

Awareness Watch™ Newsletter

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

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

V15N8

August 2017

Welcome to the V15N8 August 2017 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 covers the following areas and subjects that are constantly monitored by our Subject Tracer™ Bots from both the world wide web and deep web. The areas and subjects covered in this month’s Awareness Watch are as follows:

Peer to Peer (P2P), File Sharing, Grid and Matrix Search Engines

Semantic Web Research Resources

Artificial Intelligence Resources

Bot and Intelligent Agent Research Resources and Sites



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Peer to Peer (P2P), File Sharing, Grid and Matrix Search Engines

ALPINE Network - SourceForge: Project

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

Azureus - Vuze Java Bittorrent Client

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

BadBlue [Uncensored News]

<http://badblue.com/>

Between Rhizomes and Trees: P2P Information Systems by Bryn Loban

<http://firstmonday.org/ojs/index.php/fm/article/view/1182>

BigChampagne

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

Bitmessage - P2P Communication Protocol To Send Encrypted Messages

https://bitmessage.org/wiki/Main_Page

Bit Torrent Official Site and Search Engine

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

Coral - The Coral P2P Content Distribution Network

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

Capn's PHP Gnutella Search [Only code is available for download]

<http://capnbry.net/gnutella/gs.php>

ClearBits - BitTorrent distribution of open licensed media

<https://twitter.com/clearbits>

Distributed Search Engines

<http://www.openp2p.com/pub/t/74>

Distributed Search in P2P Networks

<http://www.computer.org/csdl/mags/ic/2002/01/w1068-abs.html>

FAROO - P2P Web Search

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

FilesOverMiles - Browser to Browser File Sharing (P2P)

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



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Filetopia - File sharing tool with public key encryption

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

Free Haven Project

<http://www.freehaven.net>

Frost Project - Freenet Messaging and File Sharing Client

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

FuzzBox: Tangent Research Artificial Intelligence and Robotics

http://tangentresearch.com/news/07252001_p2p_ai.html

GNUnet – Secure P2P Networking - Free Software Foundation (FSF)

<https://gnunet.org/>

Grid, Distributed and Cloud Computing Resources 2017

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

GNU GRUB – Multiboot Boot Loader

<http://www.gnu.org/software/grub/>

Ian Clarke's Blog

<http://blog.locut.us/>

infinet - Re-imaging the Way You Send Files

<https://infinet.io/>

Internet Movie Database (IMDb)

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

IPFS Distributed Web

<https://ipfs.io/>

MoleSter - A Tiny File-Sharing Application

<http://ansuz.sooke.bc.ca/software/molester/>

MusicBrainZ – Open Music Encyclopedia

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

MysterNetworks - The Evolution of Peer-to-Peer

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

Open Directory - File Sharing

http://dmoz.org/Computers/Software/Internet/Clients/File_Sharing/



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Open Directory - MP3 Search Engines

http://dmoz.org/Arts/Music/Sound_Files/MP3/Search_Engines/

OpenNap: Open Source Napster Server

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

OpenP2P.com

<http://www.openp2p.com/>

**P2P and the Future of Private Copying by Peter K. Yu, Michigan State University
College of Law**

http://papers.ssrn.com/sol3/papers.cfm?abstract_id=578568

Peer-To-Peer Wikipedia

<http://en.wikipedia.org/wiki/Peer-to-peer>

Peer to Peer File Sharing - P2P Networking

http://compnetworking.about.com/od/p2ppeertopeer/Peer_to_Peer_File_Sharing_P2P_Networking.htm

Port Knocking

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

PowerFolder - P2P Whole Folder Synchronization

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

Rodi - Tiny P2P Client/Host

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

Skype

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

Slyck - File Sharing News and Info

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

Stealth Mode Online Privacy Resources 2017

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

Swarm - A Transparently Scalable Distributed Programming Language

<http://swarmframework.org/>

The Anthill Project

<http://www.cs.unibo.it/projects/anthill/>



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The Freenet Project

<http://freenetproject.org/>

ToPeer

<http://www.2peer.com/>

Transmission - Fast, Easy and Free BitTorrent Client

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

Tribler - A Social Community That Facilitates Filesharing Through P2P

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

TrustyFiles

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

Understanding BitTorrent: An Experimental Perspective by Arnaud Legout, Guillaume Urvoy-Keller, and Pietro Michiardi

<http://hal.inria.fr/inria-00000156/en>

WASTE (Secure P2P communication)

<http://slackerbitch.free.fr/waste/>

YaCy - Distributed P2P Based Web Indexing and Anonymous Search Engine

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

YouServ - A P2P (peer-to-peer) Web Hosting/File Sharing System

<http://www.bayardo.org/youserv/>

Zebra – Structured Text Indexing and Retrieval

<http://www.indexdata.com/zebra>

Zilok - Peer To Peer Rental Marketplace

<http://zilok.com/>

Semantic Web Research Resources

Analyzing Social Networks on the Semantic Web

<http://ebiquity.umbc.edu/paper/html/id/202/?EBS=d259cb1bacc16993d8f13615a1925762>

DARPA Agent Markup Language

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



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Deep Search, Wide Search and Everything Else You Should Know About Semantic Search

<http://www.dataversity.net/deep-search-wide-search-everything-else-know-semantic-search/>

Digital Object Identifier (DOI)

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

FOAF Project - A Semantic Web Application

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

Foundation for Intelligent Physical Agents (FIPA)

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

GoodRelations Vocabulary - Semantic Web Based eCommerce

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

Infomesh's Semantic Web Introduction

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

International Journal of Metadata, Semantics and Ontologies (IJMSO)

<http://www.inderscience.com/jhome.php?jcode=ijms0>

Jena – A Semantic Web Framework for Java

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

Journal of Biomedical Semantics

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

Journal of Web Semantics

<http://www.journals.elsevier.com/journal-of-web-semantics>

Journal of Web Semantics: Preprint Server

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

Knowledge Discovery

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

KnowledgeNets

<http://wissensnetze.ag-nbi.de/>



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

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

Magpie - The Samatic Filter and Tool For the Semantic Web

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

MetaData at W3C

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

MindRaider - Semantic Web Outliner

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

OASIS - Advancing eBusiness Standards

<https://www.oasis-open.org/>

Ontology Metadata Vocabulary (OMV)

<http://omv2.sourceforge.net/>

O'Reilly's Semantic Web Primer

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

pOWL - Semantic Web Development Plattform

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

RDF - Resource Description Framework

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

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

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

SameAs.org - Interlinking the Web of Data

<http://sameas.org/>

SAO/NASA Astrophysics Data System (ADS)

<http://adswww.harvard.edu/>

SemanticDeskTop.org

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

Semantic Knowledge Technologies and Language Computation

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



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SemanticWeb.org - The Semantic Web Community Portal

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

Semantic Web Activity Statement

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

Semantic Web Application Platform - SWAP

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

Semantic Web for AURIS-MM

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

Semantic Web In Breadth

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

Semantic Web Primer for Object-Oriented Software Developers

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

Semantic Web Roadmap

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

Semantic Web Search Engine

<http://ws.nju.edu.cn/falcons/objectsearch/index.jsp>

Semantic Web Search Engine (SWSE)

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

Semantic Web Services Challenge

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

Semantic Web - The Voice of Semantic Web Technology

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

Semantic Web W3C

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

SenseBot - Semantic Search Engine That Finds Sense On the Web

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

Simile Widgets – Free, Open-Source Data Visualization Web Widgets and More

<http://simile-widgets.org/>



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Sindice - The Semantic Web Index

<http://sindice.com/>

SourceForge.net: Project Info - OWL API

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

Swoogle - Semantic Bot

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

SWRL: A Semantic Web Rule Language Combining OWL and RuleML

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

Terbium Labs - Matchlight Proactive Security In an Insecure World

<https://terbiumlabs.com/>

The Authoritative Resource List for the Semantic Web by Kaila Strong

<http://www.verticalmeasures.com/search-optimization/the-authoritative-resource-list-for-the-semantic-web/>

The Cover Pages

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

The RDF Query Language (RQL)

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

The Semantic Web: An Introduction

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

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

<http://www.scientificamerican.com/article.cfm?id=the-semantic-web>

The Semantic Web Is Your Friend

<http://web.freepint.com/go/newsletter/160#feature>

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

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

uClassify - Free Text Classified Web Service

<http://uclassify.com/>

Watson Web - Exploring the Semantic Web

<http://watson.kmi.open.ac.uk/WatsonWUI/>



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

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

Web Service Modeling Ontology

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

Wilbur Toolkit for Semantic Web Programming [Project no longer actively maintained]

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

World Wide Web Reference 2017

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

XML.com: Semantic Web

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

XML.org

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

Yahoo Groups - SemanticWeb

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

Artificial Intelligence Resources

20Q.net - An Experiment in Artificial Intelligence

<http://www.20q.net/>

4 Ways Artificial Intelligence Will Change Just About Everything

<http://www.business2community.com/brandviews/salesforce/4-ways-artificial-intelligence-will-change-just-everything-01622417#7BUdk8QzRwIxYIcD.97>

7 Factors Driving the Artificial Intelligence Revolution

<http://singularityhub.com/2016/08/29/7-factors-driving-the-artificial-intelligence-revolution/>

