

Experiment Two

Participant id: Tim. Crary

Participant first, last name: Timothy Crary

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

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 create DOM tree modify element*

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>ICC Protocol Reference</i>	<i>4</i>	<i>Contains the Apache Xerces HTML versions of parsers for HTML & DOM which would allow you to manipulate objects as needed.</i>
2	<i>Its Nat, Natural AJAX Java web</i>	<i>4</i>	<i>Code contains, to be methods to create HTML, not parse, create a DOM tree, or anything else needed.</i>
3	<i>OLK</i>	<i>1</i>	<i>Same as above</i> [↑] same
4	<i>Jivan Web HTML presen Tech</i>	<i>3-4</i>	<i>Contains a lot of code snippets to parse HTML → DOM & to be manipulate elements, However more research is needed to determine if the code snippets are 100% usable because they have some project specific modifications.</i>

5	Shari ^{xul} Parser	3-4	^{code to} contains not at create & traverse DOM trees (created from HTML) & to manipulate them. Doesn't validate the HTML Input, so that may be something we have to add
6	WebStorak	1	only contains executable jar file & no code snippets.
7	DISK Dom	2	Contains some code to manipulate DOM objects, but doesn't really do at most of what the task needs.
8	computation tree	1	no application files
9	map wizard	1	^{code} file in source files only contain classes to draw draw geometric shapes in HTML for creating image maps.
10	http unit	3-4	uses Iivan Web tech code for its implementation of parsing & manipulating DOM objects.

go to task #4 (MIDI sounds)

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:

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)
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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:

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)
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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:

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	Triton ds	3	Not 100% positive this actually generates sounds by itself or interprets them by reading in a MIDI file. Does look like it would support Xmit and receive.
2	Lux Guitar	4	Contains code to support Xmit & receive messages (events) & can read in files or generate files sounds.
3	Java Sound Resources	3	Contains some code to generate sounds & I believe it could be used to transmit & send. There There are also examples for source code to use to show how to use the functionality.
4	Midi Improviser	1	No application files

5	Midi Quick Fix	2	Does contain some snippets for MIDI events, however however however however, they are more specific to the application, but there may be some examples they could be used to add features.
6	Sound grid	1	contains only executable jar file.
7	Audio Development System	2 4	contains a lot of code on how how to handle MIDI events (maybe more than needed). Also contains code to generate sounds
8	DGuitar	4	contains code to generate sounds & handle events a range of events.
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Experiment Three

Participant id:

tim. crary

Participant first, last name:

tim Crary

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

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*

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	3	contains code to allow users to draw a glyph and import it to a font. However only allows to export export it as TrueType font.
2	Glype Edit	2	contains some code to draw glyphs, but could not find code to transform it to a font.
3	Glyph study open source projects	2	Not Not completely sure if any of the source code is usable. It sounds like it could have some usable code from the app description, but I could not find it.
4	code painter	1	contains an executable jar file only.

Not sure if this would fit for texts. Unless doing one char at a time (is ok)

5	TTFEdit	2-3	It Does contain code for editing glyphs. Can't tell if it contains code for a wide-range of viewing options.
6	Jarvis	1	contains executable jar only
7	Mayan	1	no files
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Task 10 *go to task #3*

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:

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)
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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: *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	Javast	2-3	Does contain code to parse a source file & output to AST. However there does not appear to be any code to allow traversal or modification via graphical interface.
2	Ast parser	1	No files
3	Ast Compiler	2-3	same as Javast
4	AST Reproder	1	only executable executable jar files

5	Tree Editor or Javac	1	No files
6	FAST SBK	1	No files
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go to task #6

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:

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)
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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:

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)
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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 +drop

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>drag's drop install development system</i>	<i>/</i>	
2	<i>PDF Forms Designer</i>	<i>/</i>	
3	<i>Logo Plan</i>	<i>/</i>	

4	spatialization of sound	2	There are some possible code snippets for drag & drop in a GUI, but not sure if they are truly usable.
5	MM File Utility	3	Has some a lot of code to drag & drop, but not absolutely positive it contains everything we need.
6	Java Resource Finder	1	only executable jar.
7	Pollo	1	when trying to open the sourcecode file, jefan error saying Invalid Archive Directory.
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could not retrieve any usable results using

Task

any combination
(power, monitor, status, ~~external~~,
internal)

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:

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)
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Experiment One

Participant id: *Tim. Crary*

Participant first, last name: *Tim Crary*

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

- no 'previous' or 'back' link.
- is there a wildcard search? especially for multiple terms of words.
- is there a logic word search such as a OR b, c NOT d..?
- links to projects were

on one attempt of 'mime map genome sharing viewing' got an exception report in both Firefox & IE says 'you have an error in your SQL'

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 genome 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	Praxiteles	1	only contained an executable jar file
2	Geneva Genome Browse	1	No project files shown
3	Mime Magiz	2	possibly some snippets of code for MIME viewing.
4	Celera Genome Browse	1	only contained an executable jar file so no readable code

5	Mime Type Detection Utility	2	contains some snippets of API calls for MIME functionality. Uses jMagicMime as well.
6	multimedia blog	1	No application files
7	Blog backup	1	No application files
8	China Blog	1	No application files
9	Genome Data visualization Toolkit	1	contains only executable jar file with no readable code
10	Mime-Dir + VCard Java API	2	may be some API code snippets for MIME

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 ^{one word}

Please specify what keywords you used in your query: Affine Transform, linear translation, vector spaces, library, rotation, scaling, shift

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	JUMP project	4	contains many code snippets especially in Affine Transformation, java that accomplish the above.
2	Geo Sewer	2	Not much to reuse for Affine Transforms
3	Java Cardio Pulmonary Sim.	3-4	Contains a class class called P Affine Transform that is a child class of Affine Transform & adds other methods that would probably be useful
4	open svg viewer	4	contains Affine Transformation, java similar to others.

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