Bot and Intelligent Agent Research Resources 2019

By

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Bot and Intelligent Agent Research Resources 2019 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.
Bot and Intelligent Agent Research Resources 2019:

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

15 Bot Directories for Discovering and Submitting Chatbots
https://superdevresources.com/chat-bot-directories/

155 Chatbots In This Brand New 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/

7 Powerful Bot and Chatbot Building Platforms
https://dzone.com/articles/which-are-the-7-powerful-platforms-to-build-a-chat

80legs - Powerful and Economical Service Platform for Crawling and Processing Web Content
http://www.80legs.com/

Acuvate – Enterprise Bot Builder Platform
http://acuvate.com/

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

AgentLand
http://www.agentland.com/

Agent Model Yields Leadership

Agent Portal AI
http://www.agent.ai/
Agents
http://aitopics.org/

Agents and Bots – Kdnuggets
https://www.kdnuggets.com/websites/agents.html

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/

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/

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 AI – 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 2019  
http://www.BotsBlogs.com

Bot Shop  
https://bots.kik.com/#/

Bots The Next Frontier – The Economist  

Bots: What You Need To Know by Jon Bruner  
https://www.oreilly.com/ideas/bots-what-you-need-to-know

Chatbase - Analyze and Optimize Bots More Easily  
https://chatbase.com/

ChatBottle Search  
https://chatbottle.co/

Chatfuel - Build a Facebook Bot Without Coding  
https://chatfuel.com/
ChatterBot - Convert More Customers Automatically
https://chtb.io/

ChatterBots 2019
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/

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 2019

DataCleaner 5.1 - The Premier Data Quality Solution
http://datacleaner.org/

DataHero - Self Service Cloud Business Intelligence
https://datahero.com/

Data Mining Resources 2019
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/

Decentral Neuro Messenger
https://olportal.ai/

Deep Web Research 2018
http://www.deepwebrsearch.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

Engati - Bot Innovation
http://engati.com/

Ethereum Frontier Release - A Decentralized Software Platform
https://www.ethereum.org/
FAME (Facilitating Agents in Multiculture Exchange) Project

File Information Tool Set (FITS)
http://code.google.com/p/fits/

Findo - An Intelligent Search Assistant
https://findo.com/

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/

GeneSys Middleware
http://sourceforge.net/projects/genesys-mw/

Google Guide
http://www.googleguide.com/

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

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

IBM Watson Services
https://www.ibm.com/watson/about/index.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

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

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

International Journal of Agent-Oriented Software Engineering (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 2019
http://www.knowledgediscovery.info/

LAIR - Laboratory of Applied Informatics Research
http://lair.unc.edu/

Legal Robot
https://www.legalrobot.com/

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

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

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

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

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

Mozenda Web Agent Builder - Web Data Extraction
http://www.mozenda.com/

MySpiders

Networks and agents Network (NaN)
http://cnets.indiana.edu/groups/nan/
Neurence - Intelligent Information Platform
http://www.neurence.com/

Neuton - Disruptive Neural Network Framework
https://neuton.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://aws.amazon.com/public-datasets/
https://data.world/
http://data.worldbank.org/
http://www.OpenDataSets.info/

Open Knowledge Maps
https://openknowledgemaps.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/

Postfire - AI Powered Social Media Assistant
https://postfire.co/

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/

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/

Sciensio - AI Specific Events Chatbots
https://www.sciensio.com/eventbots

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/

Sisense Bot Framework
https://www.sisense.com/product/impact/bot/

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

SlideBot - Create Powerful Presentations Instantly
https://slidebot.io/

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

SocialBuzzBot 2019 - 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/

STACKS - Social Media Tracker, Analyzer, & Collector Toolkit at Syracuse
https://github.com/bitlabsyr/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/

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

Supybot, A Superb Python IRC Bot

Swirlds - The Platform for Distributed Applications
http://www.swirlds.com/

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

TBot - Windows Live Messenger Translation Bot

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

The Future of Bots, Messaging and AI by Murray Newlands

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 - 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

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/

WIT.ai - Natural Language for Developers
https://wit.ai/
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/

Zakta - Personal and Social Deep Web Search Engine
http://www.zakta.com/
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/

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/

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

Fact Checkers Directory
http://www.FactCheckers.us/

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

Finding People
http://www.FindingPeople.info/
Games Resources
http://www.GamesResources.info/

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

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

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

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

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

Information Futures Markets
http://www.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.IntrapreneuralResources.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/
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 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 (20,000+ 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/

Watch Marcus™  
http://www.WatchMarcus.com/
listen to marcus™
http://www.ListenToMarcus.com

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

2018 Directory of Directories

Academic and Scholar Search Engines and Sources
http://www.ScholarSearchEngines.com/

Bots, Blogs and News Aggregators 2019
http://www.BotsBlogs.com/

Business Intelligence Online Resources 2018
http://www.BIOnlineResources.info/

Cloud Computing Resources Primer 2018
http://www.zillman.us/white-papers/grid-distributed-and-cloud-computing-resources-primer/

Current Awareness Discovery Tools on the Internet 2019

Deep Web Research and Discovery Resources 2018 Online White Paper
http://DeepWeb.us/

eMarketing MiniGuide 2018
http://www.eMarketingMiniGuide.com/

eReference Library Link Toolkit 2018
http://www.eReferenceLibrary.com/

Finding Experts By Using the Internet 2018
http://www.FindingExperts.info/

Finding People Resources and Sites 2019
http://www.FindingPeople.info/
Healthcare Bots and Subject Directories 2018  
http://www.HealthcareBots.info/  

Knowledge Discovery Resources 2018  
http://www.KDResources.info/  

New Economy Resources 2018  
http://www.NewEconomyResources.com/  

Online Research Browsers 2018  
http://www.zillman.us/white-papers/online-research-browsers/  

Online Research Tools  
http://www.OnlineResearchTools.info/  

Online Social Networking 2018  
http://www.OnlineSocialNetworking.info/  

Searching the Internet 2018 – The Primer - 2019 Guide to Searching the Internet  
http://www.SearchingTheInternet.info/  

Using the Internet As a Dynamic Resource Tool for Knowledge Discovery 2018  

Web Data Extractors 2018  
http://www.WebDataExtractors.com/  

Web Guide for the New Economy 2018  

White Papers By Marcus P. Zillman, M.S., A.M.H.A.  
http://www.WhitePapers.us/
Internet Tutor by Marcus P. Zillman, M.S., A.M.H.A.
http://www.InternetTutor.info/
Visit this site to learn about the availability of Marcus P. Zillman to tutor you or your associate one on one in the privacy of your residence or office on the latest happenings of the Internet including Internet basics to advanced Internet searching using bots and creating your own personal blog.

Internet Speaking by Marcus P. Zillman, M.S., A.M.H.A.
http://www.InternetSpeaker.net
Visit this site to learn about Marcus P. Zillman’s speaking engagements for your organization meetings and events. View and listen to his previous presentations as well as his weekly television shows.

Internet Consulting by Marcus P. Zillman, M.S., A.M.H.A.
http://InternetConsultant.BlogSpot.com/
Visit this site to obtain information about obtaining the consultation services of Marcus P. Zillman for your company including eCommerce audits, utilization of bots, blogs and news aggregators or the creation of your own personal virtual private library powered by Subject Tracer™ Information bots!

Current Awareness Monitors, Alerts and Information Traps
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.

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

The Survivor’s Manual for The New Economy
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.