About Intelligence

<http://www.aboutintelligence.co.uk/>

Adaptive Artificial Intelligence

<http://adaptiveai.com/>



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ADATE System - Automatic Design of Algorithms Through Evolution

<http://www-ia.hiof.no/~rolando/index.html>

A Designer's Guide to the \$15 Billion Artificial Intelligence Industry

<http://www.fastcodesign.com/3061163/a-designers-guide-to-the-15-billion-artificial-intelligence-industry>

AI2 - Allen Institute for Artificial Intelligence

<http://allenai.org/>

AI Access Foundation

<https://www.jair.org/aiaf.html>

AI Dreams - Forum for the Discussion of Artificial Intelligence and Linked Materials Such as Robotics, Character Design, Movies and New Technology

<http://www.aidreams.co.uk/>

AI Education Repository [Site no longer Maintained]

<http://www.cs.cofc.edu/~manaris/ai-education-repository/>

AI FAQ Index

<http://www.faqs.org/faqs/ai-faq/>

Ai Forums

<http://www.ai-forum.org/>

AI Genealogy Project

<http://content.iospress.com/articles/ai-communications/aic371>

AI Impacts

<http://aiimpacts.org/>

AI Influencers 2017 – Top 30 People In AI You Should Follow on Twitter

<https://www.ibm.com/blogs/watson/2017/02/ai-influencers-2017-top-25-people-ai-follow-twitter/>

AI is Now the Best Friend IT Ever Had by Abbas Haider Ali

<https://venturebeat.com/2017/04/08/ai-is-now-the-best-friend-it-ever-had/>

AI Lab University of Zurich

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

AIML – Artificial Intelligence Markup Language

<http://www.alicebot.org/aiml.html>



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AI/ML Reads

<http://aireads.top/>

AI on the Web

<http://aima.cs.berkeley.edu/ai.html>

AI Repositories and Resource Lists

<http://www.cs.cmu.edu/afs/cs.cmu.edu/project/ai-repository/ai/html/other/repositories.html>

Ai Research

<http://www.a-i.com/>

AI Resources

<http://AIResources.org/>

AI Resources – Association for the Advancement of Artificial Intelligence

<http://www.aaai.org/Resources/resources.php>

AISB - The Society for the Study of Artificial Intelligence and the Simulation of Behaviour

<http://www.aisb.org.uk/>

AI Topics

<http://aitopics.org/>

AlchemyLanguage

<https://alchemy-language-demo.mybluemix.net/>

Algorithms, Automation and News

<http://www.algorithmic.news/>

An Absolute Beginner's Guide To Machine Learning, Deep Learning and AI

<https://www.techinasia.com/ai-machine-deep-learning>

American Association for Artificial Intelligence (AAAI)

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

Amzi!

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

api.ai - Speech Interface for Apps and Devices

<http://api.ai/>



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Applied Soft Computing

<http://www.sciencedirect.com/science/journal/15684946>

Appreciative Inquiry Commons

<http://appreciativeinquiry.case.edu/>

Aristo - Answer Questions with a Knowledgeable Machine

<http://allenai.org/aristo.html>

Artificial Intelligence: A Modern Approach

<http://aima.cs.berkeley.edu/>

Artificial Intelligence and Future Scenarios

<https://frankdiana.net/2016/08/03/artificial-intelligence-and-future-scenarios/>

Artificial Intelligence App

http://www.appszoom.com/android_applications/education/artificial-intelligence_fkxu.html

Artificial Intelligence By Jonathan Crowhurst

<http://web.freepint.com/go/newsletter/164#tips>

Artificial Intelligence – Game Changing AI Innovations

<https://www.accenture.com/us-en/artificial-intelligence-index>

Artificial Intelligence Graduate Certificate

<http://scpd.stanford.edu/public/category/courseCategoryCertificateProfile.do?method=load&certificateId=1226717>

Artificial Intelligence Podcast

<http://a16z.com/2015/11/15/artificial-intelligence/>

Artificial Intelligence Resources

<http://digitalmind.io/post/artificial-intelligence-resources>

Artificial Intelligence – Wikipedia

https://en.wikipedia.org/wiki/Artificial_intelligence

Artificial Intelligence Will Speak Its Own Language – Soon

<https://medium.com/@ScienceEditor/artificial-intelligence-will-speak-its-own-language-soon-411eb13a1aeb>

Artificially Intelligent: A Brief Glossary of the Ideas Behind AI

<http://www.cnet.com/news/artificially-intelligent-a-brief-glossary-of-the-ideas-behind-ai/>



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Association for Uncertainty in Artificial Intelligence (AUAI)

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

Asteria - World's First Artificial Intelligence Companion

<https://getasteria.com/>

AutoStitch - A New Dimension In Automatic Image Stitching

<http://cs.bath.ac.uk/brown/autostitch/autostitch.html>

A Visual Introduction to Machine Learning

<http://www.r2d3.us/visual-intro-to-machine-learning-part-1>

Babel - A Language for Talking To Computers

<http://babelproject.com/>

Beagle - AI Contract Analysis and Productivity Tool

<http://beagle.ai/>

Benchmarking CrunchBases's Top 25 Artificial Intelligence Startups

<http://www.forbes.com/sites/louiscolumbus/2016/06/22/benchmarking-crunchbases-top-25-artificial-intelligence-startups/#3932225a69fd>

Bibliographies on Artificial Intelligence

<http://iinwww.ira.uka.de/bibliography/Ai/>

BLIASoft Knowledge Discovery

<http://www.bliasoft.com/Eindex.html>

Bot Research

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

BRAIN: Broad Research in Artificial Intelligence and Neuroscience

<http://brain.edusoft.ro/index.php/brain>

BrainHat - Natural Language Environment

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

BrainMaker (California Scientific) Neural Network Software

<http://www.calsci.com/index.html>

Buddy.ai - Artificial Intelligence for Modernized Customer Support

<http://everbuddy.io/>



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Canada Sets Up \$93 Million Fund To Promote Artificial Intelligence In Its Academies

<http://www.nearshoreamericas.com/canada-fund-promote-artificial-intelligence/>

Catalogue of Artificial Intelligence Techniques

<http://aicat.inf.ed.ac.uk/entry.php?id=554>

CGAL - Computational Geometry Algorithms Library

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

ChatterBots

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

Cheat Sheet – 10 Machine Learning Algorithms & R Commands

<http://vitalflux.com/cheat-sheet-10-machine-learning-algorithms-r-commands/>

Choosing the Right Estimator for Machine Learning Problems

http://scikit-learn.org/stable/tutorial/machine_learning_map/

clarke.ai - AI Assistant for Conference Calls

<https://www.clarke.ai>

CognitiveScale® - Augmented Intelligence Primer

<https://www.cognitivescale.com/augmented-intelligence-you-can-trust/>

CognitionX - Community and Directory of All Things AI

<http://cognitionx.com/>

Competing in the Age of Artificial Intelligence by Philipp Gerbert, Jan Justus and Martin Hecker

<https://www.bcgperspectives.com/content/articles/strategy-technology-digital-competing-age-artificial-intelligence/>

Cybernetics and Systems Analysis

<http://link.springer.com/journal/10559>

DataRobot - Build Better Predictive Models - Faster

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

Data Mining Resources 2017

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

DatumBox - Classifiers and Natural Language Processors

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



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Deep Learning

<http://deeplearning.net/>

Deep Learning Tutorials

<http://deeplearning.net/tutorial/>

DeepMind - World Leader In Artificial Intelligence Research

<https://deepmind.com/>

Dreams From Creativity Machines by Imagination Engines and Neural Network Pioneer Dr. Stephen Thaler

<http://www.Imagination-Engines.com/>

Edinburgh University, Artificial Intelligence

<http://www.ed.ac.uk/schools-departments/informatics/>

Elzware - Conversational Systems

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

Encog - A Neural Network Framework for C# and Java

<http://www.heatonresearch.com/encog>

Ersatz - Deep Neural Networks In the Cloud

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

Evolutionary Intelligence

<http://www.springer.com/engineering/computational+intelligence+and+complexity/journal/12065>

FacebookResearch> Library for Fast Text Representation and Classification

<https://github.com/facebookresearch/fastText>

Feng-GUI - Feng Shui For Graphic User Interfaces™

<http://www.feng-gui.com/>

FloydHub Is Heroku for Deep Learning (DL)

<https://www.floydhub.com/>

Framsticks - Artificial Life - 3D Evolution and Simulation

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

Franz, Inc. Web 3.0's database

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



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Free Online Directory of Computing (FOLDOC)

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

From Man To Machine - Innovation In Automation and Artificial Intelligence

<http://www.computerscienceonline.org/cutting-edge/automation-ai/>

Fuzzy.ai - Build Smarter Software

<https://fuzzy.ai/>

Generation5 [Last updated 2012]

<http://www.generation5.org/>

Genetic Algorithms and Artificial Life Resources

http://www.doc.ic.ac.uk/~nd/surprise_96/journal/vol2/tcw2/article2.html

Gnod - Experimental AI Self Adapting System

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

H2O.ai – Brings AI to Enterprise

<http://www.H2O.ai/>

Heuristics and Artificial Intelligence in Finance and Investment [Book]

