400 of the best Web2.0 sites. It's categorized by tags and sorted alphabetically. You can click on any site in the left-hand column to pause the slide show and surf around. When you're done, simply click PLAY, and it will begin right where you left off. This has been added to [World Wide Web Reference](#) Subject Tracer™ Information Blog.

### **SiteKreator - Online Website Builder**

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

SiteKreator is the Web's most complete and easy-to-use solution for building and maintaining impressive, Web 2.0-ready business or personal Web sites. An all-inclusive Web publishing service, SiteKreator can help you launch and manage an engaging and robust Web site for your business or organization, artist portfolio or professional CV, personal blog or family photo gallery. This has been added to [World Wide Web Reference](#) Subject Tracer™ Information Blog.



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### **DIYwebserver**

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

This site is a guide to setting up and running a full featured webserver from just about any Internet connection. They cover issues on running a web server, email server, dns server, news server, ftp server, game server and more. This has been added to [World Wide Web Reference](#) Subject Tracer™ Information Blog.

### **The Semantic Indexing Project - Creating Tools To Identify the Latent Knowledge Found in Text**

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

Semantic indexing is their name for a family of techniques for searching and organizing large data collections. The goal of semantic indexing is to find patterns in unstructured data (documents without descriptors such as keywords or special tags) and use those patterns to offer more effective search and categorization services. During the past four years, a team of linguists and computer scientists at NITLE and Middlebury College has developed a prototype Semantic Engine. This prototype was designed to address the universal problem of accessing and organizing large amounts of unstructured digital text. Using mathematical algorithms to index the latent semantic content of documents, the prototype engine has been demonstrated to drastically reduce, if not eliminate, the need for expensive and time-consuming metadata tagging, and to produce results superior to keyword searches in limited test domains. The Semantic Engine is at the center of our research and development mission. This has been added to the semantic web research section of [Deep Web Research](#) Subject Tracer™ Information Blog. This has been added to [Knowledge Discovery](#) Subject Tracer™ Information Blog.

### **DbVisualizer - The Universal Database Tool**

<http://www.dbvis.com/products/dbvis/>

DbVisualizer is a feature rich, intuitive and cross platform database tool for developers and DBA's providing a single powerful interface for a variety of databases. DbVisualizer supports simultaneous database connections, it lets you explore and manage database objects, execute SQL queries, visualize information and a lot more. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog. This has been added to the [Deep Web Research](#) Subject Tracer™ Information Blog. This has been added to [Data Mining Resources](#) Subject Tracer™ Information Blog.

### **JXplorer - Open Source Ldap Browser**

<http://pegacat.com/jxplorer/>

JXplorer is an open source ldap browser originally developed by Computer Associates' eTrust Directory development lab. It is a standards compliant general purpose ldap browser that can be used to read and search any ldap directory, or any X500 directory with an ldap interface. It is available for immediate free download under a standard OSI-style open source licence. This has been added to [World Wide Web Reference](#) Subject Tracer™ Information Blog.



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### **Mactracker**

<http://www.mactracker.ca/>

Mactracker provides detailed information on every Apple Macintosh computer ever made, including items such as processor speed, memory, optical drives, graphic cards, supported Mac OS versions, and expansion options. Also included is information on Apple mice, keyboards, displays, printers, scanners, digital cameras, iPod, AirPort Base Stations, Newton, and Mac OS versions. This has been added to [World Wide Web Reference](#) Subject Tracer™ Information Blog.

### **RefWorks - Online Research Management, Writing and Collaboration Tool**

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

RefWorks -- an online research management, writing and collaboration tool -- is designed to help researchers easily gather, manage, store and share all types of information, as well as generate citations and bibliographies. If you need to manage information for any reason -- whether it be for writing, research or collaboration -- RefWorks is one of a number of tools that can do the job for you. Use the tutorials and information resources on their site to work with RefWorks! This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog.

### **RDOC - Ruby Documentation System**

<http://rdoc.sourceforge.net/doc/index.html>

This package contains Rdoc and SimpleMarkup. Rdoc is an application that produces documentation for one or more Ruby source files. We work similarly to Javadoc, parsing the source, and extracting the definition for classes, modules, and methods (along with includes and requires). We associate with these optional documentation contained in the immediately preceding comment block, and then render the result using a pluggable output formatter. (Currently, HTML is the only supported format. Markup is a library that converts plain text into various output formats. The Markup library is used to interpret the comment blocks that Rdoc uses to document methods, classes, and so on. This has been added to [World Wide Web Reference](#) Subject Tracer™ Information Blog.

