The October 2014 Zillman Column features Internet-of-Things (IOT) Resources and is a comprehensive listing of Internet-of-Things (IOT) research resources and sites available on the Internet. These resources are designed to be your IOT Research Library and to give you the latest and greatest Internet-of-Things research resources available from the Internet. This Internet-of-Things (IOT) Research has been created by Internet guru and expert Marcus P. Zillman who is the Executive Director of the Virtual Private Library and is designed specifically for use on iPads, iPhone, Androids, SmartPhones, and netbooks/laptops. Start the New Economy and your Internet Future with this excellent and freely available IOT research resource!! Updates to this are powered by Subject Tracer™ Information Bots (STIB). Visit the site direct at:

http://www.Internet-of-Things.ws/
The Internet of Things (IOT) Resources

The Internet of Things is the network of physical objects that contain embedded technology to communicate and sense or interact with their internal states or the external environment.  
[Gartner IT Glossary]

**RESEARCH ORGANIZATIONS DEALING WITH IOT:**

Internet of Things Consortium  
http://iofthings.org/

Internet of Things research report from Hammersmith group (Feb 2010)  

IoT European Research Cluster  

The Internet of Things council  
http://www.theinternetofthings.eu/

**TOOLS AND APIS:**

A relay infrastructure for accessing devices from the web  
https://www.yaler.net/

A RESTful API for controlling air conditioners, light bulbs, cameras::  
Internet of Things API for device-driven applications  
https://www.crowsnest.io/

Connected devices for cars - the connected car  
http://www.moj.io/
Backend as a service for connected devices - Internet of Things
https://onion.io/

Contiki: The Open Source OS for the Internet of Things
http://www.contiki-os.org/

Control connected devices through internet
http://commandspot.com/

Devicehub - Open Source Internet of Things Backbone
http://devicehub.net/

Discover the Internet of Things
http://thingful.net/

Factory Floor Connectivity of the Future: The Industrial Internet of Things

Freeboard - modular development platform for Internet of Things (IoT)
http://buglabs.tumblr.com/post/83422057140/freeboard-tm

'git push' code to connected devices
http://resin.io/

Home automation API - internet of things
http://www.ninjablocks.com/products/ninja-blocks-kit

Internet of Things Connectivity Platform
https://www.realtime.io/

MQTT is a machine-to-machine (M2M)/"Internet of Things" connectivity protocol.
http://mqtt.org/
Network connections for the Internet of Everything
http://www.weaved.com/

Node-RED - Visual Tool for Wiring the Internet of Things
http://nodered.org/

OpenIoT - Open Source Cloud Solution for the Internet of Things
http://openiot.eu/

OpenRemote is an open-source Internet of Things platform.

Public Cloud for the Internet of Things from the makers of LogMeIn
https://xively.com/

Smart Home automation
http://www.smartthings.com/

Smart products connected to the web
https://www.evrythng.com/

The open data platform for the Internet of Things
https://thingspeak.com/

The Social Network of the Internet of Things
https://thethings.io/

The smart way to cool and heat your home
http://www.keenhome.io/

The Thing System
http://thethingsystem.com/index.html
The Wolfram Connected Devices Project
http://blog.stephenwolfram.com/2014/01/launching-the-wolfram-connected-devices-project/

Tools For the Open Source Internet of Things
http://iot-toolkit.com/

Tools to build internet-connected hardware
https://www.spark.io/

We connect the physical and digital world. Internet of Things
http://context.reelyactive.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/

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.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/

Statistics Resources and Big Data
http://www.StatisticsResources.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 minigunges, white papers, manuals and books; hosted over 160 weekly Internet television shows, writes a weekly and monthly column on Current Awareness on the Internet; writes a monthly newsletter Awareness Watch and
delivers keynote presentations throughout the international marketplace. He also actively delivers one and two day workshops for key industry sectors displaying how the Internet can be used as a tool to maintain current awareness and professional competencies.

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

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

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

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

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

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

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

Current Awareness Discovery Tools on the Internet

Deep Web Research and Discovery Resources 2014 Article - LLRX and Online White Paper
http://zillman.blogspot.com/2013/12/llrx-deep-web-research-and-discovery.html
http://DeepWeb.us/

eMarketing MiniGuide 2014
http://www.eMarketingMiniGuide.com/

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

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

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

Knowledge Discovery Resources 2014
http://www.KDResources.info/

New Economy Resources 2014
http://www.NewEconomyResources.com/

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

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

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

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

Using the Internet As a Dynamic Resource Tool for Knowledge Discovery

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

Web Guide for the New Economy

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.