

Directory of Popular Search Engines

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Abstract

Digital library initiatives are vertebral column for development of digital libraries in the professional world and Information Communication Technology (ICT) become inevitable in the present information explosion. The heavy usage of digital and electronic resources has increased expectations of library profession so to meet the needs and expectations of the user's one stop solution is adopt modern ICT facilities. The present study focuses on LIS professional's background, research institutional R & Organizations library information, ICT facilities, LIS services offered, digital library initiatives, professional expertise in research institutions and R & D organizations in Karnataka.

Keywords: Information Communication Technology (ICT); Digital Library Initiatives; Research Institute; R & D Organization.

Introduction

Internet is a network of networks scattered all over the world. It allows millions of people all over the world to communicate and use their ideas and information. These days the internet seems to be everywhere.

Number of information sources for education and research are available on the web including scholarly journals, Technical reports, Theses etc. As a result the web has become an ocean of all kinds of information finding information from the huge information reservoirs become extremely difficult. In order to overcome this difficulty in retrieving information WWW, Several companies and institutions are developed various search aids called as search engines.

Definition

"A search engine is computer software that searches a collection of electronic materials to retrieve

citation, document or information that matches or answers a user's query. The retrieved materials may be text documents, images, sounds, video etc." Search engine is a tool which helps in retrieving information from the internet.

Functioning of search engine

When a user invokes a search, user runs a client program that contacts the server when the request arrives at the server. When the request arrives at the server, the server doesn't contact all the computers on the internet. Instead, the server consults the list it has compiled in its local disk, which is similar to looking for an answer in telephone directory.

Search engine automatically runs a program that contacts the computer on the internet to obtain a new list of available items or WebPages. Such programs are called WebCrawler or spiders or indexing programs.

Later when a user makes a request the browser on the use's computer becomes a client, contacts search engines server and send the string the user has entered. The server compares the string with the items stored on its local disks and return by URLs in which that strings has occurred.

Search engine actually enumerates a webpage that contains the results of search and returns it to the user's browsers.

The webpage that results from search is a dynamic page using the technological Common Gateway

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Interface (CGI).

Types of search engines

Through many tools exist for searching and retrieving information on the web, the differs significantly from each other. Search services have evolved through various mechanisms for searching and indexing the web. Search engines are divided in to two types.

1. Robot driven search engines
2. Web directories search engines

Robot driven search engines have three major elements; A robot, an index and a search program. The robot is an automated software agent that scans public WebPages and follows hyper links to other pages on the web. Every thing the robot retrieves goes into the index. After a webpage is indexed, the search engines search program may retrieve it. When a searcher enters search terms into a search engine, the software shifts through the indexed relevance criteria. Different robot driven search engines produce different results because of the ways the robot, the index and the search program work.

Though the principles behind each search engine are the same, each search engine indexes different parts of documents with various priorities. For example, most robots drove search engines index HTML documents only, where as the robot for google indexes both HTML and PDF documents.

Meta Search Engine

Meta search engines use a number of basic search engines simultaneously that provide a uniform interface where a search on a query can be conducted in a several search engines and directories, meta search engine don't have their own databases and directories.

They don't WebPages, don't accept URL additions are classify and revive the web sites. Instead they sent queries simultaneously to multiple web search engines and web directories.

Example: Dogpile

It applies for 13 search engines simultaneously. Some of the Meta search engines allows for use of Boolean operators while other allows only for simple search.

Some shows their results simultaneously and rank the results. Some eliminates the duplicates while others do not.

Need for study

The advents of World Wide Web and digital techniques have changed the mode of search strategy. This has resulted in multiplication of search engines. Hence, information related to library and information science is scattered on the internet in digital form. Users find it difficult to locate most appropriate resource to retrieve relevant information matching their needs. Based on the retrieval of web resources, an attempt has been made here, to prepare a directory of important and popular search engines on internet.

