Bot Research Resources On the Internet

By

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This March 2007 column Bot Research Resources On the Internet is a comprehensive list of resources on the Internet for Bots and Intelligent Agents including associated and related online sources. The below list is taken from my current Subject Tracer™ Information Blog titled Bot Research and is constantly updated with Subject Tracer™ bots at the following URL:

http://www.BotResearch.info/

These resources and sources will help you to discover the many pathways available to you through the Internet for obtaining and locating information for online bots and intelligent agents.

Bot Research Resources and Sites:

1st Spot
http://1st-spot.net/topic_agents.html

Agent-Based Software Development
http://www.ecs.soton.ac.uk/~mml/absd/index.html

Agent Construction Tools
http://www.agentbuilder.com/

AgentLand
http://www.agentland.com/

AgentLink
http://www.AgentLink.org/
Build a Web Spider on Linux - A Simple Spider and Scraper Collects Internet Content
http://snipurl.com/128e6

Cetus Links - Mobile Agents
http://www.cetus-links.org/oo_mobile_agents.html

ChatterBots
http://www.ChatterBots.info/

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

Deep Web Research
http://www.deepwebrseach.info/

Design of a Parallel and Distributed Web Search Engine by Salvatore Orlando, Raffaele Perego, and Fabrizio Silvestri
http://arxiv.org/abs/cs.IR/0407053

Dictionary of Algorithms and Data Structures
http://www.nist.gov/dads/

Eliza - The Original ChatterBot
http://www-ai.ijs.si/eliza/eliza.html

FAME (Facilitating Agents in Multiculture Exchange) Project
http://isl.ira.uka.de/fame/

Fantomas Spider Spy™ The BotBase
http://fantomaster.com/fasvsspy01.html

Foundation for Intelligent Physical Agents
http://www.fipa.org/

FyberSearch
http://www.fybersearch.com/

GeneSys Middleware
http://sourceforge.net/projects/genesys-mw/
Google Guide
http://www.googleguide.com/

Indexing Robot Crawler Checklist

Institute for Human and Machine Cognition (IHMC)
http://www.ihmc.us/

Intellexer - Custom Built Search Engines, Knowledge Management Tools, Natural Language Processing
http://www.intellexer.com/

Internet Agents - CWS Apps

Internet Mathematics
http://www.InternetMathematics.org/

Journal of Mathematical Modelling and Algorithms
http://www.springerlink.com/link.asp?id=108992

KiwiLogic
http://www.kiwilogic.com/

Knowledge Discovery
http://www.knowledgediscovery.info/

Koders - Source Code Search Engine
http://koders.com/

LifeFX
http://www.lifefxtechnologies.com/

LAIR - Research Projects of the Laboratory of Applied Informatics Research
http://lair.indiana.edu/research/

List of User-Agents (Spiders, Robots, Crawler, Browser)
Minimal-Intelligence Agents for Bargaining Behaviors in Market-Based Environments by Dave Cliff and Janet Bruten  

MIT Media Lab: Software Agents  
http://agents.media.mit.edu/index.html

Modelling and Mining of Network Information Systems  
http://www.mathstat.dal.ca/~mominis/index.html

MultiAgent  
http://www.MultiAgent.com/

MySpiders  
http://myspiders.informatics.indiana.edu/

OpenKapow - Serving Mashups For the Long Tail of the Web  
http://www.openkapow.com/

Open Source Web Information Retrieval (OSWIR05)  
http://www.emse.fr/OSWIR05/

Oxyus Search Engine  
http://sourceforge.net/projects/oxyus/

PhpDig.net - Web Spider and Search Engine  
http://www.phpdig.net/

Robots, Spiders and Other User Agents: A Resource for WebMasters  
http://joseluis.pellicer.org/ua/

Robots.Txt Checker - Validator for Robots.txt Files  
http://tool.motoricerca.info/robots-checker.phtml

RobotsTxt.org  
http://www.robotsTxt.org/

Searchbots - Uniquely Searching the Internet  
http://www.Searchbots.net/
Search Engine Robots
http://www.jafsoft.com/searchengines/webbots.html