### **Sysinternals Freeware**

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

The Sysinternals web site provides you with advanced utilities, technical information, and source code related to Windows internals that you won't find anywhere else. Mark Russinovich and Bryce Cogswell alone write and update everything here. This has been added to [World Wide Web Reference](#) Subject Tracer™ Information Blog.

### **shortText - Post and Share Information**

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

shortText.com is a site where you can post any information and share it with others. Post your text below and they will save it and generate a URL for you. This URL is for you to distribute, print, post! Don't have a website? Don't want a blog? Want to share a piece of code...perhaps a recipe? Just shortText it! In case you don't want to share the information



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you post with everyone, you can lock it with a 'key' of your choice and give the URL and key to the people who are privy to this information. Locked text will not appear in search results. This has been added to the tools section of [Research Resources](#) Subject Tracer™ Information Blog.

### **Project Honey Pot**

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

Project Honey Pot is the first and only distributed system for identifying spammers and the spambots they use to scrape addresses from your website. Using the Project Honey Pot system you can install addresses that are custom-tagged to the time and IP address of a visitor to your site. If one of these addresses begins receiving email we not only can tell that the messages are spam, but also the exact moment when the address was harvested and the IP address that gathered it. This has been added to spam resources section of [Internet Hoaxes](#) Subject Tracer™ Information Blog.

### **SnapFiles - Download Freeware and Shareware Software Programs, Fully Reviewed and Rated**

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

Downloading quality software files from the Internet is a snap, with SnapFiles! They are a download site that provides access to thousands of Windows software titles, that are either free to keep (freeware) or can be downloaded as a free trial (shareware). They do not make any of the software! Each product is submitted by a software company or developer - a link to the developer's web site is included with every description. What they do is review and rate the software, categorize it and make it available to you. They are one of the oldest and most popular download sites on the internet and have served many millions of visitors over the years. SnapFiles (then WebAttack.com) was established in 1997. What makes them different from other download sites? 1) They download and test EVERY program before listing it, 2) They create the screenshots, 3) If it's not working for them, it will not be listed, 4) If it appears to be a waste of your time, they won't list it, and 5) If they have any doubts as to the integrity of the software and/or author, they will not list it. This has been added to [World Wide Web Reference](#) Subject Tracer™ Information Blog.

### **November 2006 Zillman Column - Genealogy Resources On the Internet**

[http://VirtualPrivateLibrary.BlogSpot.com/Genealogy Resources Nov06 Column.pdf](http://VirtualPrivateLibrary.BlogSpot.com/Genealogy%20Resources%20Nov06%20Column.pdf)  
<http://www.zillmancolumns.com/>

The November 2006 Zillman Column is now available and is titled **Genealogy Resources On the Internet**. This November 2006 column Genealogy Resources On the Internet is a comprehensive list of genealogy resources and sites on the Internet including associated and related sources. Resources to track our family history are plentiful on the Internet and this column brings to light some of the latest and greatest resources for you! Creating your family tree is just a click away! Download this excellent 16 page free .pdf (499KB) column today and start your journey into online resources for genealogy on the Internet!



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## **MathWorld™**

<http://mathworld.wolfram.com/>

MathWorld™ is the web's most extensive mathematical resource, provided as a free service to the world's mathematics and internet communities as part of a commitment to education and educational outreach by Wolfram Research, makers of Mathematica. MathWorld has been assembled over more than a decade by Eric W. Weisstein with assistance from thousands of contributors. Since its contents first appeared online in 1995, MathWorld has emerged as a nexus of mathematical information in both the mathematics and educational communities. It not only reaches millions of readers from all continents of the globe, but also serves as a clearinghouse for new mathematical discoveries that are routinely contributed by researchers. Its entries are extensively referenced in journals and books spanning all educational levels, including those read by researchers, elementary school students and teachers, engineers, and hobbyists. MathWorld continues to grow and evolve with the assistance of thousands of contributors. Careful oversight of all aspects of its content and interface by creator Eric Weisstein, and more recently with able assistance from MathWorld associate Ed Pegg, Jr., provides an exacting level of quality, accuracy, and consistency. As a result, MathWorld is considered not only the clearest and most readable online resource for mathematics, but also one of the most reliable. MathWorld is actively developed and maintained. The site is updated daily, thus achieving extremely rapid communication of new and extended results--many of which are provided by outside contributors--while at the same time maintaining a degree of editorial oversight and consistency across (and among) the site's nearly 13,000 entries that is simply not possible for other sites. This has been added to [Research Resources](#) Subject Tracer™ Information Blog.

