

Experiment Two

Participant id:

Participant first, last name: PAUL MOSIER

Block: Yellow

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

Login name: xemplar

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

1. AWKWARD SYSTEM
2. HAVE TO DIG DEEP TO FIND USABLE CODE.
3. NOT INTUITIVE AT ALL.
4. OFTEN GAVE NO FILES WHEN "VIEW ALL FILES" WAS SHOWN.
5. LOCKED COMPUTER UP ONCE.

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: HTML PARSE DOM TRAVERSE

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	SHANIXML PARSER	3	SEVERAL GOOD SNIPPETS THAT WOULD REQUIRE LITTLE ALTERING
2	JTIDY	2	DOZENS OF FILES WITH ONLY A COUPLE OF RELEVANT SNIPPETS.
3	HTML PARSER	3	SEVERA SNIPPETS THAT SEEM TO BE USABLE WITH REVISION
4	JOLENE	1	NOTHING USABLE IN CODE

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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:

BOUND INDEX JAVABEAN GUI

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	PROPERTY MAPPER	2	LITTLE TO NO USABLE CODE
2	ECLIPSE PROPERTY FILE GUI EDITOR PLUGIN	1	NO USABLE CODE
3	MEDIA LIBRARY	1	NO USABLE CODE
4	RENDER INPUT FORMATS AS SVG TREES	2	LITTLE CODE THAT MIGHT BE USABLE WITH REWORK
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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:

PATTERN MATCHING CHARACTER SEQUENCES REPLACEMENT

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	ELITE	3	SEVERAL USABLE SNIPPETS THAT WOULD REQUIRE LITTLE CHANGE.
2	GXPARSE: XML	2	A FEW USABLE SNIPPETS THAT REQUIRE MULTI-CHANGES
3	XML- EZPARSE	1	NO USABLE CODE THAT I CAN SEE.
4	DESKTOP SEARCH	1	NO USABLE CODE THAT I CAN SEE.

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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:

LIBRARY SYNTHESIZE MIDI TRANSMITTERS RECEIVERS

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	GERVIL RASMOUS DSP	3	DOZENS OF FILES. SOME HAVE SNIPPETS THAT WOULD BE REUSABLE, BUT YOU WOULD HAVE TO LOOK AT LOTS OF CODE TO FIND USEFUL NUGGETS
2	SOFTWARE FOR INFRARED DATA COMMUNICATION	1	NO FILES FOUND
3	JDX7	4	USABLE CODE TO ACHIEVE JUST WHAT YOU WANT, OR SO IT SEEMS
4	EZ MUSIC COMPOSER JAVA APPLET	2	A LITTLE BIT OF USABLE CODE BUT A LOT TO DIG THROUGH TO FIND THE GOOD CODE.

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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 PERMISSIONS LIBRARY CREATION REMOVAL

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	SECURITY GENERIC FRAMEWORK	1	NO CODE FOUND
2	ENTITLEMENTS LIBRARY	4	MANY SNIPPETS THAT APPEAR TO BE HIGHLY REUSEABLE
3	JDB LIB	2	ONLY A FEW USABLE SNIPPETS. LOTS OF CODE TO DIG THROUGH TO FIND.
4	JAVA SECURITY IMAGE GENERATOR/CAPTEKA	3	SEVERAL USABLE SNIPPETS THAT WOULD REQUIRE LITTLE TAILORING.

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Experiment Three

Participant id:

Participant first, last name: PAUL MOSIER

Block: Yellow

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

1. IN SOME CASES IT IS REPETITIVE — GIVING MULTIPLE INSTANCES OF THE SAME CODE & LINE NUMBER
2. EXEMPLAR SEEMS MUCH MORE INTUITIVE & EASIER TO USE THAN SOURCEFORGE
3. AGAIN, PUTTING KEYWORDS ON RESULT PAGE WOULD BE HELPFUL.

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, FOREIGN, TEXT, FONTS

	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)
ONLY FILE FOUND	1	WABA FOR DOS	4	APPEARS TO HAVE SEVERAL FILES DIRECTLY USABLE WITH LITTLE MODIFICATION
GLYPH PAINTING ONLY	2	DRAWSWF	4	APPEARS TO HAVE NUMEROUS FILES DIRECTLY USABLE WITH LITTLE MODIFICATION
	3	BIOGEO TOOLS	4	APPEARS TO HAVE NUMEROUS FILES DIRECTLY USABLE WITH LITTLE MODIFICATION
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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:

VIRTUAL MACHINE, DATA, CLIPBOARD

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	REX WAREHOUSE EXPLORER	4	MANY SNIPPETS THAT APPEAR TO BE HIGHLY REUSABLE
2	ESSENCE JAVA FRAMEWORK	4	MANY SNIPPETS THAT APPEAR TO BE HIGHLY REUSABLE
3	TREEHOUSE GNUMELLA2 PROJECT	3	SOME SMALL REUSABLE SNIPPETS
4	JDE USAGES	2	NO LINE BREAKS IN CODE IN NOTEPAD. LINE #1'S IRRELEVANT

5	JELHO	1	NO FILE NAMES
6	INTERNAL CHAT (INTCHAT)	4	MANY REUSABLE CODE SNIPPETS,
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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:

SYNTAX TREE, GUI, AST

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	JMIGRATOR- PLUGIN	4	MANY SNIPPETS THAT APPEAR TO BE REUSABLE.
2	TEA TROVE	3	SOME SNIPPETS THAT APPEAR TO NEED MINOR MODIFICATION
3	TASK INFORMATION MANAGER	4	MANY SNIPPETS THAT APPEAR TO BE REUSABLE
4	JASMINEIDE	3	NO PAGE BREAKS IN NOTEPAD. SEEMS TO HAVE RELEVANCE.