Scope and limitations

The scope of the project extends to include all type of search engines which are most important and popular on internet. It also covers important and popular Meta search engines.

Methodology

Step by step procedure followed for the compilation of "directory of important and popular search engines on internet" was by using internet

1. At the beginning stage all the important key words, concepts of title were identified.
2. All synonymous related terms of key words were identified.
3. Clear search strategy was prepared based on information need.
4. Alltheweb.com and WorldWideWeb search engine.com were selected for searching information.
5. All the different types of directory were selected for searching information.
6. The result of search was viewed.
7. Among the hits, relevant hits were chosen.
8. Collected information/search engines were arranged in alphabetical order.

General Search Engine

A

AllTheWeb 101

Description: Profile of AllTheWeb.
www.allTheweb.com

AltaVista 101

Description: Learn how to use AltaVista.
www.altavista.com

AOL Search 101

Description: News and information about AOL Search.

www.aolSearch.com

Ask Jeeves 101

Description: Ask the butler anything!

www.AskJeeves.com

Anti-Terrorism Search Engine

Description: Blog posting about an anti-terrorism search engine in production.

www.antiterrorism.com

Anatomy of a Search Engine

Description: Blog posting discussing search engines, inside and out, and how they affect search engine optimization.

www.anatomy.com

Artcyclopedia

Description: Artcyclopedia.com is a art search engine that covers "1800 art sites, and offer over 60,000 links to an estimated 150,000 artworks by 8,100 renowned artists."

www.Artcyclopedia.com

Amazon and A9

Description: Brief profile of Amazon's search engine, A9.

www.amazon.com

Acronyma.com

Description: Brief profile of Acronyma.com, a search engine that only searches acronyms and their meanings.

www.Acronyma.com

A9.com

Description: A9.com is a search engine put together by the good folks at Amazon, one of the largest and most successful online retailers in the world. Find out what A9.com has to offer, how to use it, and how it works.

www.a9.com

Answers.com

Description: Answers.com is a great search tool that will help you find the answers you're looking for fast, with maximum credibility.

www.answer.com

AuctionMapper

Description: An extremely cool eBay search engine.

www.auctionmapper.com

B*Bit Torrent Search Engine*

Description: Review of Isohunt, a Bit Torrent search engine.

www.bittorrent.com

Bitoogle.com

Description: Brief profile of Bitoogle, a bit torrent search engine.

www.bitoogle.com

Basic Boolean Search

Description: Most search engines can be searched more effectively by utilizing these Boolean search tips.

www.basicboolean.com

Basics of Search

Description: Find what you're looking for in search engines and directories using these basic search tips.

www.basics.com

Boots4Troops.com

Description: Brief profile of this search engine that was created to support American soldiers.

www.boots4troops.com

Blingo.com

Description: Profile of Blingo.com, a search engine that offered prizes for searching.

www.blingo.com

Blogs and Search Engine Optimization

Description: Learn how blogs and search engine optimization can fit together.

www.blogs.com

Blowsearch.com

Description: Discussion of the Blowsearch toolbar, the secured instant messenger technology they've developed, and how they intend to deal with click fraud.

www.blowsearch.com

Blogdigger.com

Description: Search engine that enables the user to search for blogs in their local area.

www.blogdigger.com

Blog Search Engines

Description: A collection of various specific blog search engines.

www.blogsearch.com

Bloggernity

Description: Search engine for blogs, with categorized directory listings.

www.bloggernity.com

BrightPlanet.com

Description: Read my interview with Michael K. Bergman of BrightPlanet.com.

www.brightplanet.com

Blowsearch - Click Fraud Interview

Description: Read my interview with Blow search partner Marcelo Fuenzalida, and hear how Blow search is planning on dealing with click fraud.

www.blowsearch.com

Free Blogging Guide

Description: Read this press release about Michael Bergman and his free comprehensive blogging guide.

