


## Experiment Two

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Participant id: gregory .w. bracey

Participant first, last name:

  
Greg Bracey

Block: Magenta

Please direct your browser to [http://www.xemplar.org/search/index\\_new.jsp](http://www.xemplar.org/search/index_new.jsp)

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

Putting no search criteria results in HTTP500/stack  
Dump  
in results-new.jsp  
null pointer line 413.

Source Forge appears to be fairly unreliable  
for projects to actually contain any files  
(source, binary, etc.)

More-relevant search results seem to  
appear further down the list, and less-  
relevant (and some completely non-relevant)  
results appear at top of search 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:

DOM HTML Parser

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	JTidy	4	Primarily just to check syntax and display
2	It'svat, Natural AJAX Java Web Framework	1	Did not appear to have any appropriate API's or relevance.
3	ShanixmlParser	3	Appears to have HTML DOM parsing code that could be used.
4	Sparta - Lean XML Parser, DOM	2	Appeared to be XML Parsing only. Could maybe be leveraged for HTML

5	LGOL User Group	1	No idea what this is.
6	CyberNeko HTML Parser	3	HTML Parser API's.
7	Java Mozilla Html Parser	2	
8	Jericho HTML Parser	4	Appears to allow for parsing and editing HTML
9	CSS Parser	4	CSS
10	Java Micro XML Parser	4	XML

# 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

JavaBean utility property change

Please specify what keywords you used in your query:

~~property change application bean~~

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	Narel JavaBean IntrospectioTools	?	Only JAR file.
2	Bean Maker	1	Nothing applicable.
3	Record to Value Object ASCII/ JavaBean	1	Nothing applicable
4	Label Change Request	1	Nothing applicable
5	JDate Chooser		

		/	Nothing Useful.
6	Java File Manager	/	" "
7	JeHep	/	" "
8	Comment Code Gen	/	" "
9	epoline?? PHOENIX	/	" "
10	P-Ed - A Property File Editor for Java	/	" "



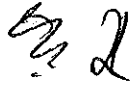
# Task

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: regular expression find replace

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	mic Net Whistler	1	Nothing useful.
2	RegEx Search/ Replace Tool	3	Useful API's. Only JAR file.
3	Recursive Search and Replace	3	1. 1. 1 ...
4	JFind Replace	?	Appears relevant by description. No files in Source Forge, though.

5	Regular Expression Editor	2	Only <del>compiled</del> application.
6	<del>Java Regular Expression Editor</del>		
7	Java Regular Expression Compiler	 /	Not sure what this does or if relevant/useful. Description is poor.
8	Find Class	 2	<del>Only compiled application</del> Some RegEx to use.
9	JSearchRE - the Regex Search and Repla	?	errors downloading from Source Forge
10	Regular Expression web replicator	?	No files on Source Forge

Regular Expression Package for J2ME

?

No files on Source Forge



# 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: Sound creator generator midi

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	Tritonus	3	Some use ful API's Sound and MIDI related.
2	MIDI score creator	?	No files on Source Forge
3	Randy Loops	2	Some sound synthesizing code and API's
4	DataEntry Creator	1	Nothing to do with Sound or MIDI.

5	Midi Improvisor	?	No files on Source Forge
6	Tux Guitar	2	Some MIDI and Synthesizer code, but mostly reading tablature
7	Sound Grid	2	Not relevant
8	Dark Heresy Character Creator	1	Nothing at all to do with sound / MIDI. Also, no files on Source Forge
9	Midi QuickFix	<del>1</del> 2	Some useful code, but does not appear very relevant based on API's shown.
10	DGuitar: a Guitar Pro viewer player	4	Many API's that deal with MIDI / Synthesizer

## Experiment Three

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Participant id: gregory - w. bracey

Participant first, last name: Greg Bracey

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

The Exemplar search is handy for finding the API's quickly. Longer to do on SourceForge and get quite a few security warnings on sourceforge from the browser (slows down searching).

Source Forge gets very slow.

