

Experiment Two

Participant id: Wei-I, Hsu

Participant first, last name: Wei-I Hsu

Block: Magenta

Please direct your browser to http://www.xemplar.org/search/index_new.jsp

In the end of this experiment, please write your comments below this line

Compare to "Advanced Search Engine"
Baseline Search returns better
results.

Task

Create an application that loads and parses HTML documents and creates a DOM tree. The application should traverse the tree, retrieving the values of the HTML attributes and elements en route. In addition, the application should enable users to create and modify HTML documents by changing the DOM tree directly.

Results

Please specify what keywords you used in your query:

load Parse HTML DOM

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3(mostly relevant), 2(most irrelevant), 1(compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	Shani Xml Parser	4.	good source
2	WebStencil	4.	A framework for developing web Apps.
3	ItsNat, Natural AJAX Java Web Framework	2	Has DOM Functions no HTML creation/modification (maybe in Java Script lib)
4	CyberNeko HTML Parser	4	good source

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Task

Find an application that uses JavaBeans which uses the bound indexed property to determine property change in this application bean. The application should display some text in its GUI.

Results

Please specify what keywords you used in your query:

JavaBean bound Indexed Property

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3(mostly relevant), 2(most irrelevant), 1(compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	Nave/JavaBean Introspection Tools	4.	Found the classes we need.
2	Swing Property Binding	1.	No source files
3	BeanMaker	2	is an application to construct JavaBean
4	News Fighter	3.	Has indexed Property Methods, APIs
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Task

Implement an application that performs pattern matching operations on a character sequences in the input text files. The application should support iterating through the found sequences that match the pattern. In addition, the application should support replacing every subsequence of the input sequence that matches the pattern with the given replacement string.

Results

Please specify what keywords you used in your query:

String Pattern Match text file

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3(mostly relevant), 2(most irrelevant), 1(compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	JCamed	3	(Big source file 15.3 MB) One method has relevant functions
2	Pattern Sandbox	1	No source file
3	Dementor	1	No related class found.
4	MindTree Insight	2	Not very useful.

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Task

Implement a library similar to a synthesizer that supports generating sounds. These synthesizers should support different transmitters (i.e., sends midi events) and receivers (i.e., receives midi events and interprets them).

Results

Please specify what keywords you used in your query:

Synthesizer generate sound transmitter midi receive

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3(mostly relevant), 2(most irrelevant), 1(compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	Rasmus DSP	3	Has synthesizers and some related functions
2	Tritonus	3	Some Midi functions and synthesizers.
3	Fluid GUI	2	Only for FluidSynth
4	Java Sound Resources	4.	Good Resources

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Task

Implement a library for handling security permissions in a database. The library should support creation of permissions, retrieval and checking permissions by clients, setting system-wide security permissions, retrieval of security permissions with the specified key, adding and removing providers and clients for various permissions.

Results

Please specify what keywords you used in your query:

Security permission Database setting

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3(mostly relevant), 2(most irrelevant), 1(compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	Novo code Tool kit	2	not database related .API
2	jsh	2	(same as above)
3	JFE Unit 2	2	()
4	profileX	1	no source file

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Task

Implement a library for managing concurrent access to hash maps (i.e., the hash maps data structures should be simultaneously accessible by multiple client threads). The concurrent hash table map or table should support regular operations such as clear, contains, put, remove, replace, size, etc.

Results

Please specify what keywords you used in your query:

Concurrent access hash map

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3 (mostly relevant), 2 (most irrelevant), 1 (compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	Quick Base (Wuala Persistent Map)	4.	Looks like it has all.
2	X: Forge	3.	Using Hash Map < > API.
3	LT4eL	3	Using Hash Map < > API
4	epoline PHOENIX	1.	No source code

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Experiment Three

Participant id: Wei-I. Hsu

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Block: Magenta

Please direct your browser to <http://sourceforge.net/>

Login name: xemplar

Password: exemplar2009

In the end of this experiment, please write your comments below this line

General keywords not response well

Task

Find applications that use glyph painting facilities to enable users to deal with a range of viewing options. The goal is to reuse found applications to create visual presentation of texts and fonts, some of which are foreign.

Results

Please specify what keywords you used in your query:

glyph painting

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3 (mostly relevant), 2 (most irrelevant), 1 (compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	DoubleType	4	This application can do what are required
2	Yatey	4	Just a multi-map editor for title based games
3	Image restoration and Inpainting	4	image Processor
4	Dymnd	4	Collaborative network painting application

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Task

Create a lightweight virtual machine that supports data transfers using clipboard. Data transfer feature of this machine can be implemented with the help of sun GUI support.

Results

Please specify what keywords you used in your query:

Data transfer clipboard virtual machine

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3 (mostly relevant), 2 (most irrelevant), 1 (compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	PastePro	4	network Tool, that that allows transfer data from one system to Another (not GUI support)
2	Clipboard Share	3	Share clipboard between machines. (not GUI)
3	Clipboard DB	1	Copy Data from Excel to Database
4	Jclip Share	4	Has Complete Source code

GUI support)

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Task

Parse a Java source file and output the abstract syntax tree (AST). Allow the user to traverse and modify the AST with a graphical interface.

