

Bot and Intelligent Agent Research Resources 2022

By

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Bot and Intelligent Agent Research Resources 2022 is a comprehensive listing of bot and intelligent agent research resources and sites on the Internet. The below list of sources is taken from my 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 through the Internet to find the latest bot and intelligent agent research resources and sites. As this site is constantly updated it would be to your benefit to bookmark and return to the above URL frequently.

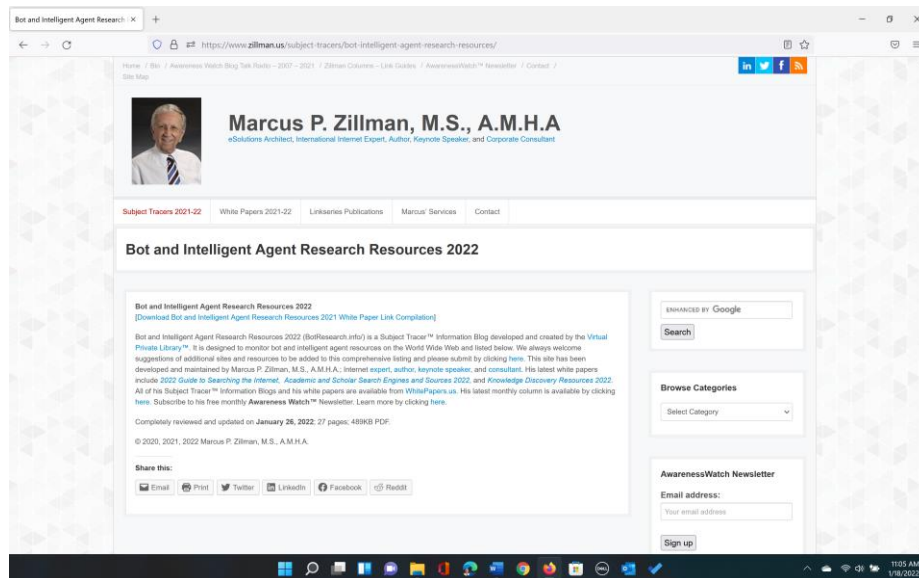


Figure 1: Bot and Intelligent Agents Research Resources 2022 Subject Tracer™ Information Blog

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Bot and Intelligent Agent Research Resources 2022 White Paper Link Compilation

<http://www.BotResearch.info/>
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Bot and Intelligent Agent Research Resources 2022:

1st Spot

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

14 Bot Directories for Discovering and Submitting Chatbots

<https://superdevresources.com/chat-bot-directories/>

155 Chatbots In This Brand New Landscape

<https://venturebeat.com/2017/06/26/bot-analytics-platform-releases-new-chatbot-landscape/>

20 Bots That Can Help You Build Your Startup by Khari Johnson

<https://venturebeat.com/2017/08/03/20-bots-that-can-help-you-build-your-startup/>

2022 Directory of Directories

<http://www.2022DirectoryOfDirectories.com/>

2022 Guide to Finding Experts by Using the Internet

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

2022 Guide to Finding People Resources and Sites

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

2022 Guide to Internet Privacy Resources and Tools

<http://www.2022InternetPrivacy.com/>

2022 Guide to Searching the Internet

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

2022 New Economy Resources

<http://www.2022NewEconomy.com/>

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

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

Acuvate – Enterprise Bot Builder Platform

<http://acuvate.com/>



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AgentCubes – Programming for Kids

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

AgentLand

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

Agent Model Yields Leadership

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

Agents and Bots – Kdnuggets

<https://www.kdnuggets.com/websites/agents.html>

AhrefsBot – Market Research Bot

<https://ahrefs.com/robot>

AITopics – Official Publication of the AAAI

<http://aitopics.org/>

Albert Pro – Create Bots Efficiently

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

Algorithm Watch

<https://algorithmwatch.org/>

api.ai - Speech Interface for Apps and Devices - Dialogflow

<http://api.ai/>

Applied Soft Computing

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

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 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/>

Bot News AI – VentureBeat

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

Botometer

<https://botometer.iuni.iu.edu/>

BotPress – The Leading Open-Source Conversational AI Platform for Enterprise Automation

<https://botpress.io/>

Bots, Blogs and News Aggregators 2022

<http://www.BotsBlogs.com>

Bot Shop

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

Bots and Intelligent Agents

<https://marionoioso.com/2018/06/09/bots-and-intelligent-agents/>

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>

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/>



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Chatfuel - Build a Facebook Bot Without Coding

<https://chatfuel.com/>

ChatterBots 2022

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

Chatbots: The Definitive Guide 2021

<https://www.artificial-solutions.com/chatbots>

Chatbots.org

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

CloudFilt - Prevent Bots, Block Bots, Anti-Bots, Bot Protection and Tor Protection