www.freeblogg.com

BigClique.com

Description: BigClique.com is a crawler based search engine with an impressive index size. Read my review of BigClique.com to see if it might be a good search engine fit for you.

www.bigclique.com

BigClique Creator

Description: If you've ever wondered what would be involved in starting your own search engine, then this is the interview for you. Read about BigClique: how it started, where it's at, and where it's going.

www.bigcliquecreator.com

BrainBoost

Description: Find answers, not just search results, with BrainBoost.

www.brainboost.com

BoardTracker

Description: Read about BoardTracker, a message board and forums search engine.

www.boardtracker.com

C*Search Engine Crawlers*

Description: Definition of search engine crawlers.

www.crawlers.com

Create a Search Home Page

Description: Save time and frustration by creating a central search engine or search directory home page.

www.createserch.com

CompletePlanet.com

Description: Read my profile of CompletePlanet.com, a Deep Web search engine.

www.completeplanet.com

Codase

Description: Codase is a developer's search engine; it only searches source code.

www.codase.com

D*Do Search Engines Search The Entire Web?*

Description: Learn the answer to this intriguing question.

www.searchentire.com

Dictionary.com

Description: Find word definitions, antonyms, synonyms, and more with Dictionary.com, a free online dictionary that searches over 20 different dictionaries.

www.dictionary.com

Top Ten Domain Name Search Engines

Description: Here are my picks for the top ten domain name search engines.

www.topdomainname.com

Daypop

Description: Day pop is a current events search engine; it searches the blogosphere and regularly updated sites.

www.daypop.com

Droogle, a Drink Recipe Search Engine

Description: Droogle is a search engine that focuses only on drink recipes.

www.droogle.com

Directory of Open Access Journals Search engine

Description: Search engine that searches all subjects Free Journal which were hosted on Internet.

www.doaj.com

E

Excite.com

Description: Excite is a medium/large scale search engine and portal that is increasing its popularity.

www.excite.com

EventJAR.com

Description: Use EventJAR.com to find a cultural or entertainment event near you, including festivals, museum exhibitions, and more.

www.eventjar.com

Eurekster Swicki

Description: Make your very own search engine and place it on your site or blog with Eurekster's Swicki, a "new kind of search engine that allows anyone to create deep, focused searches on topics you care about."

www.eureksterswicki.com

Exalead.com

Description: Read my profile of Exalead, a general purpose search engine.

www.exalead.com

EducationWorld

Description: Read about EducationWorld, an education search engine.

www.educationworld.com

F

Fourth of July Search Engine Graphics

Description: See how some of the search engines celebrated the Fourth of July.

www.fourthsegraph.com

FoodieView, a Free Recipe Search Engine

Description: Searchers can find all kinds of recipes on here from a multitude of different recipe sites, including Food Network, Wolfgang Puck, AllRecipes.com, Martha Stewart, and more.

www.foodieview.com

Factbites

Description: Fact bites is a cross between a search engine and an encyclopedia.

www.factbites.com

FirstGov

Description: FirstGov.gov is an absolutely mammoth search engine/portal that gives the searcher direct access to searchable information from the United States government, state governments, and local governments.

www.firstGov.gov

FindArticles

Description: A search engine dedicated to mining the Web and the Deep Web for article content.

www.findarticles.com

G

Google 101

Description: Learn more about the search engine that's on top of the heap.

www.google.com

Google Search Engine Optimization on a Budget

Description: Optimize your site for the biggest budget search engine out there.

www.googlebudget.com

Google Quiz

Description: Test your Google knowledge with this fun quiz.

www.googlequiz.com

Google Catalogs

Description: Find catalogs on Google, anything from apparel to curriculum to toys.

www.googlecatalogs.com

Google Site Submission

Description: Learn the basics of submitting your site to Google.

www.googleitesubmission.com

Google Facts

Description: Learn a few little known facts about Google. Does Google Worry About Spelling and Capitalization? Learn the answer to this question.