Search Engine Watch News
http://www.searchenginewatch.com/

Search Tools - Information Guides and News
http://www.searchtools.com/

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

Semantic Web
http://www.semanticweb.org/

ShoppingBots
http://www.ShoppingBots.info/

SiteMaps.org
http://www.SiteMaps.org/

Smarter Bots
http://www.SmarterBots.com/

SocSciBot3
http://socscibot.wlv.ac.uk/

Spider Hunter
http://www.spiderhunter.com/

SpiderMakers
http://www.spidermakers.com/index.shtml

Spidering Hacks
http://www.oreilly.com/catalog/spiderhks/

Structure and Interpretation of Computer Programs - Video Lectures by Hal Abelson and Gerald Jay Sussman
http://www.swiss.ai.mit.edu/classes/6.001/abelson-sussman-lectures/
Supybot, A Superb Python IRC Bot
http://freshmeat.net/projects/supybot/?branch_id=31808&release_id=181322

Swoogle - Semantic Bot
http://swoogle.umbc.edu/

The CGI Resource Index: Programs and Scripts: Perl: Searching
http://cgi.resourceindex.com/Programs_and_Scripts/Perl/Searching/

The Intelligent Software Agents Lab
http://www-2.cs.cmu.edu/softagents/

The Search Engine Project (TSEP)
http://freshmeat.net/projects/tsep/

The Simon Lavern Page - ChatterBots
http://www.simonlaven.com/

The Web Robots Pages
http://www.robotstxt.org/wc/robots.html

UMBC AgentWeb
http://agents.umbc.edu/

UMBC eBiquity
http://ebiquity.umbc.edu/

Webbot - the W3C libwww Robot
http://www.w3.org/Robot/

Web Curator Tool (WCT)
http://webcurator.sourceforge.net/

Web Data Extractors - White Paper Link Compilation

Web Intelligence Consortium
http://wi-consortium.org/

Web IR & IE
http://www.webir.org/
Subject Tracer™ Information Blogs

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

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

Agriculture Resources
http://www.AgricultureResources.info/

Artificial Intelligence Resources
http://www.AIResources.info/

Astronomy Resources
http://www.AstronomyResources.info/

Auction Resources
http://www.AuctionResources.info/

Biological Informatics
http://www.BiologicalInformatics.info/

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/

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/
Script Resources
http://www.WscriptResources.info/

ShoppingBots
http://www.ShoppingBots.info/

Social Informatics
http://www.SocialInformatics.info/

Statistics Resources
http://www.StatisticsResources.info/

Student Research
http://www.StudentResearch.info/

Theology Resources
http://www.TheologyResources.info/

Tutorial Resources
http://www.TutorialResources.info/

World Wide Web Reference
http://www.WWWReference.info/
Figure 2 Virtual Private Library™

Author Information: Marcus P. Zillman, M.S., A.M.H.A. Executive Director of the Virtual Private Library is an international Internet expert, author, keynote speaker and corporate consultant in the area of information retrieval, knowledge discovery, knowledge harvesting, artificial intelligence and bots/intelligent agents. He has created numerous world wide web sites including 47 Subject Tracer™ Information Portals and Blogs; written a number of internet miniguides, white papers, manuals and books; hosted over 160 weekly Internet television shows, writes a weekly and monthly column on Current Awareness on the Internet; writes a monthly newsletter Awareness Watch and delivers keynote presentations throughout the international marketplace. He also actively delivers one and two day workshops for key industry sectors displaying how the Internet can be used as a tool to maintain current awareness and professional competencies.

Additional websites by Marcus P. Zillman, M.S., A.M.H.A.:

Marcus P. Zillman's Blog
http://www.zillman.us/

Marcus P. Zillman Abbreviated Bio
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Business Intelligence Online Resources
http://zillman.blogspot.com/2005/04/business-intelligence-online-resources.html

Current Awareness Discovery Tools on the Internet

Deep Web Research 2007 Article - LLRX

Healthcare Bots and Subject Directories

Information Detective – Online Streaming Tutorial Videos
http://www.InformationDetective.com/

Knowledge Discovery Resources 2007

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

Searching the Internet
http://www.SearchingTheInternet.info/

Using the Internet As a Dynamic Resource Tool for Knowledge Discovery

Web Data Extractors

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 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
http://www.ecurrentAwareness.com/