

# Knowledge Discovery Resources 2006

## An Internet MiniGuide Annotated Link Compilation

By

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This Internet MiniGuide Annotated Link Compilation is dedicated to the latest and most competent resources for knowledge discovery available over the Internet. With the constant addition of new and pertinent 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 knowledge discovery resources and sites both in the visible and invisible world wide web. The following selected knowledge discovery resources and sites offer excellent knowledge and information discovery sources to help you accomplish your research goals!

### **ACM SIGKDD: Current Explorations Issue**

<http://www.acm.org/sigs/sigkdd/explorations/issue.php?issue=current>

Explorations is published twice yearly, in June/July and in December/January each year. The newsletter is distributed in hardcopy form to all members of the ACM SIGKDD. It is also sent to ACM's network of libraries. Online versions are available on the web free to the general public. Their goal is to make the SIGKDD Newsletter an informative, rapid means of publication and dynamic forum for communication with the Knowledge Discovery and Data Mining community.

### **Advanced Knowledge Technologies**

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

The Advanced Knowledge Technologies (AKT) project aims to develop and extend a range of technologies providing integrated methods and services for the capture, modelling, publishing, reuse and management of knowledge. AKT is a multi-million pound , six year collaboration between internationally recognized research groups at the Universities of Aberdeen, Edinburgh, the Open University, Sheffield and South Hampton.



### **APECKS: a Tool to Support Living Ontologies**

<http://ksi.cpsc.ucalgary.ca/KAW/KAW98/tennison/index.html>

Ontology servers are currently under-developed in terms of the support they provide for collaborative activities on their content. This paper presents the APECKS (Adaptive Presentation Environment for Collaborative Knowledge Structuring) system, an ontology server which supports collaboration by allowing individuals to create personal ontologies. These ontologies can be compared with others' to prompt discussion about the sources of their differences and similarities.

### **Association of KnowledgeWork (AOK)**

<http://www.kwork.org/index.html>

At the Association of KnowledgeWork, people from every specialty cross professional, geographic, cultural, economic and hierarchical barriers to learn together. Not just another website, this is a virtual home for those who work with knowledge.

### **BAYESIA: Bayesian Networks and Data Mining Tool**

<http://www.bayesia.com/GB/produits/bLab/BlabPresentationDM.php>

The Bayesian Network approach merges and supersedes existing approaches coming from Artificial Intelligence and Data Mining, both symbolic and statistical ones. Bayesian Networks are rigorously justified, provide a distributed knowledge representation, and are as understandable as a rule base. They deal particularly well with uncertainty, and they can be manually generated by consultation of an expert, or inductively built by machine learning.

### **Bibliomining Information Center - Data Mining for Libraries**

<http://www.bibliomining.com/> The basic definition is "*data mining for libraries.*" For years, bibliometrics has been used to track patterns in authorship, citation, etc. Today, there are many more tools available for discovering similar patterns in complex datasets from data mining and statistics. In addition, tools from management science such as Online Analytical Processing (OLAP) can be used to explore the data for patterns. Therefore, a more complex definition is: Bibliomining is the combination of data mining, bibliometrics, statistics, and reporting tools used to extract patterns of behavior-based artifacts from library systems

### **Brint.com - Business Technology - Information Economy - Knowledge Management**

<http://km.brint.com/>

KMNetwork and the WWW Virtual Library of Knowledge Management combined to bring together an excellent resource for research papers and portals on knowledge management and discovery. In depth research articles and research portals from over the entire global Internet discuss the business, technologies, processes, systems, sociology, creativity, psychology and philosophy of Knowledge Management.



## **Center for Automated Learning and Discovery (CALD)**

<http://www.cs.cmu.edu/~cald/>

The Center for Automated Learning and Discovery (CALD) is an academic department within Carnegie Mellon University's School of Computer Science. They focus on research and education in all areas of statistical machine learning. To tackle these problems they develop algorithms that discover general conjectures and knowledge from specific data and experience, based on sound statistical and computational principles. They also develop theories of learning processes that characterize the fundamental nature of the computations and experience sufficient for successful learning in machines and in humans.