<https://cloudfilt.com/>

CloudMinds – Operating Smart Robots for People

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

Comet – Supercharge Machine Learning

<https://www.comet.ml/>

Common Crawl - Web Crawl Data Accessed and Analyzed By Everyone

<http://commoncrawl.org/>

ContusBot - Build Chatbots Super-Charged With Artificial Intelligence

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

cQuery - Content Query Engine

<http://cquery.com/>

Create a Crawler - Extract Data From an Entire Website

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

Current Awareness Tools 2022

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

DailyBot Customer Portal

<https://dailybot.co/>



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DataHero - Self Service Cloud Business Intelligence

<https://datahero.com/>

Data Mining Resources 2022

<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/>

DataStreamer – Get Real-World Data into Your Products with Just a Single API Call

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

Deep Web Research 2022

<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>

Dialogflow - Build Natural and Rich Conversational Experiences

<https://dialogflow.com/>

Dictionary of Algorithms and Data Structures

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

DiffBot – Get Data From Web Pages Automatically

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

Diggernaut - Data Scraping - Turn Website Content Into Datasets

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

Ejenta - Intelligent Agents for Connected Care

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

Eliza - The Original ChatterBot

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

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Engati - Bot Innovation

<http://engati.com/>

Ethereum Frontier Release - A Decentralized Software Platform

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

EU Open Data Portal

<https://data.europa.eu/euodp/en/home>

FAME (Facilitating Agents in Multiculture Exchange) Project

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

File Information Tool Set (FITS)

<https://projects.iq.harvard.edu/fits>

Formito - An Interactive Chatbot To Automate Your Business or Profession

<https://formito.com/>

Foundation for Intelligent Physical Agents

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

Free Robots.txt Generator and Validator

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

GeneSys Middleware

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

Google Guide

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

Gupshup - Bot Building Platform

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

How to Make a Web Crawler With Selenium

<https://www.makeuseof.com/tag/make-web-crawler-selenium/>

Huginn - Your Agents Are Standing By

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



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HYPHE - Web Corpus Curation Tool Featuring A Research-Driven Web Crawler
<http://hyphe.medialab.sciences-po.fr/>

IBM Watson Anywhere
<https://www.ibm.com/watson/>

IFR – International Federation of Robotics
<https://ifr.org/>

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

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/>

Intelligent Agent – Wikipedia
https://en.wikipedia.org/wiki/Intelligent_agent

Intelligent Agents and Chatbots – A Guide
<https://www.paldesk.com/intelligent-agents-chatbots-guide/>

Intelligent Agents – JHU Computer Science
<http://www.cs.jhu.edu/~phi/ai/slides/lecture-intelligent-agents.pdf>

Intelligent Information Systems Research Laboratory
<http://iis.ist.psu.edu/>



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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

Knowledge Discovery 2022
<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>

Linear Regression – Top 10 Machine Learning Algorithms
<https://dimensionless.in/top-10-machine-learning-algorithms/>

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

Minerazzi – Search, Index, Mine ... Recrawl
<http://www.minerazzi.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>



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Motion AI - Artificial Intelligence Made Easy – Acquired by HubSpot

<http://motion.ai/>

Mozenda Web Agent Builder - Web Data Extraction

<http://www.mozenda.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/>

Neuton - Disruptive Neural Network Framework Without Coding

<https://neuton.ai/>

OLPORTAL – Smart Protocol Connecting Decentralized Finance and Neural Networks

<https://olportal.ai/>

Omlyx - Automation Simplified

<http://omlyx.com/>

OpenCV (Open Source Computer Vision Library)

<https://opencv.org/>

Open Datasets

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

<https://github.com/caesar0301/awesome-public-datasets>

<https://www.kaggle.com/datasets>

<https://www.data.gov/>

<https://www.quora.com/Where-can-I-find-large-datasets-open-to-the-public>

<https://aws.amazon.com/public-datasets/>

<https://data.world/>

<http://data.worldbank.org/>

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



Open Knowledge Maps

<https://openknowledgemaps.org/>

Open Robotics

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

Oscobo Search Engine for Privacy

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

Oxyus Search Engine

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

Pandorabots – Web Service for Building and Deploying Chatbots

<http://pandorabots.com/>

ProBot - Automate and Improve Your Workflow

<https://probot.github.io/>

Rasa NLU - Language Understanding for ChatBots and AI Assistants

<https://rasa.com/docs/nlu/>

re3data.org - 2,000 Data Repositories

<https://www.re3data.org/>

Recipes for Building an Open-Domain Chatbot

<https://arxiv.org/pdf/2004.13637.pdf>

ResearchKit Framework - Medical Research Apps

<https://github.com/ResearchKit>

ReVerb – Open Information Extraction Software

<http://reverb.cs.washington.edu/>

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/>



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Robots.Txt - Robots Exclusion Standards