Results

Please specify what keywords you used in your query:

Parse Java output Abstract syntax tree

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3(mostly relevant), 2(most irrelevant), 1(compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	JavaSet	3	No GUI
2	ast parser	3	No GUI
3	BNF for Java	2	BNF Parser
4	ASTcentric	4	^{the} has all function can be an Eclipse plugin

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Task

Create a GUI application that shows data in dynamically modifiable tables that have scrollbars. These scrollbars can change their orientations in tables based on the number of rows and columns.

Results

Please specify what keywords you used in your query:

Table with scrollbars

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3(mostly relevant), 2(most irrelevant), 1(compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	Colour Chooser	3	for color only
2	Smart Table	2	Core system is in 'C'
3	DSJ Periodic Table	1	not what we are looking for
4	Text Table Formatter	3	is a text table Table not a GUI

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Task

Implement a library for checking XPath expressions. The checker should support compiling XPath expressions, evaluating XPath expressions in the context of the specified XML document and returning the results as the specified type.

Results

Please specify what keywords you used in your query:

XPath

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3(mostly relevant), 2(most irrelevant), 1(compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	XPath Explorer	4	Has all the functions
2	Simple XPath Parser API	4.	This is library we need
3	Mini-XPath processor for J2ME	2	This is for J2me
4	XML documents from XPath and its data	3	has the code can help

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Task

Implement a simple drag and drop manager. The manager should specify when and how a drag gesture may occur and implement a set of handlers that shall be invoked in order to cause processing of the user's navigational gestures. The manager should also define and implement drag and drop protocol notifications. The drag and drop manager shall permit only one drag and drop operation at a time and shall reject any further drag and drop requests until the extant operation is complete.

Results

Please specify what keywords you used in your query:

drag and drop manager

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3(mostly relevant), 2(most irrelevant), 1(compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	<i>perahuru</i>	<i>4</i>	<i>is a exam manager application</i>
2	<i>EasyLayout Layout Manager 4 for Java</i>	<i>4</i>	<i>..... without need of fancy drag and drop form painters</i>
3	<i>Drag and drop install development system</i>	<i>2.</i>	<i>Can not find handlers</i>

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Task

Create a power status monitor that retrieves and reports external vs internal power status data, sits in system tray and change color based on status, and offer options to automatically start on system boot.

Results

Please specify what keywords you used in your query:

Power status monitor auto start on system boot

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3 (mostly relevant), 2 (most irrelevant), 1 (compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	Blue Oxygen Kukuruyu	1	Farm Management System
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Experiment One

Participant id: Wei-I. Hsu

Participant first, last name: Wei-I Hsu

Block: **Magenta**

Please direct your browser to http://www.xemplar.org/search/index_adv.jsp

In the end of this experiment, please write your comments below this line

Task

Create an application for sharing, viewing, and exploring large data sets that are encoded using MIME. The data sets may represent blogs or genome sequences. The data can be stored using key value pairs. The application should support retrieving data items by mapping keys to values.

Results

Please specify what keywords you used in your query:

MIME .blog genom key value pair retrieve

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3(mostly relevant), 2(most irrelevant), 1(compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	Token Pair TFIDF	1	No source download.
2	Satellite WebApp	3	Two mostly relevant files found.
3	The planet Earth Project	1	No source code found.
4	Wings	3	3 files found relevant API But repeat twice on the list.

5	xBns	3	Search result return two files (duplicated result twice)
6	JZEE for all	2	found two APIs
7	dcm4che a DICOM Implementation in JAVA	3	Only 2 APIs Many files found
8	GENOM	1	No source file
9	Extended Root Tree	2	Has key value pair functions No MIME related function
10	CSRTol	4	A graphical tool to generate RSA and ECDSA cryptographic key-pairs

Task

Implement a library to support an affine transformation between vector spaces (i.e., affine vector spaces) using linear transformations (rotation, scaling or shear) and translations (shift).

Results

Please specify what keywords you used in your query:

~~library~~ Affine transformation, linear transformation, translation, affine vector spaces

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3 (mostly relevant), 2 (most irrelevant), 1 (compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	Java Cardia Pulmonary Simulation	4	Has all linear transformation and translation functions no vector spaces
2	The Jump Pilot Project	4	Provides all functions -
3	Geo Server	3	Not for library purpose
4	Open SVG View	4	

5	jMapEdit	2	only use related API once.
6	Transformation Toolbox	1	No source Code
7	WSMZ Reasoner	2	source file too big (15.1M)
8	JAligner	1	is a Csharp program
9	JVclifford	1	No linear Transformation function
10	Global Circle Lesson Builder	2	few linear Transformation

Task

Develop a universal sound and voice system that allows users to talk, record audio, and play MIDI records. Users should be able to open source connections with each other and communicate. A GUI should enable users to save conversations and replay sounds.

Results

Please specify what keywords you used in your query:

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3(mostly relevant), 2(most irrelevant), 1(compl irrelevant)	Your explanation of your ranking (a couple of sentences)
1	Java Sound Player and Recorder	4	GUI for playing and recording was download Problem
2	Rasmus DSP	4.	Good Samples
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