## **Creative Commons RDF-Enhanced Search**

<http://search.creativecommons.org/index.jsp>

This search engine will help you find photos, music, text, books, educational material, and more that is free to share or build upon. Copyright applies fully and automatically to any work. a photograph, a song, a web page, an article, pretty much any form of expression, the moment it is created. This means that if you want to copy and re-use a creative work you find online, you usually have to ask the author's permission. This "all rights reserved" protection is good thing for many authors and artists. But what about those who want you to use their work freely without permission -- but on certain conditions? This search engine helps you quickly find those authors and the work they have marked as free to use with only "some rights reserved." If you respect the rights they have reserved (which will be clearly marked, as you'll see) then you can use the work without having to contact them and ask. In some cases, you may even find work in the public domain -- that is, free for any use with "no rights reserved."

## **Conceptual Graphs**

<http://www.cs.uah.edu/~delugach/CG/>

Conceptual graphs (CGs) are a system of logic based on the existential graphs of Charles Sanders Peirce and the semantic networks of artificial intelligence. They express meaning in a form that is logically precise, humanly readable, and computationally tractable. With their direct mapping to language, conceptual graphs serve as an intermediate language for translating computer-oriented formalisms to and from natural languages. With their graphic representation, they serve as a readable, but formal design and specification language. CGs have been implemented in a variety of projects for information retrieval, database design, expert systems, and natural language processing.

## **D2K - Data To Knowledge**

<http://alg.ncsa.uiuc.edu/do/tools/d2k>

D2K - Data to Knowledge is a rapid, flexible data mining and machine learning system that integrates analytical data mining methods for prediction, discovery, and deviation detection, with data and information visualization tools. It offers a visual programming environment that allows users to connect programming modules together to build data



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mining applications and supplies a core set of modules, application templates, and a standard API for software component development.

### **Data Mining and Knowledge Discovery in Databases**

<http://db.cs.sfu.ca/sections/publication/kdd/kdd.html>

This is an archive of frequently accessed papers on Data Mining and Knowledge Discovery in Databases. Other links include: Spatial and Multi-Media Databases, Deductive and Object-Oriented Databases, MSc. and Ph.D. Theses Related to Data Mining and Database Systems, Conference or Workshop Presentation Slides and Other Papers on KDD.

### **Data Mining and Knowledge Discovery (KDD) Journal**

<http://snipurl.com/dgu9>

Data Mining and Knowledge Discovery in Databases (KDD) is a rapidly growing area of research and application that builds on techniques and theories from many fields, including statistics, databases, pattern recognition and learning, data visualization, uncertainty modelling, data warehousing and OLAP, optimization, and high performance computing. KDD is concerned with issues of scalability, the multi-step knowledge discovery process for extracting useful patterns and models from raw data stores (including data cleaning and noise modelling), and issues of making discovered patterns understandable.

### **Data Mining Resources**

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

A Subject Tracer™ Information Blog developed and created by Internet expert, author, keynote speaker and consultant Marcus P. Zillman, M.S., A.M.H.A. for monitoring data mining resources and sites on the Internet.

### **Data Mining : White Papers, Webcasts and Product Information**

[http://www.bitpipe.com/data/rlist?t=itmgmt\\_10\\_40\\_96](http://www.bitpipe.com/data/rlist?t=itmgmt_10_40_96)

Research the latest Data Mining technologies, tools and techniques. Read white papers, case studies, webcasts and product information from multiple vendors .

### **Deep Web Research 2006**

<http://zillman.blogspot.com/2006/01/llrx-january-2006-issue-deep-web.html>

Web search guru **Marcus P. Zillman's** guide extensively documents resources that include articles, books, websites, presentations, search engines, and technology applications that facilitate the challenging task of accessing information, published in many formats, that encompass the hundreds of millions of pages comprising the "deep web."