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

Searchbots - Uniquely Searching the Internet

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

Search Engine Robots

<http://www.jafsoft.com/searchengines/webbots.html>

<http://siri.com/>

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/>

ShoppingBots 2022

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

Sigrid AI – Remote Managed Executive Assistant Service

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

Siri

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

Sisense Data Without Boundaries

<https://www.sisense.com/product/impact/bot/>

SiteMaps.org

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

SocialBuzzBot 2022 - 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/>



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Spidering Hacks [book]

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

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/>

SummarizeBot

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

Supybot, A Superb Python IRC Bot

http://freecode.com/projects/supybot?branch_id=31808&release_id=181322

Swirls - The Platform for Distributed Applications

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

TextRunner Search - Searches Hundreds of Millions of Assertions Extracted from 500 Million High-Quality Web Pages – UW Open IE

<http://openie.cs.washington.edu/>

The Essential Landscape of Enterprise AI Companies TopBots

<https://www.topbots.com/essential-landscape-overview-enterprise-artificial-intelligence/>

The Future of Bots, Messaging and AI by Murray Newlands

<http://www.business2community.com/business-innovation/future-bots-messaging-ai-01923203>

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>



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The Simon Lavern Page - Chatterbots

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

The Web Robots Pages

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

Top 5 Bot Maker Experts You Should Hear Keynote by Cynthia Johnson

<https://www.entrepreneur.com/article/292296>

UC Irvine Machine Learning Repository

<https://archive.ics.uci.edu/ml/index.php>

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 Data Extractors 2022

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

Web Intelligence Consortium

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

Web IR & IE

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

WIT.ai – Build Natural Language Experiences

<https://wit.ai/>



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

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

Xenioo - Professional Chatbot Platform for Your Business

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

Yva.ai – Predictive People Analytics

<https://yva.ai/en/>

Zakta - Personal and Social Deep Web Search Engine

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



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Subject Tracer™ Information Blogs

Subject Tracer™ Information Blogs created and developed by the Virtual Private Library™ combine the best of the latest tools on the Internet. Using bots, blogs and news aggregators the Subject Tracer™ Information blogs generate RSS feeds with the latest 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.co/>

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/>



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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/>

Entrepreneurial Resources

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

Fact Checkers Directory

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

Financial Sources

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

Finding People

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



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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/>



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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/>

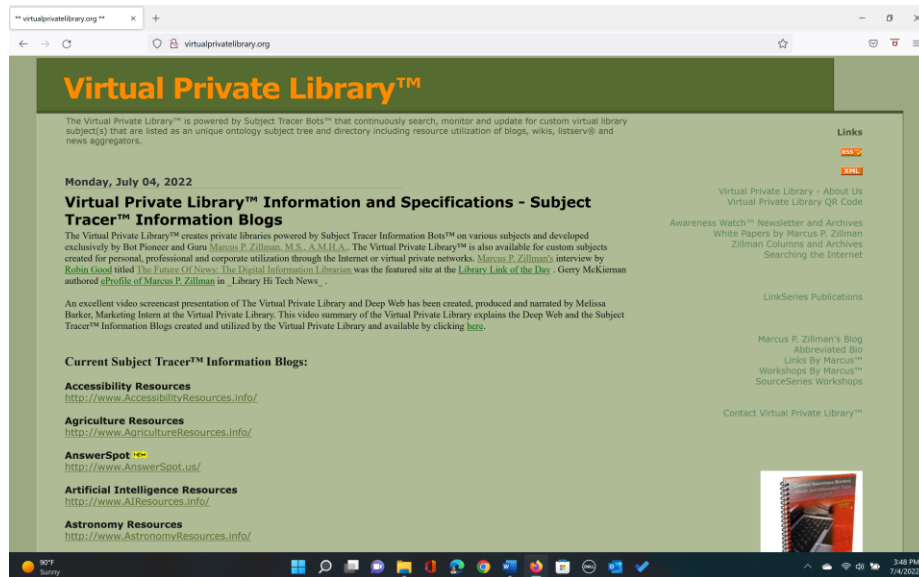


Figure 2: Virtual Private Library™

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



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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 (26,000+ Postings)

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

Marcus P. Zillman Abbreviated Bio

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

Awareness Watch™ Newsletter

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

Marcus P. Zillman's Columns

<http://www.ZillmanColumns.com>

LinkSeries Publications

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

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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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