<http://aiinfinance.com/>

How To Accelerate Value Creation Through Artificial Intelligence

<https://www.forbes.com/sites/peterbendorsamuel/2017/04/12/how-to-accelerate-value-creation-through-artificial-intelligence/>

Hulbee - Intelligent Answer Engine

<https://hulbee.com/>

IBM Artificial Intelligence – Watson APIs and Solutions

<https://www.ibm.com/watson/>

IBM Watson Services

<http://www.ibm.com/smarterplanet/us/en/ibmwatson/developercloud/services-catalog.html>

Imagination-Engines

<http://www.Imagination-Engines.com/>

Index of Best AI/Machine Learning Resources

<https://hackernoon.com/index-of-best-ai-machine-learning-resources-71ba0c73e34d>



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init.ai - Powers the Future of Conversation

<https://www.init.ai/>

Institute for Human and Machine Cognition (IHMC)

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

Intel Artificial Intelligence – The AI Era Is Here

<http://www.intel.com/Artificial/Intelligence>

Interesting AI Demos and Projects

<http://pages.cs.wisc.edu/~dyer/cs540/demos.html>

International Association of Artificial Intelligence and Law (IAAIL)

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

International Journal on Artificial Intelligence Tools (IJAIT)

<http://www.worldscientific.com/worldscinet/ijait>

Java Applets for Neural Network and Artificial Life

<http://staff.aist.go.jp/utsugi-a/Lab/Links.html>

Joone - Java Object Oriented Neural Engine

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

Journal of Artificial Intelligence Research

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

Journal of Artificial Societies and Social Simulation

<http://jasss.soc.surrey.ac.uk/JASSS.html>

Journal of Interesting Negative Results in Natural Language Processing and Machine Learning (JINR)

<http://jinr.site.uottawa.ca/>

Journal of Machine Learning Research

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

KurzweilAI.net

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

Let's Take an In-Depth Look at Current Advances in Artificial Intelligence by Trevor English

<http://interestingengineering.com/in-depth-look-at-current-advances-artificial-intelligence/>



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List of the Best Resources to Learn the Foundations of Artificial Intelligence
<https://medium.com/@rayalez/list-of-the-best-resources-to-learn-the-foundations-of-artificial-intelligence-934dbce5939>

Logic Programming Associates - LPA
<http://www.lpa.co.uk>

Lurchr - I Keep Track of What's Shared by Your Team So You Can Stay Focused On Work
<https://lurchr.com/>

Machine Learning Algorithm Cheat Sheet for Microsoft Azure Machine Learning Studio
<https://azure.microsoft.com/en-in/documentation/articles/machine-learning-algorithm-cheat-sheet/>

Machine Learning Cheat Sheet
<http://eferm.com/machine-learning-cheat-sheet/>

Machine Translation
<http://link.springer.com/journal/10590>

MindMeld - Advanced Artificial Intelligence To Power the New Generation of Intelligent Conversational Interfaces
<https://www.mindmeld.com/>

Minds and Machines
<http://link.springer.com/journal/11023>

MIRI - Machine Intelligence Research Institute
<https://intelligence.org/>

MIT AI Lab Research Projects
<http://www.csail.mit.edu/research/>

MOA (Massive Online Analysis)
<http://moa.cms.waikato.ac.nz/>

Motion AI - Artificial Intelligence Made Easy
<http://motion.ai/>

Natural Computing: An International Journal
<http://link.springer.com/journal/11047>



Neurence - Intelligent Information Platform

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

Neuron AI Directory: Artificial Intelligence Resources

<http://www.neuron.co.uk/>

Neuroph - Java Neural Network Framework

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

Nielsen Launches Artificial Intelligence Tech by Mark K. Miller

<http://www.tvnewscheck.com/article/102956/nielsen-launches-artificial-intelligence-tech>

Nomibot - Bots Scour the Web To Bring You What You Want

<http://nomibot.com/>

Notion - Your Inbox In Focus

<https://notion.ai/>

nTeligence – Cognitive Computing Specialists

<http://www.nteligence.com/index.html>

OpenAI

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

OpenCyc - Open Source General KnowledgeBase and Commonsense Reasoning Engine

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

Open Directory - Computers: Artificial Intelligence

http://dmoz.org/Computers/Artificial_Intelligence/

Pascal Costanza's Highly Opinionated Guide to Lisp

<http://p-cos.net/lisp/guide.html>

PCAI Artificial Intelligence Magazine

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

PCAI Artificial Intelligence Yahoo Groups Mailing List

<http://groups.yahoo.com/neo/groups/pcai/info>

Pefin - The World's First AI Financial Advisor

<https://www.pefin.com/>



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Positively Shaping Development of Artificial Intelligence

<https://80000hours.org/problem-profiles/positively-shaping-artificial-intelligence/>

Prediction Markets

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

Preparing Adult Workers for the Artificial Intelligence Revolution

<http://policyoptions.irpp.org/magazines/april-2017/preparing-adult-workers-for-the-artificial-intelligence-revolution/>

Preparing for the Future of Artificial Intelligence

<https://www.whitehouse.gov/blog/2016/05/03/preparing-future-artificial-intelligence>

Quill - Artificial Intelligence Engine

<http://narrativescience.com/artificial-intelligence-data-engine/>

Request for Information on Artificial Intelligence – Science and Technology Policy Office

<https://www.federalregister.gov/documents/2016/06/27/2016-15082/request-for-information-on-artificial-intelligence>

Robo Brain - Large Scale Computational System That Learns from Publicly Available Internet Resources

<http://robobrain.me/>

SCOUT

<https://www.scout.ai/>

Semantic Scholar - Free Scientific Literature Search and Discovery

<http://allenai.org/semantic-scholar.html>

SIGART AI Web Resources Directory

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

Sigma Knowledge Engineering Environment

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

Singularity Institute for Artificial Intelligence

<http://singularity.org/>

Snips - Context-aware Interface Will Automatically Launch the Right App At the Right Time - Artificial Intelligence with Privacy

<http://snips.net/>



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SRI's Artificial Intelligence Center

<http://www.ai.sri.com/>

Structure and Interpretation of Computer Programs - Video Lectures by Hal Abelson and Gerald Jay Sussman

<http://groups.csail.mit.edu/mac/classes/6.001/abelson-sussman-lectures/>

Suggested Upper Merged Ontology (SUMO)

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

Summarizer Ranks Sentences

http://www.trnmag.com/Stories/2005/042005/Summarizer_ranks_sentences_042005.html

Synxi – Synthetic Intelligence

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

TensorFlow - Open Source Machine Learning

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

The AI Age – Goldman Sachs Research

<http://www.goldmansachs.com/our-thinking/pages/artificial-intelligence.html>

The Artificial Intelligence Directory

<http://www.ai-directory.com/>

The Center for Brains, Minds and Machines at MIT

<https://cbmm.mit.edu>

The Dark Secret at the Heart of AI by Wil Knight

<https://www.technologyreview.com/s/604087/the-dark-secret-at-the-heart-of-ai/>

The Essential Machine Learning Cheat Sheet

<http://refcardz.dzone.com/refcardz/machine-learning-predictive>

The Future of Work: The Intersection Of Artificial Intelligence and Human Resources

<https://www.forbes.com/sites/jeannemeister/2017/03/01/the-future-of-work-the-intersection-of-artificial-intelligence-and-human-resources/>

The Game AI Page: Building Artificial Intelligence into Games

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

The Grid – Tool Using Artificial Intelligence To Build Your Ultimate Website

<http://www.TheGrid.io/#82>



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The Growth of Artificial Intelligence in E-commerce

<http://redstagfulfillment.com/growth-of-artificial-intelligence-in-e-commerce/>

The History of Artificial Intelligence

<https://lib.stanford.edu/ai-media>

The State of Artificial Intelligence Infographic

<http://www.appcessories.co.uk/artificial-intelligence/>

The Sudden Artificial Intelligence Boom in China

<https://www.industryleadersmagazine.com/artificial-intelligence-boom-china/>

The Ultimate Artificial Intelligence Resources Guide

<http://labs.openviewpartners.com/artificial-intelligence-resources-guide/>

Things That Think

<http://ttt.media.mit.edu/index.html>

Thinking Machine 4

<http://turbulence.org/spotlight/thinking/index.html>

Transactions of the Japanese Society for Artificial Intelligence (TJSAI)

<http://www.jstage.jst.go.jp/browse/tjsai>

Universe - Measurement and Training for Artificial Intelligence

<https://universe.openai.com/>

University of Cambridge Research - The Future of Intelligence

<http://www.cam.ac.uk/research/news/the-future-of-intelligence-cambridge-university-launches-new-centre-to-study-ai-and-the-future-of>

University of Arizona Artificial Intelligence Lab

<http://ai.arizona.edu/>

Using Artificial Intelligence To Create Invisible UI

<http://www.7wdata.be/data-warehousing/using-artificial-intelligence-to-create-invisible-ui/>

Vicarious - Recursive Cortical Network™

<http://vicarious.com/>

What Consumers Really Think About AI: A Global Study

<https://www.pegacom/ai-survey>



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What Is Artificial Intelligence?