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## **DigiCULT Resources - Resource Discovery & Information Retrieval**

<http://www.digicult.info/pages/resources.php?t=21>

An excellent resource listing of resource discovery and information retrieval resources, sources, sites and tools that will definitely aid the researcher in knowledge discovery. This DigiGULT page is updated frequently with the latest resources and tools.

## **Explore Open Archives**

<http://opcit.eprints.org/explorearchives.shtml>

This site lists and comments on other lists of individual open archives. This list and its categorisation gives a broad overview of the structure, size and progress of full-text open access eprint archives. This list will be maintained and updated as far as is possible, and is intended to assist further quantitative research on the open access eprint phenomenon for those who want to measure the growth and quality of open access eprint archives.

## **GeneMiner**

<http://www.kdiscovery.com/gm-index.htm>

GeneMiner is an intelligent data mining tool designed to capitalize on the automatic search and optimization capabilities of genetic algorithms, ploughs through raw data and churns out valuable knowledge in the form of textual rules for a wide variety of business and financial applications that need automated decision making with explanation capabilities. Genetic algorithms is a revolutionary, Artificial Intelligence technology that lets users build applications directly upon the knowledge contained in data.

## **Global Knowledge Partnership (GKP)**

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

The Global Knowledge Partnership (GKP) is a worldwide network committed to harnessing the potential of information and communication technologies (ICTs)\* for sustainable and equitable development. GKP's vision is a world of equal opportunities where all people can access and use knowledge and information to improve their lives. The network enables the sharing of information, experiences and resources to help reduce poverty and empower people.

## **GMDH - Group Method of Data Handling**

<http://come.to/GMDH>

Group Method of Data Handling was applied in a great variety of areas for data mining and knowledge discovery, forecasting and systems modeling, optimization and pattern recognition. Inductive GMDH algorithms give possibility to find automatically interrelations in data, to select optimal structure of model or network and to increase the accuracy of existing algorithms. This original self-organizing approach is substantially different from deductive methods used commonly for modeling. It has inductive nature - it finds the best solution by sorting-out of possible variants.



### **Gurteen Knowledge Website**

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

This site acts as a gateway Knowledge Management, Learning, Thinking, Creativity, Personal Mastery; Personal Knowledge Management and the effective use of Technology. The site has been created by and maintained by David Gurteen an UK-based knowledge consultant.

### **Google™ Directory – Knowledge Discovery**

[http://directory.google.com/Top/Reference/Knowledge\\_Management/Knowledge\\_Discovery/](http://directory.google.com/Top/Reference/Knowledge_Management/Knowledge_Discovery/) Google's directory of Knowledge Discovery resources on the world wide web in the following categories: 1) Books, 2) Business and Companies, 3) Data Mining, 4)

Information Visualization, 5) Magazines and eZines, 6) OLAP, 7) Organizations, 8) Software, and 9) Test Mining.

### **IBM Research - Knowledge Discovery & Data Mining (KDD)**

<http://www.research.ibm.com/compsci/kdd/>

IBM Research has been at the forefront of the exciting new area of Knowledge Discovery & Data Mining (KDD) from the very beginning. Key advances in robust and scalable data mining, methods for fast pattern detection from very large databases, text and web mining, and innovative business intelligence applications have come from our research laboratories. Links to their current projects as well as KDD links are available from this site.

### **IKNOW (Inquiring Knowledge Networks on the Web)**

<http://www.spcomm.uiuc.edu/Projects/TECLAB/IKNOW/>

IKNOW helps an organization by putting in place a mapping, visualization, and measurement system that can help organizations to study the patterns of knowledge and information flow through an organization's informal network. This, in turn, can help enhance an organization's capability to identify critical patterns of knowledge distribution and information flow, and thus, more effectively manage these knowledge assets. IKNOW provides the focus associated with mapping, measurement and visualization of knowledge networks and combines it with the power of structured collaboration. Further its ability to run on many popular Web platforms enhances its ease of use.