www.googlefacts.com

Google Gmail

Description: Open to the general public, this is a great email service.

www.googlemail.com

Google Talk

Description: Read more about Google's instant message client.

www.googletalk.com

Google Desktop

Description: Google Desktop comes now with sidebar, floating deskbar, and more.

www.googledesktop.com

NASA Takes Google on Journey into Space

Description: Here's the official NASA press release about Google and NASA's new partnership.

www.google.nasa.com

Google Cheat Sheet

Description: Here are the top Google Shortcuts that any savvy Googler should have under his or her belt. search power, and an excellent user experience.

www.googlecheat.com

Google Base

Description: Read my detailed profile of Google Base-how to upload content, how to edit content, and more.

www.googlebase.com

Googly.com

Description: Here's my profile of Googly, an Internet search engine with some interesting features, good advanced

www.googly.com

Gigablast.com

Description: Search engine specifically targeting blogs. Here's my profile of Gig blast, an Internet search engine with some interesting features, good advanced

www.gigablast.com

H*How Search Engines Work*

Description: Learn what makes search engines tick.

www.howsengineswork.com

How To Submit Your Site to Search Engines and Directories

Description: A very bare bones tutorial on the basics of submits.

www.howsubsite.com

Human Search Engine

Description: A human-edited search engine (or directory, depending how you want to look at it) created by Ajeet Khurana, our About.com Guide to Business Majors.

www.humansearch.com

Harry Potter and Hogwarts - September Scavenger Hunt

Description: September's web scavenger hunt is all about Harry Potter and his own back to school adventures: Hogwarts, professors, school, books, and more.

www.harrypotter.com

Halloween Scavenger Hunt

Description: October's web scavenger hunt is all about Halloween traditions, Halloween history, and Halloween trivia.

www.halloweenscavenger.com

Healthline.com

Description: Find medical information with Healthline.com.

www.healthline.com

I*Isohunt.com*

Description: Profile of Isohunt.com, a peer to peer file search engine.

www.isohunt.com

Internet Explorer Default Search Engine Settings

Description: Learn how to change Internet Explorer's default, or pre-programmed, search engine.

www.iedefault.com

Invisible Web Gateways

Description: A collection of invisible web search tools.

www.invisiblewebgateways.com

Image Search Engines-Directories-Collections

Description: Find images on the Web using these image-specific search engines, directories, and collections.

www.image.com

Info.com

Description: Info.com, a "search platform which draws together the best of the Web", recently answered some basic questions for me.

www.info.com

Interview with Chris Tolles of Topix.net

Description: Read this fascinating interview with Chris Tolles, VP of Sales and Marketing for Topix.net, and find out what Topix is all about, what they've been doing, and what they're planning to do.

www.interviewtopix.net

Isohunt

Description: Learn more about Bit Torrents, Bit Torrent clients, Bit Torrent downloads, and how to find files with Isohunt.

www.isohunt.com

J

July Scavenger Hunt

Description: Use search engines and directories to complete this scavenger hunt.

www.julyscavenger.com

K

Kelkoo integrates Sight'Up artificial intelligence in its search system

Description: Kelkoo, one of the largest search engines in Europe and owned by Yahoo, recently integrated artificial intelligence technology in its database search system for faster and more efficient operating. Read this press release for more information.

www.kelkoo.com

L

LJSeek.com

Description: Search engine that searches Live Journal entries.

www.ljseek.com

Lycos 101

Description: Search better on Lycos with Lycos 101.

www.lycos.com

LookSmart 101

Description: Learn more about Look Smart with this short and sweet profile.

www.looksmart.com

LookSmart Rolls Out Biggest Vertical Search Launch In Web History

Description: Here's a transcript of my chat with Dave Hills, CEO of Look Smart, about their huge vertical search launch on October 27, 2005. Thirteen separate topic clusters are now live with 181 separate vertical search destinations.

www.looksmarttools.com

Law and Order Search Engines

Description: Find crime and law enforcement information on the Web with these law and order search engines.