<http://www-formal.stanford.edu/jmc/whatisai/whatisai.html>

What's the Difference Between Artificial Intelligence, Machine Learning and Deep Learning

<https://blogs.nvidia.com/blog/2016/07/29/whats-difference-artificial-intelligence-machine-learning-deep-learning-ai/>

Wikipedia – Artificial Intelligence

http://en.wikipedia.org/wiki/Artificial_intelligence

WildML - AI, Deep Learning and NLP

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

x.ai - Personal Assistant Who Schedules Meetings For You

<https://x.ai/>

Yahoo Directory - Artificial Intelligence

http://dir.yahoo.com/science/computer_science/artificial_intelligence/

Bot and Intelligent Agent Research Resources and Sites

1st Spot

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

80legs - Powerful and Economical Service Platform for Crawling and Processing Web Content

<http://www.80legs.com/>

Agent Construction Tools

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

AgentLand

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

AgentLink

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

Agent Model Yields Leadership

http://www.trnmag.com/Stories/2004/092204/Agent_model_yields_leadership_092204.html



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Agent Portal AI

<http://www.agent.ai/>

Agents

<http://aitopics.org/>

AgentSheets - Authoring Tool to Create Agents

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

Albert Pro – Ingest Its Knowledge From a Document

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

A.L.I.C.E. Artificial Intelligence Foundation

<http://alice.pandorabots.com/>

ALICEBot

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

All About Bots

http://www.goldmansachs.com/our-thinking/pages/buzzwords/cid=PS_01_53_07_00_01_16_03?videoId=145618

Android World

<http://www.androidworld.com/index.htm>

api.ai - Speech Interface for Apps and Devices

<http://api.ai/>

Applied Soft Computing

<http://www.sciencedirect.com/science/journal/15684946>

Article Search API - New York Times Articles 1981 to Present

http://developer.nytimes.com/docs/article_search_api

artoo.js - The Client-Side Scraping Companion

<http://medialab.github.io/artoo/>

B.4.1 Search Robots - The Robots.txt File

<http://www.w3.org/TR/REC-html40/appendix/notes.html#h-B.4.1>

BotAnalytics - Analytics for Bots

<http://botanalytics.co/>



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Bot Arena

<https://botarena.co/>

Bot Directory – Bots, Platforms and Services To Create Them

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

Bot Framework – Microsoft

<https://dev.botframework.com/>

BotHunter - Passive Network Monitoring Tool

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

Botlist – App Store for Bots

<https://botlist.co/>

Bot News – VentureBeat

<http://venturebeat.com/category/bots/>

BotPress - The WordPress of Bots

<https://botpress.io/>

Bots and APIs

<http://bots.apievangelist.com/>

Bots, Blogs and News Aggregators 2017

<http://www.BotsBlogs.com>

Bot Shop

<https://bots.kik.com/#/>

Bots The Next Frontier – The Economist

<http://www.economist.com/news/business-and-finance/21696477-market-apps-maturing-now-one-text-based-services-or-chatbots-looks-poised>

Bot Store

<http://www.bot.store/>

Bots: What You Need To Know by Jon Bruner

<https://www.oreilly.com/ideas/bots-what-you-need-to-know>

ChatBottle Search

<https://chatbottle.co/>



Chatfuel - Build a Facebook Bot Without Coding

<https://chatfuel.com/>

ChatterBots 2017

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

Chatbots.org

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

Clara - Digital Employee That Schedules Meetings

<https://claralabs.com/>

CloudMinds – AI Engines in the Cloud

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

Common Crawl - Web Crawl Data Accessed and Analyzed By Everyone

<http://commoncrawl.org/>

cQuery - Content Query Engine

<http://cquery.com/>

CrawlTrack - Your Web Statistics Tool

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

Create a Crawler - Extract Data From an Entire Website

<http://support.import.io/knowledgebase/articles/247570-create-a-crawler>

DataCleaner 5.1 - The Premier Data Quality Solution

<http://datacleaner.org/>

DataHero - Self Service Cloud Business Intelligence

<https://datahero.com/>

Data Mining Resources 2017

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

Dataminr - Real-time Information Discovery

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

DataparkSearch Engine - Full-Featured Open Source Web-Based Search Engine

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



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Deep Web Research 2017

<http://www.deepwebresearch.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://xlinux.nist.gov/dads/>

DiffBot – Get Data From Web Pages Automatically

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

Eliza - The Original ChatterBot

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

Ethereum Frontier Release - A Decentralized Software Platform

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

FAME (Facilitating Agents in Multiculture Exchange) Project

http://cordis.europa.eu/projects/rcn/58337_en.html

File Information Tool Set (FITS)

<http://code.google.com/p/fits/>

Foundation for Intelligent Physical Agents

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

Free Robots.txt Generator and Validator

<http://www.toolsiseek.com/robots-txt-generator-validator>

Friends of ChatBot Coalition

<https://www.fcc.ai/>

FyberSearch

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

GeneSys Middleware

<http://sourceforge.net/projects/genesys-mw/>

Google Guide

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



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GrowthBot – ChatBot for Marketing and Sales

<http://growthbot.org/>

Gupshup - Bot Building Platform

<https://www.gupshup.io/>

Huginn - Your Agents Are Standing By

<https://github.com/cantino/huginn>

IBM Watson Services

<http://www.ibm.com/smarterplanet/us/en/ibmwatson/developercloud/services-catalog.html>

idavatars - Intelligent Digital Avatars

<http://idavatars.com/>

iMacros™ - Browser Based Macro Recorder and Intelligent Agent

http://wiki.imacros.net/Main_Page

Imagination Engines

<http://www.imagination-engines.com/>

Import.io - Instantly Turn Web Pages Into Data

<https://import.io/>

Indexing Robot Crawler Checklist

<http://www.searchtools.com/robots/robot-checklist.html>

I Need Bots

<http://www.INeedBots.xyz>

Information Retrieval Intelligence

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

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/>



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Intelligent Information Systems Research Laboratory

<http://iis.ist.psu.edu/>

International Journal of Agent-Oriented Software Engineering (IJAOSE)

<http://www.inderscience.com/jhome.php?jcode=ijaose>

Internet Bot – Wikipedia

https://en.wikipedia.org/wiki/Internet_bot

KiwiLogic

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

Kngine - Semantic Search and Answer Engine

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

Knowledge Discovery

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

LAIR - Laboratory of Applied Informatics Research

<http://lair.unc.edu/>

Library for Fast Text Representation and Classification – Facebook Research

<https://github.com/facebookresearch/fastText>

List of User-Agents (Spiders, Robots, Crawler, Browser)

<http://www.user-agents.org/index.shtml>

MindMeld - Advanced Artificial Intelligence To Power the New Generation of Intelligent Conversational Interfaces

<https://www.mindmeld.com/>

Minimal-Intelligence Agents for Bargaining Behaviors in Market-Based Environments by Dave Cliff and Janet Bruten

<http://www.hpl.hp.com/techreports/97/HPL-97-91.html>

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>

Motion AI - Artificial Intelligence Made Easy

<http://motion.ai/>



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Mozenda Web Agent Builder - Web Data Extraction

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

MultiAgent

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

MySpiders

<http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.21.3013>

Networks and agents Network (NaN)

<http://cnets.indiana.edu/groups/nan/>

Neurence - Intelligent Information Platform

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

Nomibot - Bots Scour the Web To Bring You What You Want

<http://nomibot.com/>

Open Source Web Information Retrieval (OSWIR05)

<http://www.emse.fr/OSWIR05/>

Oxyus Search Engine

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

Pandorabots – Web Service for Building and Deploying Chatbots

<http://pandorabots.com/>

ResearchKit Framework - Medical Research Apps

<https://github.com/ResearchKit>

Robo Brain - Large-scale Computational System That Learns From Publicly Available Internet Resources

<http://robobrain.me/>

RoboEarth - A Worldwide Web for Robots

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

Robots.Txt Checker - Validator for Robots.txt Files

<http://tool.motoricerca.info/robots-checker.phtml>

Robots.Txt - Robots Exclusion Standards

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



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Searchbots - Uniquely Searching the Internet

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

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/>

SeerSuite - CiteSeerX Toolkit

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

Semantic Web

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

ShoppingBots

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

Siri - Your Virtual Personal Assistant

<http://siri.com/>

SiteMaps.org

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

Smarter Bots

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

SocialBuzzBot - The Business and Social Intelligence Search Engine for Information Discovery from Social Communities

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

SocSciBot - Social Sciences Link Analysis Research

<http://socscibot.wlv.ac.uk/>

Spidering Hacks [book]

<http://shop.oreilly.com/product/9780596005771.do>

Spinn3r: RSS Content, News Feeds, News Content, News Crawler and Web Crawler APIs

<http://spinn3r.com/>



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STACKS - Social Media Tracker, Analyzer, & Collector Toolkit at Syracuse
<https://github.com/bitslabsyr/stack>

Structure and Interpretation of Computer Programs - Video Lectures by Hal Abelson and Gerald Jay Sussman
<http://groups.csail.mit.edu/mac/classes/6.001/abelson-sussman-lectures/>

SupportBots - Chatbots for MSP and IT Service Providers
<http://www.supportbots.io/>