### **Insightful Miner 3**

<http://www.insightful.com/products/iminer/default.asp>

Insightful Miner is a highly scalable data mining and analysis workbench that gives new analysts and skilled modelers the ability to deploy predictive intelligence throughout the enterprise. Insightful Miner 3 increases support for large data environments with new versions for Windows and Solaris servers and adds many new features that allow data analysts and data miners to easily build and deploy analytic applications that boost product performance and improve the efficiency of critical business processes.



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### **IntelligentKM Feature - Extracting Knowledge**

<http://www.intelligentkm.com/feature/010507/feat1.shtml> Information extraction (IE) technology employs advanced machine learning, or artificial intelligence (AI) techniques, to help aggregate and integrate Web content. Working in conjunction with information retrieval and organization tools, automated extraction is a powerful means of finding content on the Web. While IE is not a stand-alone application, it is a key part of any knowledge management (KM) strategy.

### **Intelligent Portals**

<http://www.intelligent-portals.com/>

They provide targeted, in-depth information and advice, unavailable anywhere else, about the management strategies, IT architectures, and products involved. Management and technology issues pertaining to business intelligence (OLAP, data mining, and reporting), data warehousing, customer relationship management (CRM), data and application integration, knowledge management, and scalable e-business are the bread and butter of our editorial coverage. These issues directly pertain to the transformation of corporate information into strategic knowledge for business gain. Communities included: Intelligent Performance, IntelligentCRM, Intelligent Applications, and Intelligent Integration.

### **International Workshop on Peer-to-Peer Knowledge Management (P2PKM)**

<http://www.p2pkm.org/>

The P2PKM workshop is intended to serve as an active forum for researchers and practitioners, where they will have the possibility to exchange and discuss novel ideas, research results and experiences, laying in the intersection of the P2P, Knowledge Management (KM), Semantic Web, databases, pervasive computing, agents, as well as other related fields.

### **ITtoolbox Knowledge Management – Knowledge Management Information and Tools**

<http://knowledgemanagement.ittoolbox.com/> A comprehensive site for Knowledge Management and Discovery Resources including browse by type of content: Blogs, FAQs, Groups, Jobs, News, Peer Publishing, PR, Research and White Papers. Also available browse by Knowledge Management Topic: Business Intelligence, Business Strategy/Planning, Communication/Collaboration, Data Warehousing, Document/Content Management, e-Learning, Enterprise Portals, General Knowledge management, KM Career, Knowledge Transfer, and Packaged KM Suites.

### **KBL(sm): A Registry of Library Knowledge Bases**

<http://www.public.iastate.edu/~CYBERSTACKS/KBL.htm>

Library-created or library-related Knowledge Bases. A Knowledge Base / Knowledgebase may be defined as a database with a focus on empirical or practical



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knowledge. In recent years, Knowledge bases have become common components for many businesses and services.

### **K-CAP2005 - Third International Conference on Knowledge Capture**

<http://www.kcap05.org/>

Areas covered: Knowledge engineering and modeling methodologies, Mixed-initiative planning and decision-support tools, Acquisition of problem-solving knowledge, Programming-by-demonstration systems, Knowledge management environments, Knowledge-based markup techniques, Knowledge extraction systems, Knowledge acquisition tools, Advice taking systems, and Learning apprentice.

### **K-Collector**

<http://www.evectors.com/itkcollector/home>

k-collector is an enterprise knowledge aggregator that leverages the power of social software, weblogs and shared topics to present new ways of finding and combining the real knowledge in your organization.

### **KDD-2006: The Twelfth ACM SIGKDD International Conference on Knowledge Discovery and Data Mining**

<http://www.acm.org/sigs/sigkdd/kdd2006/>

During the past years, the ACM SIGKDD conference has established itself as the premier international conference on knowledge discovery and data mining with an attendance of 600-900 people. To continue with this tradition, the twelfth ACM SIGKDD conference will provide a forum for researchers from academia, industry, and government, developers, practitioners, and the data mining user community to share their research and experience. The SIGKDD conference will feature keynote presentations, oral paper presentations, poster presentations, workshops, tutorials, and panels, as well as the KDD Cup competition. KDD-2006 will also award scholarships to selected students to help defray the cost of participating in the conference. Details will appear on the conference Web site as they become available.