5	JAVA TRAIT LANGUAGE	4	MANY SNIPPETS THAT APPEAR PERTINENT & REUSABLE.
6	X10	4	MANY SNIPPETS THAT APPEAR PERTINENT & REUSABLE
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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: GUI, MODIFIABLE TABLES, SCROLLBARS ORIENTATION

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	TABLEDIFF	2	A FEW SNIPPETS THAT ARE RELEVANT & REUSABLE
2	SUNNYCHAT	3	SEVERA SNIPPETS THAT ARE RELEVANT & REUSABLE.
3	PLEXONG	2	A FEW SNIPPETS THAT ARE RELEVANT & REUSABLE
4	ORENETA	4	MANY SNIPPETS THAT ARE RELEVANT & REUSABLE

5	CGTUTORIAL	2	ONLY 2 SNIPPETS THAT ARE RELEVANT.
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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)
1	XML CHECKER	1	NO CODE AVAILABLE THROUGH SOURCEFORGE
2	JAVA CODE META CHECKER	1	NO CODE AVAILABLE THROUGH SOURCEFORGE
3	XCARCROWS 4 XML	3	SEVERAL SNIPPETS THAT ARE RELEVANT & REUSABLE
4	XPATH EXECUTOR	3	SEVERAL SNIPPETS THAT ARE RELEVANT & REUSABLE

5	DEEPAGE	4	SEVERAL DOZEN SNIPPETS THAT ARE RELEVANT & REUSABLE
6	RECODEA	4	2 DOZEN+ SNIPPETS THAT ARE RELEVANT & REUSABLE
7	REPRAP PROJECT	3	SEVERAL SNIPPETS THAT ARE RELEVANT & REUSABLE
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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:

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	WABA FOR Dos	4	SEVERAL DOZEN SNIPPETS THAT ARE RELEVANT & REUSABLE
2	JXMLEditor	3	SEVERAL SNIPPETS THAT ARE RELEVANT & REUSABLE
3	GJAR INTERNATIONAL	2	ONLY A FEW SNIPPETS THAT ARE RELEVANT

4	XFlows	3	SEVERAL SNIPPETS THAT ARE RELEVANT.
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Experiment Three

Participant id: 100 23314

Participant first, last name:

Lisa Obrendach

Block: **Green**

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

Rankings based on verbal description
mostly
because I feel my analysis of the
code is, unfortunately, useless.

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	Kieft 6 on Painting	1	No source code
2	Waba for DOS	1	This has shown up ^{appeared} on other searches and is never relevant
3	Dynalym	3	This looks relevant to me - type designer/font editor
4	Paint J	4	You paint with this

5	Joe Pad	4	You paint, not view
6	SandBox Pix	2	Maybe something is useful here, but it wouldn't be my first choice
7	Image restorer and m painting	2	Potentially some helpful pieces
8	DrawSWF	4	Generates animation files
9	McBillart	4	N/A
10	Bo Geo tool	4	N/A

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:

Virtual Machine clipboard data transfer

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 Wikipedia API	4	N/A
2	jMemonte	4	N/A
3	ClipboardShare	4	matcher task description almost exactly, can't tell how good code is, but it is there
4	jPlatform	4	N/A

5	GreenP VME	1	N/A
6	FScape	4	N/A
7	Jampal MP3 libary	4	N/A
8	FluidGUI	1	N/A
9	CH	2	Possibly a little relevant? I can tell
10	Paste Pro	3	network tool that allows data transfer DES encryption

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:

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	AST Reproder	2	
2	Gecco Game Environment	4	N/A
3	Tree Editor for Java	<u>3</u> 1	Can view, modify, ^{java} save code, but it's wrapped up - no code available
4	AST tutorial	3	

5	Ast-Tutorial	4	N/A
6	25 Graphical User Interface	1	N/A
7	Sim Interface	1	N/A
8	Pd B Editor	1	N/A
9	Snortlet	4	N/A
10	Wqba for D&D	31	N/A

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:

Gui Application data table adjust scroll bar orientation

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 Lik	3	display & browse data
2	Deep Arc	1	code N/A
3	Java App. Framework GUI data	4	N/A
4	GoGui	1	N/A

5	Markov J meter	1	N/A
6	Haplo Vren	4	N/A
7	C Polite Phoenix	4	N/A
8	Gestag	4	N/A
9	jMemon 4	1	N/A
10	Query Form DB Tool	1	N/A

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:

~ I don't fully understand the task

compile and evaluate XPath expression

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 over XML Schema	4 3	evaluates XPath 1.0 expressions over XML Schema
2	Micro XQuery Engine	4	N/A
3	instantT	1	N/A
4	eclipse XPath plugin	3 — 1	sounds good but No source code

5	Miller Net whistle	1	N/A
6	xMC documents from x/ML	3	seems to address task description and code is available
7	lankey	3	Based on description it looks like a GT, but the code doesn't look ^{as thorough as} very good ^{some of the others}
8	xPath executor	3	Based on desc. Ptn, it could be useful
9	Simple XPath parser API	4	Description matches task description
10	mini x path parser	11	