Supybot, A Superb Python IRC Bot
http://freecode.com/projects/supybot?branch_id=31808&release_id=181322

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

TBot - Windows Live Messenger Translation Bot
<http://blogs.msdn.com/b/translation/archive/2008/09/02/windows-live-messenger-translation-bot-now-available.aspx>

TextRunner Search - Searches Hundreds of Millions of Assertions Extracted from 500 Million High-Quality Web Pages
<http://openie.cs.washington.edu/>

The Intelligent Software Agents Lab
<http://www.cs.cmu.edu/~softagents/>

The Lemur Toolkit - Language Modeling and Information Retrieval Research
<http://www.lemurproject.org/>

The Search Engine Project (TSEP)
<http://freecode.com/projects/tsep>

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

The Web Robots Pages
<http://www.robotstxt.org/orig.html>

TSEP - The Search Engine Project
<http://www.tsep.info/>



UMBC AgentWeb

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

UMBC eBiquity

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

Universe - Measurement and Training for Artificial Intelligence

<https://universe.openai.com/>

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

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

Web Intelligence Consortium

<http://wi-consortium.org/>

Web IR & IE

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

WolframAlpha Computational Knowledge Engine - Trillions of Pieces of Curated Data and Millions of Lines of Algorithms

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

Zakta - Personal and Social Deep Web Search Engine

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

Awareness Watch™ Spotters

Updated> Deep Web Research and Discovery Resources 2017

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

I have just updated my white paper link dataset compilation and now titled **Deep Web Research and Discovery Resources 2017** and it is now a 52 page 365KB PDF document available directly from the above URL. This update verified all links as well as reviewed all resources covered. Currently this has been downloaded over 5,000,000+ times!

July 1, 2017



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Updated> Academic and Scholar Search Engines and Sources

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

Internet Annotated Link Dataset Compilation titled "Academic and Scholar Search Engines and Sources" is now a 79 page research paper listing selected resources both new and existing that will help anyone who is attempting to find academic and scholarly information and knowledge available on the Internet. Each source is described along with the URL address than can be accessed. It is freely available as a .pdf file (527KB) at the above link from the [Virtual Private Library™](#) and authored by [Marcus P. Zillman, M.S., A.M.H.A.](#) [Updated with all links validated and new URLs added: July 1, 2017]. Other white papers are available by clicking [here](#).

Updated> Using the Internet As a Dynamic Resource Tool for Knowledge Discovery 2017

<http://www.zillman.us/white-papers/using-the-internet-as-a-dynamic-resource-tool-for-knowledge-discovery/>

Research white paper titled "*Using the Internet As a Dynamic Resource Tool for Knowledge Discovery 2017*" is a 20 page research paper listing many resources both new and existing that will help anyone who is attempting to perform information and knowledge research and discovery on the Internet. It is freely available as a .pdf file (475KB) at the above link from the [Virtual Private Library™](#) and authored by [Marcus P. Zillman, M.S., A.M.H.A.](#) It was updated with all links validated and new links added on **July 1, 2017**. Other white papers are available by clicking [here](#).

List of Search Engines

https://en.wikipedia.org/wiki/List_of_search_engines

This is a list of search engines, including web search engines, selection-based search engines, metasearch engines, desktop search tools, and web portals and vertical market websites that have a search facility for online databases. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Reference Resources](#) Subject Tracer™.

Partnership on Artificial Intelligence

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

Established to study and formulate best practices on AI technologies, to advance the public's understanding of AI, and to serve as an open platform for discussion and engagement about AI and its influences on people and society. This will be added to [Artificial Intelligence Resources](#) Subject Tracer™.

Games Resources 2017 White Paper Link Dataset Compilation

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

I have just updated the associated white paper link dataset compilation of the [Games Resources 2017](#) Subject Tracer™ Information Blog by [Marcus P. Zillman, M.S.,](#)



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

zillman@VirtualPrivateLibrary.com

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[A.M.H.A.](#) It is a 20 page .pdf document 202KB. [Updated on July 3, 2017] Other white papers are available by clicking [here](#).

Open Broadcaster Studio

<https://obsproject.com>

It can be a surprisingly difficult task to record and stream video over the internet. Users must often assemble a pipeline of several different tools that each handle a different aspect of the production process. Open Broadcaster Studio wraps the entire process into a single, simple to use application. It can be used to pre-record video content, but it truly shines as a tool for live streaming. Multiple popular streaming services are supported including YouTube and Facebook Live. It can perform real time video and audio mixing, audio filtering (e.g. noise suppression), video filtering (e.g. color correction), custom transitions between scenes, and more. Extensive documentation is available on its website, including step-by-step guides with detailed instructions and screenshots. Users may also seek assistance via the very active Open Broadcaster Software forums or via live community chat. Open Broadcaster Studio is available for Windows, Macintosh, and Linux computers. This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. Copyright © 2017 Internet Scout Research Group - <http://scout.wisc.edu>

OpenAI Baselines: DQN

<https://blog.openai.com/openai-baselines-dqn/>

They are open-sourcing OpenAI Baselines, their internal effort to reproduce reinforcement learning algorithms with performance on par with published results. They will release the algorithms over upcoming months; today's release includes DQN and three of its variants. Reinforcement learning results are tricky to reproduce: performance is very noisy, algorithms have many moving parts which allow for subtle bugs, and many papers don't report all the required tricks. By releasing known-good implementations (and best practices for creating them), they would like to ensure that apparent RL advances never are due to comparison with buggy or untuned versions of existing algorithms. RL algorithms are challenging to implement correctly; good results typically only come after fixing many seemingly-trivial bugs. This post contains some best practices they use for correct RL algorithm implementations, as well as the details of our first release: DQN and three of its variants, algorithms developed by DeepMind. This will be added to [Artificial Intelligence Resources](#) Subject Tracer™.

Updated> Financial Sources 2017 Subject Tracer™ Information Blog White Paper Link Dataset Compilation

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

The above is the associated white paper link dataset compilation of the Financial Sources 2017 Subject Tracer™ Information Blog by [Marcus P. Zillman, M.S., A.M.H.A.](#) It is a 36 page .pdf document 274KB. [Updated including all links validated and new links added on July 5, 2017] Other white papers are available by clicking [here](#).



Bloomberry - Find the Most Popular Questions Asked by Your Target Buyer

<http://bloomberry.com/>

Identify consumer needs and concerns throughout the buyer's journey. BloomBerry gathers questions being asked across the web on forums, e-commerce sites, Quora, reddit and lots more. Using natural language processing techniques, questions are intelligently grouped by topic. This allows you to quickly see which keywords and topics are being used the most. Who's It for? 1) Content Creators - Ensure you're creating content that answers your customers questions. Thousands of content and keyword ideas at your fingertips; 2) Copywriters - Convert more customers with a brand message that resonates. Use data to focus on what matters; 3) Market Researchers - Quickly learn what millions of people like or dislike by analyzing genuine questions; and 4) Product Innovators - Build something people want. Identify existing needs and new product opportunities. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™.

T2T: Tensor2Tensor Transformers

<https://github.com/tensorflow/tensor2tensor>

T2T is a modular and extensible library and binaries for supervised learning with TensorFlow and with support for sequence tasks. It is actively used and maintained by researchers and engineers within the Google Brain team. You can read more about Tensor2Tensor in the recent Google Research Blog [post](#) introducing it. This will be added to [Artificial Intelligence Resources](#) Subject Tracer™.

Updated> Employment Resources 2017 White Paper Link Dataset Compilation

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

I have just updated my white paper link dataset compilation titled **Employment Resources 2017** and is now a 29 page .pdf document (239KB) freely available from the above URL. Other white papers are available by clicking [here](#). [**Complete update including all links validated and new links added on July 10, 2017**]

Vouchercloud - Vouchers and Discount Codes

<https://www.vouchercloud.com/>

Save money today with vouchers and discount codes from your favourite places. From restaurants and shopping to electronics and fashion, they have you covered. Whether you're hunting for the holidays - Cyber Monday and Black Friday among them - or just browsing, they have a huge range of discounts on offer, including free delivery codes to save on your shipping costs. This will be added to [Shoppingbots and Online Shopping 2017](#).

Term Papers Online: 99+ Sites for Your FREE Paper by Ruth Kinloch

<https://smart.study/blog/term-papers-online-99-sites-for-your-free-paper/>

Writing a term paper requires mobilizing all your resources—emotional, intellectual, and technical. No matter if you've missed a couple of classes or if you hardly remember the course's subject, a term paper can be your window of opportunity to pass this course.



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Effective tools can give you a great boost. Here are 99+ of the Internet's hidden gems for your term papers - online libraries and tools you can use to your advantage for free. This will be added to [Student Research Resources](#) Subject Tracer™.

Updated> Tutorial Resources on the Internet 2017 White Paper Link Dataset Compilation

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

The above is the associated white paper link compilation of the [Tutorial Resources on the Internet 2017](#) Subject Tracer™ Information Blog by [Marcus P. Zillman, M.S., A.M.H.A.](#) It is now a 31 page .pdf document 265KB. [**Updated on July 11, 2017 including all links validated and new links added.**]. Comprehensive listing of online tutorials, college courses and related tutorial sites and information. Other white papers are available by clicking [here](#).