### **KDnuggets: Data Mining, Web Mining, and Knowledge Discovery Guide**

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

KDnuggets.com (KD stands for Knowledge Discovery) is the leading source of information on Data Mining, Web Mining, Knowledge Discovery, and Decision Support Topics, including News, Software, Solutions, Companies, Jobs, Courses, Meetings, Publications, and more. KDnuggets News has been widely recognized as the leading newsletter on Data Mining and Knowledge Discovery.

### **KmBlogger**

<http://www.voght.com/cgi-bin/pywiki?KmBlogger>

A resource covering site, resources, communities and related information about the relationship between blogs and knowledge management and knowledge discovery.



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## **KMWorld's 100 Companies that Matter in Knowledge Management 2005**

<http://www.kmworld.com/100.cfm>

This is a list of the top 100 companies in Knowledge Management for 2005 selected by KMWorld from a listing of over 1000 companies.

## **Know-Center - Austria's Competence Center for Knowledge Management**

<http://www.know-center.at>

The Know-Center is Austria's Competence Center for knowledge-based Applications and Systems. The Know-Center has its core competences in the fields of information technology as enabling technologies for knowledge management and in human-oriented knowledge management.

## **Knowledge Discovery**

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

A Subject Tracer™ Information Blog developed and created by Internet expert, author, keynote speaker and consultant Marcus P. Zillman, M.S., A.M.H.A. for monitoring knowledge discovery resources and sites on the Internet.

## **Knowledge Harvesting**

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

Knowledge Harvesting is used to rapidly convert top-performer expertise into knowledge assets that enhance corporate valuation and protect the organization from knowledge degradation. The purpose of this site is to offer an extensive introduction to Knowledge Harvesting.

## **Knowledge Harvesting - KM Toolkit**

[http://www.nelh.nhs.uk/knowledge\\_management/km2/harvesting\\_toolkit.asp](http://www.nelh.nhs.uk/knowledge_management/km2/harvesting_toolkit.asp)

A detailed explanation of knowledge harvesting by the National Electronic Library for Health including a toolkit that offers step by step implementation of knowledge harvesting and a list of resources and references.

## **Knowledge Management: A Guide to Resources on the Internet by Michael M. Smith**

<http://snipurl.com/5i2z>

Knowledge Management (KM) is one of many important topics being addressed by companies in today's complex business environment. There are many excellent resources on the Internet addressing the many aspects of KM. The resources listed in this guide offer a wide variety of information on KM provided by academic/research organizations, information portals, consultants, and governmental and nonprofit organizations.



### **Knowledge Management Cluster Web**

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

KMCluster focus is knowledge management (KM). Focus is also on the key KM techniques of enterprise collaboration (EC), organizational learning (OL), communities of practice (CP), social networks (SN), intellectual capital (IC), complexity science (CS), content management (CM), measurement & metrics (MM), policy & procedures (PP), innovation & invention (II) and analytics & taxonomies (AT).

### **Knowledge Management Magazine – Inside Knowledge**

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

The original knowledge management publication. The knowledge that exists within your organisation is your only sustainable source of competitive advantage. They believe this makes knowledge management a strategic imperative for you. Each issue of *Inside Knowledge* is designed to provide you with the information you require to: 1) Learn from the mistakes and success stories of others, 2) Lower business costs and increase productivity across your organization, 3) Ensure the ongoing professional development of yourself and your colleagues, and 4) Keep on top of industry developments, new techniques and tools for knowledge management and knowledge discovery.