LjSeek.com

Description: A search engine dedicated to the Live Journal blogging community.

www.ljseeklivejournal.com

M

MagPortal.com

Description: Search for magazine articles with MagPortal.com, a magazine search engine.

www.magportal.com

Top Five Medical Search Engines

Description: Read more about my picks for the top five medical search engines.

www.medicalsearch.com

MSN Search 101

Description: Learn more about Microsoft's search engine MSN Search in MSN Search 101. Version 7.5 up and running.

www.msnsearch.com

Multiply.com

Description: Social networking search engine.

www.multiply.com

O

Open Directory 101

Description: Learn more about one of the oldest directories on the Web.

www.opendirectory.com

OneLook.com

Description: A search engine for words and phrases.

www.openlook.com

Opinmind:

Description: Opinmind is a unique kind of blog search engine - it searches opinions as well as blogs.

www.onelook.com

Oodle

Description: Oodle is a search engine dedicated to only finding classified ads.

www.oodle.com

P

Page Rank

Description: What is Google Page Rank, and is it important?

www.pagerank.com

Podscope

Description: Podscope is a specialized podcast search engine.

www.podscope.com

Personalized Search

Description: Recap of Search Engine Strategies Session: Personalized Search and Search History.

www.personalized.com

Retrieve - A Free Public Records Search Engine

Description: Find free public records with Pretrieve, a free public records search engine. Find people online, search for business information, look for addresses and phone numbers.

www.pretrieve.com

Podcasting Hacks-A Review

Description: Here's my review of Jack D. Herrington's book Podcasting Hacks. You'll find tips and tricks for picking the perfect microphone, how to reduce noise, give listeners access to your shows, and even voice training sessions.

www.podcasting.com

Podzinger

Description: Read my review of Podzinger, a free podcast search engine with a lot of potential.

www.podzinger.com

PreviewSeek

Description: Read my review of PreviewSeek, a search engine that somewhat misguidedly bills itself as the "world's most advanced search engine."

www.previewseek.com

Picsearch

Description: Learn more about Picsearch, an image search engine

www.picsearch.com

S

Search Engine Optimization FAQ

Description: Answers to the most common SEO questions.

www.serengoptimization.com

Search Engine Quiz

Description: Test yourself and your search engine knowledge.

www.searchenginequiz.com

Search Engines and Spam

Description: Find out what spamming the search engines is, why you shouldn't do it, and how it relates to search engine optimization.

www.sesbam.com

Search Engine Friendly Web Design

Description: Be friendly to the search engines and they will be friendly to you.

www.searchengwebdes.com

Search Engines and the Internet

Description: Brief discussion on the growth of the Net and how search engines are trying to keep up.

www.serengnet.com

Search Engines for Kids

Description: Find search engines and other sites on the Web specifically targeted for kids.

www.serengkids.com

Subject Directory

Description: Learn what subject directories are and how you can use them.

www.subdir.com

Search Engine Strategies San Jose 2005, Recap of First Session

Description: Read my recap of my first session at Search Engine Strategies 2005 in San Jose - Introduction to Search Engine Marketing.

www.sesr.com

Site Submission

Description: Part of the search engine optimization process can include submitting your site to the various engines and directories. If you choose to submit your site, I've laid out the basics for you.

www.sitesub.com

Simply Fired

Description: Great site for when you're feeling a bit down about where your career is going. Read this press release from SimplyFired.com, and learn who won the SimplyFired contest of who had the worst "being fired" story.

www.simplyfried.com

SLI Systems

Description: Read my interview with SLI Systems.

www.slisystems.com

Scirus

Description: Read about Scirus, an extremely comprehensive search engine that only searches science-specific content.

www.scirus.com

Search.com

Description: Excellent Meta search engine put together by CNET.com.