Retail Savings Guide for Baby Boomers

https://www.couponchief.com/guides/retail_savings_for_baby_boomers

This provides a detailed walk through of discounts and special offers for seniors. They think every senior citizen should know about all the special discounts, benefits, and programs freely available to help them save. This will be added to [Elder Resources](#) Subject Tracer™. This will be added to [ShoppingBots and Online Shopping 2017](#).

Spreadsheets.site - Website Powered by Google Spreadsheets

<https://spreadsheets.site/>

Change content of your website or mobile app from Google Spreadsheets. Use it as a database for your online store or web app. Create forms and get all submit straight to a spreadsheet. Without the hassle of importing data back and forth. Spreadsheets are the most flexible and accessible database you will ever encounter. You can adapt it as you like and set up your own rules. It works everywhere. On mobile, web, WordPress, WebFlow, Ionic, Wix, Unbounce. If you can input HTML, you are ready to go with. Get data and configs for your apps from a place everyone can easily access. Don't teach your users any new admin panel, new passwords, etc. Use Google login, share files, give permissions and rely on the Google's infrastructure. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to [World Wide Web Reference](#) Subject Tracer™.

Updated> eCommerce Resources On the Internet 2017

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

The above is the associated white paper link dataset compilation of the **eCommerce Resources On the Internet 2017** Subject Tracer™ Information Blog by [Marcus P. Zillman, M.S., A.M.H.A.](#) It is a 28 page .pdf document (247KB) freely available from the above URL. [**Updated with all links validated and new links added on July 12, 2017**]. Other white papers are available by clicking [here](#).



Omlyx - Automation Simplified

<http://omlyx.com/>

Create your own automated bots, hassle-free. Features include: a) Easy as 1-2-3 - There is no need to learn difficult codes to make something that just works. With us, you can make your own chatbots to help improve your business, in just a few minutes; b) Sophisticated Training - It's like boot camp for bots. You are the commander they are the cadets. With just a few clicks, you can tell them what to do, when and how; and c) Monitoring Performance - Good performance requires good care. So that, all of our bots comes with Live feed and monitoring to make sure everything goes, as you planned. This will be added to [Bot Research](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™.

Updated> Healthcare Online Resources 2017

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

Healthcare Online Resources 2017 is a comprehensive listing of healthcare resources currently available on the Internet. These include healthcare indexes, subject guides and search engines that supply the latest technology and information about healthcare and how it relates to you. This has been created by [Marcus P. Zillman](#), M.S., A.M.H.A., Author, Keynote Speaker and Corporate Consultant. [**Created on October 15, 2016 and Updated July 13, 2017 pdf 38 pages 333KB**]

August 2017 Zillman Column - Student Research Resources 2017

http://columns.virtualprivatelibrary.net/Student_Research_Aug17_Column.pdf

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

The August 2017 Zillman Column features **Student Research Resources 2017** by Marcus P. Zillman, M.S., A.M.H.A.; Executive Director of the Virtual Private Library. This column is dedicated to the latest and most competent resources for student research available over the Internet. With the constant addition of new and pertinent student research information coming online every second it is very easy to go into information overload. The true key is to be able to find the important student research finding and discovery resources and sites both in the visible and invisible World Wide Web. The following selected student research resources and sites offer an excellent opportunity to discovery new sources both free and fee based that will help you accomplish student research goals! Download this excellent freely available 42 page 322KB pdf column today. This is another MUST have column to discover Student Research resources in today's ever changing academic and education world!!

Enigma Public - World's Broadest Collection of Public Data

<https://public.enigma.com/>

Enigma is an operational data management and intelligence company. They believe in curiosity and the power of discovery. Our mission is to empower people to interpret and improve the world around them. To deliver on that ambitious goal, we place data into the context of the real world and make it connected, open, and actionable. Our repository of public data informs and trains each of our enterprise offerings. Enigma Public is the



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world's broadest collection of public data. Take a tour to see everything you can do in the Public platform. This will be added to [Open Datasets](#) Subject Tracer™. This will be added to [Statistics Resources and Big Data](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™.

Website Development Learning Center

<http://partner.devry.edu/bootcamp/web-development/resources.html>

This resource from DeVry Bootcamp provides outside resources for different parts of the coding process like front-end HTML, CSS, and JavaScript. This will be added to [Script Resources](#) Subject Tracer™. This will be added to [World Wide Web Reference](#) Subject Tracer™.

Updated> Drone Resources 2017

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

My latest Subject Tracer™ is **Drone Resources 2017** and available at the above .pdf and also available through [Business Intelligence Resources 2017](#) Subject Tracer™. This Subject Tracer covers resources and sites for Drones that are available on the Internet. This was updated on **July 17, 2017** and is a freely available 17 page 199KB .pdf.

Statfuse - Find Out Your Chances Of Getting Into College

<https://www.statfuse.com/college-chances>

StatFuse provides students with instant results showing them their chances of admission to universities across the nation. Founded in 2012, StatFuse's mission was to help students tackle college admissions in a revolutionary way. Since launching, StatFuse has grown to become a leader of innovation in the higher education space while becoming one of the most data-driven startups in the world. They strive to help students navigate the difficulties of college admissions by putting our tools in their hands. All of their algorithm data is taken directly from universities. No other tool on the planet is able to accurately gauge a student's admission chances long before they apply. This will be added to [Student Research Resources](#) Subject Tracer™. This will be added to [Education and Academic Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Student Research Resources](#) Subject Tracer™.

Doximity - The Medical Network

<https://www.doximity.com/>

Over half a million U.S. healthcare professionals have chosen Doximity as their network. Features include: a) Connect - Stay connected with colleagues, classmates and co-residents; b) Opportunities - Network with colleagues and employers at leading hospitals; c) Earn CME/CE - Earn Category 1 Credits by reading favorite medical journals; and d) Fax Painlessly - Send and receive HIPAA-secure faxes from your mobile device. This will be added to [Healthcare Resources](#) Subject Tracer™.



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Updated> ShoppingBots and Online Shopping Resources 2017

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

The above is my 21st annual release of **ShoppingBots and Online Shopping Resources 2017** allowing you to shop with your bot until you drop! I started this in 1996 and have annually released a new edition each year since then! Also included with the list of ShoppingBots (Shopping Search Engines) is a very comprehensive listing of coupon, discount code and deal sites and resources. It is a 38 page .pdf document 280KB and **Created on December 1, 2016 and Updated on July 18, 2017**. Other white papers are available by clicking [here](#).

Mycroft AI - Open Source Voice Assistant

<https://mycroft.ai/>

Mycroft is the world's first open source voice assistant. It can run anywhere – on a desktop computer, inside an automobile, it even runs on a Raspberry Pi. It is open so it can be remixed, extended, improved. It can be used in anything from a science project to an enterprise software application. Mycroft is an open platform that can be extended and expanded. It's only limit is your imagination. Want Mycroft to do something new? Help teach Mycroft a skill, share it and improve the experience for tens of thousands of people all over the world. This will be added to [Artificial Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™.

Ferret.ai - With Great Power Comes Great Research

<http://ferret.ai/>

FERRET.AI is a free Chrome extension. It empowers your research by summarizing/enriching articles and providing full-text search on your reading history. Features include: a) Research History - Hop in Ferret's Time Machine to retrace the steps of your reading history. Do a full-text search for keywords or metadata, get a visual timeline of what you've been reading lately or combine the two. Ferret becomes your own powerful search engine as you research and explore; b) Scans and Summarizes - Ferret scans scholarly content and snoops out the concepts you want to read about. It also visualizes those concepts in the text's timeline, so you can find exactly what you're looking for - in no time. The Time Machine handily points out where and when you read about it before; c) Enriches - Ferret integrates with popular scientific databases and services to enrich the academic content you read. No more sifting through the rubble when doing research: Ferret instantly assesses the scientific value of any publication through author and journal scores, peer reviews and structured data source connections. New services and data sources are added constantly. and d) Downloads - Found something worth keeping or reading in depth? Don't sweat the download button. If an open-access PDF is available, Ferret finds it for you. Just fire up any PDF or HTML page, Ferret doesn't discriminate. This will be added to [Artificial Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.



Updated> ChatterBots Resources and Sites 2017

<http://ChatterBots.info/>

The white paper link dataset compilation of the [ChatterBots Resources and Sites 2017](#) Subject Tracer™ Information Blog by [Marcus P. Zillman, M.S., A.M.H.A.](#) has been just updated and is now a 23 page .pdf document 241KB listing the latest and greatest online resources and sites for ChatterBots! [Complete Updated on July 19, 2017,] Other white papers are available by clicking [here](#).

Cyclops - One Click Video Conferencing

<https://www.cyclops.io/>

They are a team of serial entrepreneurs with backgrounds from Cisco, Nuance, Bessemer Venture Partners, MIT, Caltech and Harvard. They have an extensive background in online video and collaboration, machine vision and deep learning. Their mission is to replicate the feeling and collaborative richness of being in the same room. It could be used internally by distributed teams or by sales or customer service with customers or partners. Everything should be as simple as a click. They are constantly looking for ways to improve your experience. Stay tuned for new and exciting features. This will be added to [Entrepreneurial Resources](#) Subject Tracer™.