### **Knowledge Management Research Center - CIO**

<http://www.cio.com/research/knowledge/>

Making the most of intellectual capital. Topics in the Knowledge Management Research Center include: 1) Overview, 2) Strategy, 3) Process, 4) Measurement, 5) Technology, 6) Portal and Collaboration, 7) In the Know, 8) Case Studies, 9) Metrics, 10) CIO Radio, 11) Q&A, 12) Books, 13) Events, and 14) Newsletters. A comprehensive research center presented and updated by CIO.

### **Knowledge Management Resource Center**

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

Knowledge Management Resource Center is a gateway to the world of Knowledge Management (KM). On this site you'll find a comprehensive collection of KM resources, each reviewed and described to help you quickly locate what you're looking for. You can explore knowledge management in their 17 departments, browse their bookstore, or search the site by keyword.

### **KT web – Connecting Knowledge Technology Communities**

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

KTweb brings together the European projects and people working in information access and knowledge technologies - in research, academia and business - and offers information and resources in these domains at a global level.



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### **Linguistic Tools for Knowledge Discovery**

<http://www.montague.com/abstracts/discovery.htm>

The gaps between subject and functional boundaries are one of the best sources of breakthrough innovation. Yet for a variety of reasons — managerial, technical, and editorial — it's often difficult to exploit them. In this article they use an example from their own research and experience to show how linguistic tools such as thesauri, glossaries, and navigation schemes can promote knowledge discovery by exposing potential linkages between seemingly unrelated subjects.

### **McCullough Knowledge Explorer and the MKR Language**

<http://rhm.cdepot.net/>

McCullough Knowledge Explorer (MKE) is an interactive tool for organizing knowledge. It helps the user to record, change and search knowledge, and provides extensive error checking to ensure the internal consistency of the knowledge. Interaction with MKE uses the MKR language. MKR is a very-high-level knowledge representation language with simple English-like statements, questions and commands, plus UNIX-shell-like variables, methods and control structures.

### **Megaputer Intelligence**

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

Megaputer Intelligence Inc., a Delaware corporation established in May of 1997, is a leading developer and distributor of advanced software tools for data mining, text mining, and intelligent e-commerce personalization. Their tools help reveal knowledge hidden in data. They add intelligence and insight to every step of the business decision-making process. The mission of Megaputer is to provide customers around the world with top quality software tools for transforming raw data into knowledge and facilitating better business decisions.

### **Open Directory – Knowledge Discovery**

[http://dmoz.org/Reference/Knowledge\\_Management/Knowledge\\_Discovery/](http://dmoz.org/Reference/Knowledge_Management/Knowledge_Discovery/) A listing of knowledge discovery resources broken into the following categories: 1) Books, 2) Business and Companies, 3) Magazine and eZines, 4) Organizations, 5) Software, 6) Data Mining, 7) Information Visualization, 8) OLAP, and 9) Text Mining.

### **PEPITe S.A.**

<http://www.pepite.be/>

PEPITe is a company specialized in intelligent data exploration and knowledge extraction techniques. PEPITe sells Knowledge Discovery in Databases (KDD) solutions. These solutions combine software modules and services. PEPITe offers a complete range of services and products dedicated to industrial Data Mining (DM) applications.



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## **SPSS, Data Mining, Statistical Analysis Software, Predictive Analysis, Predictive Analytics, Decision Support Systems**

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

SPSS predictive analytics, enterprise applications, and decisioning systems provide the most effective means for you to shape your organization's future for knowledge management and knowledge discovery. A very large selection of commercial based products from data mining to knowledge discovery.

## **STATISTICA - Data Mining, Data Analysis, Quality Control, and Web Analytics Software**

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

StatSoft's flagship product line is the *STATISTICA* suite of analytics software products. *STATISTICA* provides the most comprehensive array of data analysis, data management, data visualization and data mining procedures. Its techniques include the widest selection of predictive modeling, clustering, classification and exploratory techniques in one software platform. Ideal for the knowledge discovery starter kit ....

## **T2K - Text to Knowledge**

<http://alg.ncsa.uiuc.edu/do/tools/t2k>

The T2K (Text to Knowledge) tool provides text mining and analysis capabilities that have been specially designed to operate in and capitalize upon the complexity of rich natural language domains of very large stores of text and multimedia documents. T2K is a library of D2K modules that implements sophisticated algorithms for text analysis.