www.search.com

SurfWax, search Engine

Description: SurfWax is a great search engine with lots of excellent advanced search features.

www.surfwax.com

Snap

Description: Read about Snap, an interesting new kind of search engine.

www.snap.com

T

Trivial Pursuit and Search Engines

Description: An experiment to see how well search engines play Trivial Pursuit.

www.trivialpursuit.com

ThinkExist.com

Description: A specialized search engine just for quotations.

www.thinkexist.com

Technical Requirements for Online Multimedia

Description: Use these resources to figure out what technical requirements you'll need to utilize multimedia content on the Web, as well as choose a media player.

www.tecrecolmm.com

Topix.net

Description: Topix is an immense news site that is a combination news search engine and news aggregator. Find out why this particular search tool is now one of my favorite Web destinations.

www.topix.net

Travel Search Engines

Description: Phil Carpenter, VP of Corporate Marketing with travel search engine Sidestep, gives us an inside look into the travel search engine world.

www.travel.com

Turbo10, an Invisible Web Search Engine

Description: Turbo10 is a search engine that trawls the Invisible, or Deep Web for results.

www.turbo10.com

Teoma

Description: Read my review of Teoma, a good general search engine.

www.teoma.com

Travelocity

Description: Read my profile of travel search engine Travelocity.

www.travelocity.com

Torrent Typhoon, a Bit Torrent search Engine

Description: Read about Torrent Typhoon, a BitTorrent search engine.

www.torrenttyphoon.com

Technorati, a Blog Search Engine

Description: Read about Technorati, a search engine dedicated to the blogosphere.

www.technorati.com

TalkDigger

Description: TalkDigger is a way to track conversations across the Web.

www.talkdigger.com

U

Ujiko.com

Description: A visual search engine that "learns" as you use it.

www.ujiko.com

V

Vebasearch.com

Description: Find people with vebasearch.com, a free people search engine. You can search by what is available in the public domain for free public access

www.vebsearch.com

W

WiseNut

Description: Read my profile of WiseNut, a good general search engine.

www.wisenut.com

Y

Yahoo Search 101

Description: Search better on Yahoo with Yahoo 101.

www.yahoo.com

Yahoo My Web 2.0

Description: Yahoo's social search engine.

www.yahoomyweb.com

Yahoo Shortcuts

Description: Learn how to make Yahoo work faster and more efficiently with Yahoo search shortcuts.

www.yahooshortcuts.com

Yahoo Site Submission

Description: Learn the basics of submitting your site to Yahoo.

www.yahoositesub.com

Yahoo Special Properties

Description: There are many special Yahoo properties that are not part of its searchable subject index and search engine listings.

www.yahoospecialpro.com

YubNub.org

Description: A search engine and directory shortcut generator.

www.yubnub.org

Yahooligans

Description: My review of Yahooligans, a fun kids search engine and directory.

www.yahooligans.com

Yahoo Reference

Description: Find out what Yahoo! has to offer in the reference section.

www.yahooreference.com

Yahoo Bulk Submit

Description: Yahoo's new Bulk Submit option is up.

www.yahoobulksub.com

Yahoo Local

Description: Yahoo has made some great strides in their Local Search and I believe it's one of the best out there.

www.yahoolocal.com

Yahoo Cheat Sheet

Description: Here are the top Yahoo Search Shortcuts that will make your Yahoo search experience fast, fun, and ultimately efficient.

www.yahoocheatsheet.com

Z*Zabasearch.com*

Description: Find people with Zabasearch.com, a free people search engine. You can search by what is available in the public domain for free public access. A Zabasearch Blog In The Works?: This controversial search engine is stirring the pot with blogs attached to individual names.

www.zabasearch.com

Zaplms.com

Description: Learn more about Zaplms, a great meta search engine that delivers fast, relevant results with plenty of extra search features, such as Quick View, results snapshot, and advanced relevance filtering.

www.zaplms.com

ZoomInfo

Description: Read about ZoomInfo, a people search engine.