Vivaldi - A Browser for Our Friends

<https://vivaldi.com>

Many web browsers were designed with casual or non-technical users in mind. Not so with the Vivaldi browser, which was designed to meet the needs of both heavy internet users and technical users. For example, it includes a bookmark manager built to easily sort and organize thousands of bookmarks. It also has support for mouse gestures for faster navigation. Vivaldi's tabbed browsing support includes a number of unique features. Tabs can be organized into 'stacks.' Multiple tabs can be tiled in a single window. Users who keep large numbers of tabs open may also appreciate Vivaldi's ability to place tabs in 'hibernation' to minimize their resource use. Under the hood, Vivaldi uses the same Blink rendering engine that Google Chrome does. Because of this, Vivaldi is compatible with Chrome extensions. Vivaldi is available for Windows, macOS, and Linux. This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. Copyright © 2017 Internet Scout Research Group - <http://scout.wisc.edu>

Updated> Finding Experts By Using the Internet 2017

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

I have just updated my white paper link compilation on **Finding Experts By Using the Internet 2017**. This is now a 25 page .pdf file (233KB) and freely available from the above URL. Finding Experts By Using the Internet is dedicated to giving you the internet sources to discover that needed expert(s) that you have been looking for. The Internet is a vast global resource of knowledge created by experts and the ability to find and contact these experts is extremely important for both academic activities as well as business and special interest needs. [Completely updated including all links validated and new



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links added on July 20, 2017 25 pages 232KB .pdf]. Additional white papers available by clicking [here](#).

Terminology Reference Tool

<http://agiletortoise.com/terminology>

Terminology is a comprehensive reference tool for the English language. It combines a dictionary, a thesaurus, and an internet-enabled research tool. Terminology's dictionary/thesaurus feature is usable offline. It contains clear, simple definitions along with root words, synonyms, antonyms, more/less specific words, audio pronunciations, and more. Terminology supports wildcard searching, maintains search history, offers spelling suggestions, and allows users to add notes to any term. When used with a network connection, Terminology's definitions are enriched with cross references to online sources like Wikipedia, IMDb, Google, and others. Terminology is available for macOS and iOS. The iOS version adds a "Look Up" option to text in all others apps. This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. Copyright © 2017 Internet Scout Research Group - <http://scout.wisc.edu>

MECLABS Conversion Analysis Tool

<https://www.marketingsherpa.com/freestuff/conversion-analysis-tool>

Excel tool to diagnose the problems in your funnel and determine where to test. The research scientists at MECLABS Institute, parent research company of MarketingSherpa, use the patented, repeatable methodology of the Conversion Sequence heuristic to assess what elements in a sales funnel are inhibiting conversion. The MECLABS Conversion Sequence heuristic is a framework of five factors (i.e. Motivation, Value Proposition, Friction, Incentive and Anxiety) on which to focus your optimization energy. It brings discipline, rigor and sustainable success to marketing departments. This tool will help you determine where to test, what to test and what to ask based on a data-driven approach. Using this tool, you will get: a) Direction on choosing the best test objective and opportunity; b) Step-by-step guidance on diagnosing the problems in your marketing funnels; c) A rigorous process of defining treatments, variables and metrics for testing; and d) Helpful links for each section to assist your forward progress. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to the tools section of [Research Resources](#) Subject Tracer™.

Updated> Web Data Extractors 2017

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

The Research white paper link compilation titled "Web Data Extractors 2017" is now a 21 page research paper listing many resources both new and existing that will help anyone who is attempting to find information and knowledge research about web data extraction on the Internet. It is freely available as a .pdf file (192KB) at the above link from the Virtual Private Library™ and authored by [Marcus P. Zillman, M.S., A.M.H.A.](#)



It was updated with all links validated and new links added on **July 14, 2017**. Other white papers are available by clicking [here](#).

DataPortals.org

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

DataPortals.org is the most comprehensive list of open data portals in the world. It is curated by a group of leading open data experts from around the world - including representatives from local, regional and national governments, international organizations such as the World Bank, and numerous NGOs. This will be added to [Open Datasets](#) Subject Tracer™. This will be added to [Statistics Resources and Big Data](#) Subject Tracer™. This will be added to [Entrepreneurial Resources](#) Subject Tracer™. This will be added to [Business Intelligence Resources](#) Subject Tracer™. This will be added to [Deep Web Research and Discovery Resources](#).

The Magazine of Early American Datasets

<http://repository.upenn.edu/mead>

The University of Pennsylvania Libraries offers the Magazines of Early American Datasets (MEAD), a collection of datasets for researchers of early American history. The datasets are collected from organizations such as the American Antiquarian Society as well as from individual scholars. Visitors can download datasets in whatever format their original authors used or as comma separated variables (.csv). Each entry also includes a codebook, allowing researchers to use this data with ease. One highlight of this collection is two early nineteenth century admissions books from the Eastern State Penitentiary, transcribed by Scott Ziegler of the American Philosophical Society and Michelle Ziogas of Drexel University. This dataset includes intake notes on each incarcerated individual. For example, the notes on a Philadelphia blacksmith charged with burglary reads: "Seems like an old convict & very insensible. No wish to intercourse with me on religious subjects." Other data sets include 19th Century American Children's Book Trade Directory (courtesy of the American Antiquarian Society); a collection of George Washington's shipping invoices; and the 1790 Census of black individuals living in Philadelphia. This will be added to the tools section of [Research Resources](#) Subject Tracer™. This will be added to [Statistics Resources and Big Data](#) Subject Tracer™. This will be added to [Reference Resources](#) Subject Tracer™. Copyright © 2017 Internet Scout Research Group - <http://scout.wisc.edu>

Updated> Searching the Internet 2017 - A Primer by Marcus P. Zillman, M.S., A.M.H.A.

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

The annotated white paper titled "Searching the Internet 2017 - A Primer" by [Marcus P. Zillman, M.S., A.M.H.A.](#) has been updated and is a primer for those new to searching the Internet or for experienced searchers always looking for new and innovative search sources .. both are all included in this primer!! It is freely available as a 19 page .pdf document (394KB) from the above link from the [Virtual Private Library™](#). Other white



papers are available by clicking [here](#). [Updated with all links validated and new links added on: July 15, 2017]

Updated> Directory Resources On the Internet 2017

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

The above is a white paper link dataset compilation of the [Directory Resources 2017](#) Subject Tracer™ Information Blog by Internet Expert [Marcus P. Zillman, M.S., A.M.H.A.](#) This **Directory of Directories** covers all the competent and well maintained directories available from the Internet and makes for an excellent alternative search resource! It is now a 34 page .pdf document 258KB. [Updated July 6, 2017] Other white papers are available by clicking [here](#).

Updated> Crowdfunding Resources 2017

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

This newly created white paper link dataset compilation covering **Crowdfunding Resources 2017** displays all areas of crowdfunding including equity crowdfunding. The Internet has become the financial go to for entrepreneurs to kickstart their financial needs for their startups! This will be added to [Financial Sources](#) Subject Tracer™, [Entrepreneurial Resources](#) Subject Tracer™ and [Startup Resources for the Entrepreneur](#) white paper. [Updated July 7, 2017 24 Pages, 212KB PDF]

Updated> Data Mining Resources 2017 Whitepaper Dataset Link Compilation

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

I have just updated my Data Mining Resources 2017 Subject Tracer™ Whitepaper Dataset Link Compilation and it is now a 33 page (286KB) .pdf white paper document is available from the above URL link. It lists alphabetically the latest resources and sources for data mining available from the Internet. [Completely updated with all links validated and new URLs added on July 8, 2017] Additional white papers and resources by [Marcus P. Zillman](#) are available by clicking [here](#).

Updated> Student Research Resources 2017

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

The above is the associated white paper link dataset compilation for [Student Research Resources 2017](#) Subject Tracer™ by [Marcus P. Zillman, M.S., A.M.H.A.](#) . It is a freely available 42 page .pdf (324KB) document covering all areas for student research available over the Internet! [Updated August 1, 2017] Other white papers are available by clicking [here](#).



Awarenesswatch™ Paper Review

Fostering Digital and Scientific Literacy: Learning Through Practice by *Patricia Dias da Silva, Lorna Heaton*

<http://firstmonday.org/ojs/index.php/fm/article/view/7284>

Abstract:

Despite the rapidly growing body of work on public participation in citizen science, what and how participants learn by participating has received limited attention. This paper uses a digitization project underway at the Marie-Victorin Herbarium to explore the learning process of adult volunteers and show how scientific and digital literacies are constructed simultaneously and socially. In the process of digitizing the Herbarium's collection, volunteers draw on existing resources, including digital tools and sources, as well as create and share their own intermediary resources, thereby facilitating future work and enhancing informal learning. Individual goals — such as acquiring new skills or extending knowledge — are connected to the goals of the community — the production of a quality reference that will be available to everyone online. Volunteers are learning by doing, however, the lessons they learn extend beyond their local, situated context and may have a global and future impact.