## **International PGP Home Page**

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

The purpose of the International PGP Home Page is to promote the use of PGP worldwide, and to be a resource pool for information on the PGP program and the OpenPGP standard. This has been added to the [World Wide Web Reference](#) Subject Tracer™ Information Blog.

## **Snort® - An Open Source Network Intrusion Prevention and Detection System**

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

Snort® is an open source network intrusion prevention and detection system utilizing a rule-driven language, which combines the benefits of signature, protocol and anomaly based inspection methods. With millions of downloads to date, Snort is the most widely deployed intrusion detection and prevention technology worldwide and has become the de facto standard for the industry. This has been added to [World Wide Web Reference](#) Subject Tracer™ Information Blog. This will be added to [Security Resources 2006](#) Internet MiniGuide.



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## **International Data Base (IDB) - Demographic and Socioeconomic Statistics for 228 Countries**

<http://www.census.gov/ipc/www/idbnew.html>

The International Data Base (IDB) is a computerized source of demographic and socioeconomic statistics for 228 countries and areas of the world. The IDB was created in the Census Bureau's International Programs Center (IPC) in response to the information requirements of IPC staff to meet the needs of organizations that sponsor IPC's research efforts. The IDB provides quick access to specialized information, with emphasis on demographic measures, for individual countries or selected groups of countries of the world. The IDB combines data from country sources (especially censuses and surveys) with IPC's estimates and projections to provide information dating back as far as 1950 and as far ahead as 2050. Because the IDB is maintained at IPC as a research tool in response to sponsor requirements, the amount of information available for each country may vary. As funding and research activity permit, IPC will update and expand the coverage. The various government agencies, international organizations, and others who sponsor IPC's research program support and benefit from the IDB. This has been added to [Internet Demographics](#) Subject Tracer™ Information Blog. This has been added to [Statistics Resources](#) Subject Tracer™ Information Blog. This will be added to [International Trade Resources 2006](#) Internet MiniGuide.

## **Awareness Watch™ Paper Review**

### **The Acquisition of Open Access Research Articles by Arthur Sale**

[http://www.firstmonday.org/issues/issue11\\_10/sale/index.html](http://www.firstmonday.org/issues/issue11_10/sale/index.html)

#### **Abstract:**

The behavior of researchers when self-archiving in an institutional repository has not been previously analyzed. This paper uses available information for three repositories analyzing when researchers (as authors) deposit their research articles. The three repositories have variants of a mandatory deposit policy. It is shown that it takes several years for a mandatory policy to be institutionalized and routinized, but that once it has been the deposit of articles takes place in a remarkably short time after publication, or in some cases even before. Authors overwhelmingly deposit well before six months after publication date. The OA mantra of 'deposit now, set open access when feasible' is shown to be not only reasonable, but fitting what researchers actually do.



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## **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 sources 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/>

Accessibility Resources

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

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/>

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/>



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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/>



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Internet Alerts

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

Internet Demographics

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

Internet Experts

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

Internet Hoaxes

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

Journalism Resources

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

ShoppingBots

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

Social Informatics

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



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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, tutor, author, 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 46 Subject Tracer™ Information Portals and Blogs, written a number of internet miniguides and books, hosted over 160 weekly Internet television shows, written a weekly and monthly column on Current Awareness on the Internet and delivers keynote presentations throughout the international marketplace. He also actively delivers one and two day workshops for key industry



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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://marcuszillman.blogspot.com/>

White Papers by Marcus P. Zillman

<http://www.WhitePaper.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.ResourceSeries.com/>

Watch Marcus™

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

listen to marcus™

<http://www.ListenToMarcus.com>



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**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/>

Business Intelligence Online Resources

<http://zillman.blogspot.com/2005/04/business-intelligence-online-resources.html>

Current Awareness Discovery Tools on the Internet

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

Deep Web Research 2006 Article - LLRX

<http://zillman.blogspot.com/2006/01/llrx-january-2006-issue-deep-web.html>

Healthcare Bots and Subject Directories

<http://zillman.blogspot.com/2005/05/healthcare-bots-and-subject.html>

Information Detective – Online Streaming Tutorial Videos

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

Knowledge Discovery Resources 2006

<http://zillman.blogspot.com/2005/03/knowledge-discovery-resources-2006.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>



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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/>



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