www.zoominfo.com

META SEARCH ENGINE*Blowsearch –Meta Search Engine Click Fraud Interview*

Description: Read my interview with Blow search partner Marcelo Fuenzalida, and hear how Blow search is planning on dealing with click fraud on Meta Search engine.

www.blowsearch.com

Clusty

Description: Learn about Clusty, a met search engine with lots of interesting features, including a blogosphere met search option, customization tabs, and of course, clustering.

www.clusty.com

Dogpile

Description: Dogpile, a met search engine, is a great way to compare and compile results from many different search engines and directories at the same time.

www.dogpile.com

Ithaki for Kids

Description: Ithaki for Kids is a kid-friendly, safe search, Meta search engine.

www.ithaki.com

Ithaki for Teenager-Meta Search Engine

Description: Ithaki for Teenager is a user-friendly, safe search, meta search engine.

www.ithakiteenager.com

Ixquick, a Metasearch Engine

Description: Read my profile of Ixquick, a solid metasearch engine.

www.ixquick.com

Kartoo.com

Description: Kartoo is a visual meta search engine, "with visual display interfaces."

www.kartoo.com

Metacrawlers and Metasearch Engines

Description: Metacrawlers and metasearch engines look at the web's various search engines with just one query.

www.metacrawler.com

MrSapo.com

Description: MrSapo.com is a search engine meta-interface that allows the user to search many different search engines all at the same place.

www.mrsapo.com

MyStanky.com

Description: Read my interview with Steve Stankiewicz, creator of MyStanky.com, a metasearch engine that is virtually a one-man show.

www.mystanky.com

Mamma.com, a Meta Search Engine

Description: Mamma.com is a good, solid meta search engine that provides fast and relevant results and excellent advanced search options. Read my profile of Mamma.com, a meta search engine with lots to offer the serious meta search user.

www.mamma.com

Search.com

Description: Excellent meta search engine put together by CNET.com.

www.search.com

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www.turbo10.com

Torrent Typhoon, a Bit Torrent Metasearch Engine

Description: Read about Torrent Typhoon, a BitTorrent metasearch engine.

www.toorrenttyphoon.com

Technorati, a Blog Search Engine

Description: Read about Technorati, a search engine dedicated to the blogosphere.

www.technorati.com

Zapmeta.com

Description: Learn more about ZapMeta, a great meta search engine that delivers fast, relevant results with plenty of extra search features, such as Quick View, results snapshot, and advanced relevance filtering.

www.zapmeta.com

AUDIO & VIDEO SEARCH ENGINE*Audio and Video Search Engines*

Description: Find music and videos with these specialized search engines.

www.audiovideo.com

Audio Search Engines and Directories

Description: Find out how to find audio content on the Web, and what technical requirements you'll need to listen to these files.

www.ausedir.com

Audiolicious

Description: Turn Any RSS Feed Into A Podcast With Audiolicious.

www.audiolicious.com

Blinkx

Description: Read my profile of Blinkx TV, a search engine that allows you to search the Web for video and audio clips.

www.blinkx.com

EventJAR.com

Description: Use EventJAR.com to find a cultural or entertainment event near you, including festivals, museum exhibitions, and more

www.eventjar.com

FindSounds.com

Description: FindSounds.com is a dedicated sounds search engine. You can search for sound effects, movie sounds, animal sounds, nature sounds, and much more.

www.finsoun.com

Hindi audio lyrics.com

Description: Hindaudiolyrics.com is a dedicated sounds search engine. You can search for hind songs effects, movie songs, and much more

www.hinaudlyr.com

The Internet Movie Database

Description: Largest movie database and movie search engine on the Web.

www.intmovdata.com

Top Ten Lyric Search Engines

Description: Searching for lyrics to a song can be a daunting task, but not with these Top Ten Lyric Search Engines. Find a song lyric, do a song search by lyric, and more.