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/>

Accessibility Resources

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

Agriculture Resources

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

AnswerSpot

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



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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/>

Education and Academic Resources

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

Elder Resources

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

Employment Resources

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



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Entrepreneurial Resources
<http://www.EntrepreneurialResources.info/>

Fact Checkers Directory
<http://www.FactCherckers.us/>

Financial Sources
<http://www.FinancialSources.info/>

Finding People
<http://www.FindingPeople.info/>

Games Resources
<http://www.GamesResources.info/>

Genealogy Resources
<http://www.GenealogyResources.info/>

Grant Resources
<http://www.GrantResources.info/>

Green Files
<http://www.GreenFiles.info/>

Grid, Distributed and Cloud Computing Resources
<http://www.GridResources.info/>

Healthcare Resources
<http://www.HealthcareResources.info/>

Information Futures Markets
<http://www.InformationFuturesMarkets.com/>

Information Quality Resources
<http://www.InformationQualityResources.info/>

International Trade Resources
<http://www.InternationalTradeResources.info/>

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

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



Internet Experts

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

Internet Hoaxes

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

Intrapreneurial Resources

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

Journalism Resources

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

Knowledge Discovery

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

Military Resources

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

New Economy Analytics, Resources and Alerts

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

Outsourcing/Offshoring Information and Resources

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

Privacy Resources

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

Reference Resources

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

Research Resources

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

RestStress™

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

Script Resources

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

ShoppingBots

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

Social Informatics

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



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Statistics Resources and Big Data
<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/>

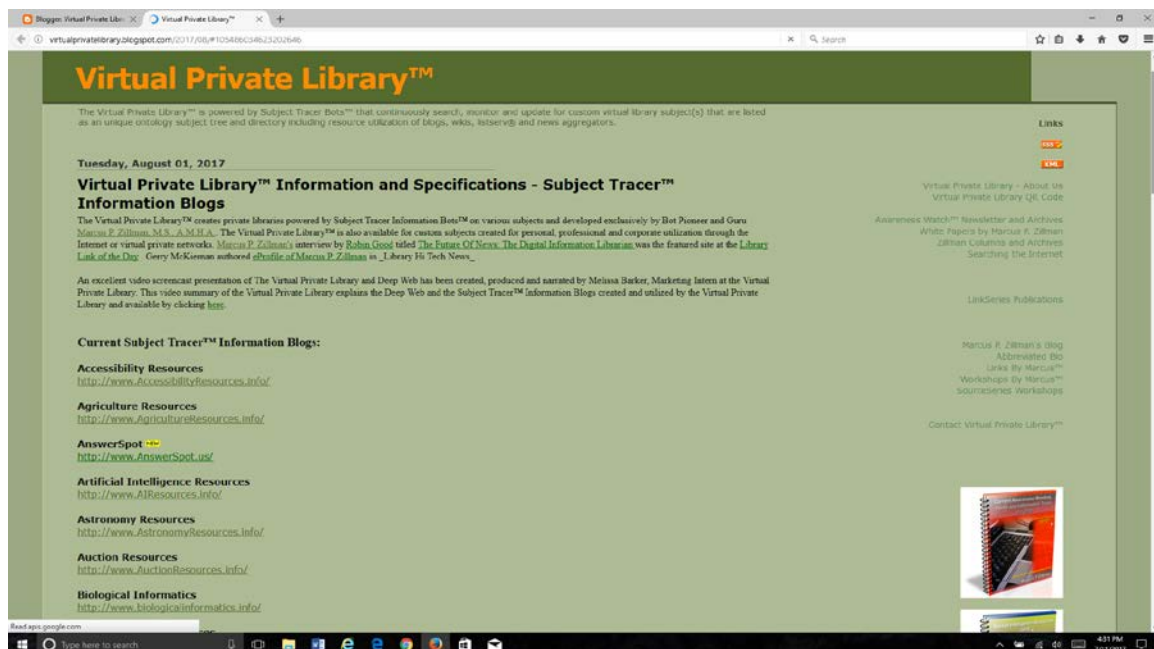


Figure 2: Virtual Private Library™

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 54 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



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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 (19,000+ Postings)

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

Marcus P. Zillman Abbreviated Bio

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

White Papers by Marcus P. Zillman

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

Internet MiniGuides™

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

Awareness Watch™ Newsletter

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

Marcus P. Zillman's Columns

<http://www.ZillmanColumns.com>

LinkSeries Publications

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

Links By Marcus™

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

Workshops By Marcus™

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

SourceSeries Internet Research Workshops

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

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Research White Papers, Articles, Lectures and Speeches by Marcus P. Zillman, M.S., A.M.H.A.:

2017 Directory of Directories

<http://www.2017DirectoryOfDirectories.com/>

Academic and Scholar Search Engines and Sources

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

Bots, Blogs and News Aggregators 2017

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

Business Intelligence Online Resources 2017

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

Cloud Computing Resources Primer 2017

<http://www.zillman.us/white-papers/grid-distributed-and-cloud-computing-resources-primer/>

Current Awareness Discovery Tools on the Internet 2017

<http://www.zillman.us/white-papers/current-awareness-discovery-tools-on-the-internet/>

Deep Web Research and Discovery Resources 2017 Article - LLRX and Online White Paper

<http://zillman.blogspot.com/2017/01/llrx-deep-web-research-and-discovery.html>

<http://DeepWeb.us/>

eMarketing MiniGuide 2017

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

eReference Library Link Toolkit 2017

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

Finding Experts By Using the Internet 2017

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

Finding People Resources and Sites 2017

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

Healthcare Bots and Subject Directories 2017

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

Knowledge Discovery Resources 2017

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



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New Economy Resources 2017

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

Online Research Browsers 2017

<http://www.zillman.us/white-papers/online-research-browsers/>

Online Research Tools

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

Online Social Networking 2017

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

Searching the Internet 2017 – A Primer

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

Using the Internet As a Dynamic Resource Tool for Knowledge Discovery 2017

<http://www.zillman.us/white-papers/using-the-internet-as-a-dynamic-resource-tool-for-knowledge-discovery/>

Web Data Extractors 2017

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

Web Guide for the New Economy 2017

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

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

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

Internet Tutor by Marcus P. Zillman, M.S., A.M.H.A.

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

Visit this site to learn about the availability of Marcus P. Zillman to tutor you or your associate one on one in the privacy of your residence or office on the latest happenings of the Internet including Internet basics to advanced Internet searching using bots and creating your own personal blog .

Internet Speaking by Marcus P. Zillman, M.S., A.M.H.A.

<http://www.InternetSpeaker.net>

Visit this site to learn about Marcus P. Zillman's speaking engagements for your organization meetings and events. View and listen to his previous presentations as well as his weekly television shows.



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Internet Consulting by Marcus P. Zillman, M.S., A.M.H.A.

<http://InternetConsultant.BlogSpot.com/>

Visit this site to obtain information about obtaining the consultation services of Marcus P. Zillman for your company including eCommerce audits, utilization of bots, blogs and news aggregators or the creation of your own personal virtual private library powered by Subject Tracer™ Information bots!

Current Awareness Monitors, Alerts and Information Traps

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

Marcus P. Zillman's latest report Current Awareness Monitors, Alerts and Information Traps is available for purchase online and for immediate download. This report is a comprehensive listing of the latest resources, sources and sites for current awareness on the Internet. This is a must read for anyone who must stay current in their profession and/or business activity as the list of URLs will keep you at the leading edge of your career.

Market Intelligence Resources

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

Marcus P. Zillman's just released professional Internet MiniGuide is titled Market Intelligence Resources and is available for purchase online and immediate download. This 193 page digital miniguide represents a comprehensive listing of the latest resources, sources and sites to discover the latest Market Intelligence sources available on the Internet with many of them freely available! Designed specifically for today's entrepreneur, professional and/or investor.

Entrepreneurial Links 101

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

Marcus P. Zillman's newly released 231 page eReference digital book for the up and coming entrepreneur. Entrepreneurial Links 101 gives an alphabetical listing of the very best Internet and World Wide Web sites covering Entrepreneur Resources, Business Intelligence Resources and an extremely comprehensive list of Online Research Tools. This is considered by many to be the entrepreneur's bible for finding relevant and competent online resources!

Internet Privacy and Security Resources

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

Marcus P. Zillman's latest eReference digital publication is a selected comprehensive alphabetical listing of the latest resources and sites covering all aspects of privacy and security currently available over the Internet. From the board room to the family room, these resources and sites give you the information you need to maintain your privacy and security as you use the Internet in your business and personal life.



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Research Resources Online Guide

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

Marcus P. Zillman's latest [LinkSeries Publication](#) is a 340 page digital guide of a selected comprehensive alphabetical listing of the latest and greatest resources and sites covering all areas of research that is currently available over the Internet. The guide covers online research resources and tools for the Newbie to research as well as the Seasoned researcher. Contents include: a) Research Resources, b) Research Tools, c) Student Research Resources Toolkit, d) Knowledge Discovery/Management and Data Mining Resources, e) Knowledge Discovery/Retrieval and the World Wide Web Resources, and f) Subject Tracer™ Information Blogs.

The Survivor's Manual for The New Economy.

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

Marcus P. Zillman's latest LinkSeries Publication is a 239 page digital read that gives excellent resources and annotated sources for the new economy analytics, alerts, ecommerce, financial sources, invisible and deep web resources, social and business networking sources along with new economy competitive and business intelligence resources and an extremely comprehensive listing of new economy online tools.



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