## **Telemakus - Mining and Mapping Research Findings to Promote Knowledge Discovery**

<http://www.telemakus.net/> The goal of the Telemakus System is to enhance the knowledge discovery process by developing retrieval, visual and interaction tools to mine and map research findings from the research literature. The objective of the research is to create, test and validate an infrastructure to permit the automation of the creation and maintenance of a searchable database that generates knowledge maps via query tools and concept mapping algorithms. We will also be applying natural language processing models and information analysis methods to ultimately speed up the scientific discovery process.

## **The Data Mine**

<http://www.the-data-mine.com/> The Data Mine was launched in April 1994, to provide information about DataMining (AKA KnowledgeDiscoveryInDatabases or KDD). There are 6 separate DataMining topic areas (known as "webs"), each with an index. You could also start with the IntroductionToDataMining. Popular pages include: OnLine Analytical Processing (OLAP) , Data Mining Journals, Data Mining Tutorials, Data Sources. Topic



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areas include: Data Mining Software, Data Mining Index, Data Mining General/Misc, People Working in Data Mining, and Data Mining Companies and Organizations.

### **The Protégé Project**

<http://protege.stanford.edu/>

Protégé is an ontology editor and a knowledge-base editor. Protégé is also an open-source, Java tool that provides an extensible architecture for the creation of customized knowledge-based applications. Protégé's OWL Plug-in now provides support for editing Semantic Web ontologies.

### **The Knowledge Management Forum (KMForum)**

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

The Knowledge Management Forum is a virtual community practice focused on furthering the fundamental theories, methods, and practices supporting the *Knowledge Professions*. The new KMForum Conference Center (KM FCC) is just one of many changes planned for the coming months as the KMForum grows to meet the needs of the Knowledge Professions.

### **Visual Analytics - VisuaLinks, Link Analysis, Data Mining Software**

<http://www.visualanalytics.com/> VisuaLinks® is a platform-independent, graphical analysis tool used to discover patterns, trends, associations and hidden networks in any number and type of data sources. VisuaLinks presents data graphically uncovering underlying relationships and patterns. VisuaLinks addresses the entire analytical process – from access and integration to presentation and reporting – providing a single and complete solution to a broad range of data analysis needs.

### **UCI Knowledge Discovery in Databases Archive**

<http://kdd.ics.uci.edu/>

This is an online repository of *large data sets* which encompasses a wide variety of data types, analysis tasks, and application areas. The primary role of this repository is to enable researchers in knowledge discovery and data mining to scale existing and future data analysis algorithms to very large and complex data sets. The archive is intended to serve as a permanent repository of publicly-accessible data sets for research in KDD and data mining.

### **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:



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

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

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

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

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

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/>



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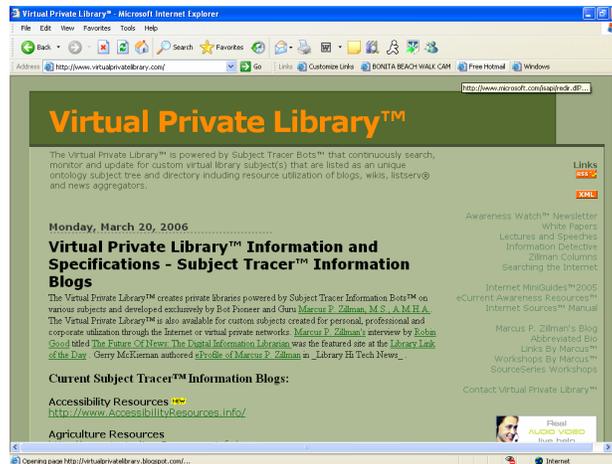


Figure 2 Virtual Private Library™

**Author Information:** Marcus P. Zillman, M.S., A.M.H.A. 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 43 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.

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