www.topleyricsearch.com

Top Ten AV Search Engines

Description: Searching for audio and video song can be a daunting task, but not with these Top Ten av Search Engines. Find a song lyric, do a song search by lyric, and more.

www.avser.com

SingingFish

Description: Whether you're looking for Maria Callas's arias, Sponge Bob cartoons, or the latest from NPR's Brian Naylor, SingingFish will help you with its dedicated multimedia search service.

www.singingfish.com

TVGenius.com

Description: A UK TV show search engine.

www.tvgenius.com

Video Search Engines and Directories

Description: Find what you're looking for with these specialized video search engines and directories.

www.videosearch.com

Video Search Engines

Description: Find what you're looking for with these special films video search engines.

www.vidser.com

Video and Audio Search Engines

Description: Find music and videos with these specialized search engines.

www.videoaudio.com

JOB SEARCH ENGINE*Best jobs*

Description: Here's my picks for the best jobs search engines on the Web.

www.bestjob.com

ClickAJob

Description: A UK-based job search engine.

www.clickajob.com

Indeed.com

Description: Need to find a job? You might want to check out my profile of Indeed.com, a vertical search engine that returns results from hundreds of

job boards, companies, newspapers, niche sites, and more.

www.Indeed.com

Job Search Engines

Description: Here's my picks for the top ten job search engines on the Web.

www.jobsearch.com

LinkedIn.com

Description: Brief profile of LinkedIn.com, a job search engine.

www.Linkedin.com

Maximum job.com

Description: Need to find a job? You might want to check out my profile of Maxijob.com, a vertical search engine that returns results from hundreds of job boards, companies, newspapers, niche sites, and more.

www.Maxijob.com

new gen jobs

Description: A UAE-based job search engine.

www.newgenjob.com

SHOPPING SEARCH ENGINE*Best Shopping Search Engines*

Description: Your source for the best shopping search engines on the Web.

www.bestshop.com

Become.com

Description: Brief profile of Become.com, a specialized shopping search engine.

www.become.com

China and Search Engines

Description: Brief blurb about the growth of China's search market.

www.china.com

Consumer-generated Content

Description: Search Engine Strategies Recap: Vox Populi: Understanding the Role of Consumer Generated Content.

www.consumergencon.com

Clipfire

Description: Clipfire is a community shopping search engine, much like Digg.

www.clipfire.com

Expedia, a Travel Search Engine

Description: Expedia is a comparison shopping travel search engine.

www.expedia.com

FatLens.com

Description: Read about FatLens.com, an excellent shopping search engine that also allows you to search for event tickets.

www.fatlens.com

GoDefy.com

Description: Read about GoDefy.com, a small but specialized vertical shopping search engine that focuses only on search marketing and search engine optimization products, information, and software.

www.godefey.com

Kelkoo.com

Description: Here's a profile of Kelkoo.com, a comparison shopping search engine based in Europe that is headquartered in Europe and owned by Yahoo.com.

www.kelkoo.com

Kelkoo integrates Sight'Up artificial intelligence in its search system

Description: Kelkoo, one of the largest shopping search engines in Europe and owned by Yahoo,

recently integrated artificial intelligence technology in its database search system for faster and more efficient operating. Read this press release for more information.

www.kelkoointegrates.com

OnePal.com

Description: Brief profile of this shopping search engine.

www.onepal.com

Pay Per Click Advertising

Description: From Dan Skeen, Director of Search Engine Marketing at Quarry Communications, an excellent article on managing your pay per click advertising campaign.

www.payperclickadv.com

Shopping Search Engines

Description: Read my reviews of some of the best shopping search engines out there.

www.spopping.com

References

For collection of Introduction and Background Information about Search Engine, I had refereed *Intranet and Computer and networking related journals*.

1. <http://www.alltheweb.com>
2. <http://www.worldwidewebsearchengine.com>
3. <http://www.searchengine.com>