Again, many SourceForge projects with no files or archives (tar, zip) that produced errors when trying to extract/uncompress.



# 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 font text  
generator

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	Double Type	2	Could not find much useful. Lots of files to look through.
2	Opcion Font Viewer	1	Not applicable. errors trying to open archive of source file
3	re typer image to ASCII Converter	1	difficult to tell if was useful or not.
4	Font Viewer	?	error trying to open archive to view source files

5	Font Sender	1	
6	Mobile Bitmap Fonts	?	?
7	RImageGen: Random Text Image Generator	1	
8	Image Server	1	
9	TFTP Web TEST	1	
10	Infinite Planes of Reality	1	

# Experiment One

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Participant id: Gregory gregory.w.bracey

Participant first, last name: Bracey

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Had some trouble using SourceForge. The Ads attempted to have Adobe Flash Player install browser components. Sometimes, site slow to respond sometimes. Projects with no source or documentation.

Somewhat Uncomfortable relying on open-source code for client projects. No support or ~~any~~ confidence that code is reliable / not malicious.

Would be nice to limit results to particular technology (JSP, EJB, ~~Java~~ database, etc.) or be able to save searches.





# 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 data sets~~

mime decode data set key value map

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3 (mostly relevant), 2 (most irrelevant), 1 (completely irrelevant)	Your explanation of your ranking (a couple of sentences)
1	Waba for Dos	1	Description appears to be completely unrelated.
2	Extended Root Tree	?	Could not determine from description and code exactly what this would do.
3	Hierarchical Map	?	could not determine.
4	Web Map Service for NetCDF data	4	Description appears unrelated. Description is mostly acronyms that are not familiar to me.

5	Barracuda MVC Presentation Framework	4	Appears to be MVC Framework.
6	Jpox Mail Server	2	Looks like may have some MIME encoding/decoding, but mostly not relevant.
7	CDox	4	Code to create CD documents and booklets
8	Jivan Web HTML Presentation Tech	<del>9</del> / <del>10</del>	<del>They have</del>
9	teamwork	1	Appears unrelated
10	D:B	3	Has data storage with key/value pairs. Very little support/help/ documentation to know more.

# 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: *affine transform vector*

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>SwingStates</i>	<i>4</i>	<i>Appears to have API's to perform Affine Transform.</i>
2	<i>AT HotDraw</i>	<i>4</i>	<i>Appears to have transform API's</i>
3	<i>Geotag</i>	<i>4</i>	<i>" " "</i>
4	<i>TerraJ</i>	<i>1</i>	<i>Appears unrelated from description and API's</i>

5	Cutting Problem	4	Contains Transform API's
6	Procedural Cartoon Animation	4	" "
7	JKiwi	4	" "
8	IDEM	3	Has fewer API's for Affine Transform
9	Transform SWF	1	Appears unrelated. No API's that appear appropriate
10	The Hopefully Uncomprehensible Shell	4	Appears to have API's for transform

# 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:

~~Record~~ audio midi  
~~voice peer~~ secure p2p

Project number	Project title	Your relevancy ranking, one of: 4 (highly relevant), 3 (mostly relevant), 2 (most irrelevant), 1 (completely irrelevant)	Your explanation of your ranking (a couple of sentences)
1	RasmusDSP	2	For generating sounds. No recording capability.
2	Audio Development System	2	Appears relevant from description, but API's and code are not relevant.
3	Secure P2P Framework	2	No source. Only JAR. Difficult to determine relevance, but could be useful.
4	scurep2p	?	Could not determine. Found no files on Source Forge.

5	Music and Audio Retrieval Tools	1	Appears to be for searching audio files. Could not open the source - got errors / could not
6	Java Secured Audio Transmission	2	May have some API to leverage <del>it</del> <sup>uncomp.</sup>
7	Alliance P2P	2	Only JAR File.
8	The PROTUX Digital Media Workstation	?	No files.
9	RPitch	3	
10	QARE Secure Peer Services Platform (P2P)	4	