

Experiment Two

Participant id:

Participant first, last name: *Rodrigo Idio*

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: *create modify HTML*
create traverse DOM 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	<i>Swan web HTML Presentation Technology</i>	<i>3</i>	
2	<i>The Jazilla Project</i>	<i>3</i>	
3	<i>Disk DOM</i>	<i>4</i>	
4	<i>JDots, Java Dynamic Object Tree</i>	<i>1</i>	

Software

5	HTML Production for Java	4	
6	ICE Protocol Reference	2	
7	Java code Inspector	4	
8	Build File Designer	1	
9	DTG Repository Definition	4	
10	<u>Eclipse</u> HTML Encoder	1	

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:

Java Beans use 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	Kan Shwa HTML Production for Java	1 4	Spanish language
2	News fighter for Protocol Reference Java Code	1	
3	Re Divine Toolkit	4	
4	Magellan	2	
5			

	Jswat Java Debugger	2	
6	Weka for DOS	2	
7	Sanyami	2	
8	Compile	2	
9	Generic FX	2	
10	Xom - XML based Java	3	

GVI
Environment

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:

*Matching character patterns
and replacing patterns*

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>Waba for Dev</i>	<i>3</i>	
2	<i>Regex - Regular Expressions for Objects</i>	<i>2</i>	
3	<i>OO patterns VNO</i>	<i>4</i>	
4	<i>Pattern Brewery</i>	<i>4</i>	

5	J Patterns Utils	1	
6	Gambo Pattern & Code for 2D/3D	4	
7	J Patterns	1	
8	J Ge Data	2	
9	vbulletin	4	
10	Jtv	2	

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

send midi, receive
midi

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	Rasmus DSP	4	
2	Tritonus	4	
3	Midi Quick Fix	4	
4	Cesar	2	

5	Saiph	2	
6	Randy Loops	4	
7	Audio Development System	4	
8	Tux Guitar	4	
9	PJL Midi Parser	4	
10	Xenodgc Player	2	

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:

*database user security
permissions*

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	<i>Waka for dev</i>	<i>4</i>	
2	<i>Jsh</i>	<i>4</i>	
3	<i>GUM</i>	<i>4</i>	
4	<i>Novocode Toolkit</i>	<i>4</i>	

5	RETE DB	2	
6	Team Elements	4	
7	JFC Unit 2	4	
8	LOS data & database	4	
9	<u>Integrator</u> Security Annotation Framework	2	
10	OPELIX	4	

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 to
hash maps support clear, put, contains*

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	Arcoa Backup	2	
2	GoGCH	2	
3	Quick Fix / J - Open Source Java Fix Engine	2	
4	Query for Database	2	

Tool

5	XBus	2	
6	Smyle	2	
7	LT4eL	2	
8	J Rippler	2	
9	POESIA	2	
10	epolino?? PHOENIX	2	

Task

Load and execute Java threads from a folder containing classes. Load each class and execute it in its own thread. Keep information about the number of threads and how long to completion. Keep a pool of available threads to accommodate user inputted class names.

Results

Please specify what keywords you used in your query:

*load and execute java
Threads*

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>Java Flow Profiler</i>	<i>2</i>	
2	<i>JRemote Run</i>	<i>x</i>	
3	<i>Avrta P2P Tashlet Cluster</i>	<i>4</i>	
4	<i>Unsur Project</i>	<i>4</i>	

5	Parse Thread	1	
6	Immit	3	
7	eMAT gene services	2	
8	Recursive Network Execute	4	
9	Pseudo Remote Thread	1	
10	Jexin	2	

Task

Java Virtual Machine (JVM) monitoring tool that allows users to view options in the virtual machine and to dynamically change options in the JVM.

Results

Please specify what keywords you used in your query:

JVM monitoring ~~tool~~
with dynamic options

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	Static Redefines	3 2	
2	Java Monitoring Tool	1	
3	System Apade Process Monitoring Tool for subprocess	4	
4	Comet Server Network monitoring	4	

5	Control Config + Monitor Tool	4	
6	MAYA in Java	4	
7	Dynamic JNT	1	
8	Itamet	2	
9	JMx40 DP	1	
10	Java Dynamic DNS	1	

Experiment Three

Participant id:

Participant first, last name:

Rodrigo S. Iñigo

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

Source forge - has limited description

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 Glyphs	2	
2	Render		
3	Mr Paint		
4	Java Paint		

5	Pamble Type 2		
6	Chromis XP 1		
7	Metatype 2		
8	Slow Paint 1		
9	Tyfinite Draw. to give 1		
10	Celuph 2		

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:

*vm that supports
data transfers
using 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	AXAX Agis vm project	3	
2	My DBF My SQL	3	
3	Stack	3	
4	Hoc Meeting	1	

5	ZKAT Performance + Monitor Daemon		
6	Clipboard + Share		
7	Extra Clipboard + multiple		
8	Clipboard EPS Based + Photo Logger		
9	Quakes Universal + Virtual. Machine		
10	Regis VM Project 1		

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:

Traverse and Modify
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	Abstract Syntax Tree Generator	+	
2	Abstract Syntax Descriptor Language	+	
3	Abstract Tree Analysis	+	
4	Tree Editor for Java	2	

5	AST Parser	2	
6	Standard Java Language different tool	2	
7	AST Centric	2	
8	JavaST	1	
9	conf acc	2	
10	AST Reproduce	2	

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 display of data
from Database*

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>Wx Postgres</i>	<i>1</i>	
2	<i>FMPP</i>	<i>1</i>	
3	<i>dedict</i>	<i>1</i>	
4	<i>J Data Com</i>	<i>1</i>	

5	Ops DB comp ₁	/	
6	Frag Tweak	2	
7	EXZE LENZ	1	
8	THINi Reports	1	
9	Interac + over	1	
10	Interim Lexicons		
	Grammar mapping	/	

framework

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:

*check, compile, evaluate
XPath expressions*

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>InstantJ</i>	<i>1</i>	
2	<i>XPath over XML Schema</i>	<i>2</i>	
3	<i>Single XPath parser AK1</i>	<i>1</i>	
4	<i>XML documents from XPath + its data</i>	<i>2</i>	

5	<u>Or xml/</u> XSLT C++ Wrapper	1	
6	Tiny Vector + Matrix	1	
7	Librow Xpatm Tools	2	
8	Xm/PL - ReXAL proaming language	1	
9	<u>XML</u> UNIT	1	
10	<u>Groovy</u> Dice	1	

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 re
at a time using Java*

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	J3D Work bench	2	
2	Image App - Java Advanced	2	
3	Image to OGM to AVI / MKV to AVI	2	

4	Spatialization of Sound	1	
5	Loadngo Task	1	
6	Sanavere Java Docking	2	
7	Win 32 Drag + Drop C	2	
8	Library J Graph Diagram	2	
9	Component Java Resource	2	
10	Finder Jar Junkie	2	

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 with
Automatic 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	Ip Change Monitor	1	
2	OverDoze	3	
3	VBox Tool	3	
4	Cluster Netboot Manager	1	

5	ACPI Temperature Monitor Manager	2	
6	Realn Tray A Wow Realn	1	
7	Monitoring tool Windows Power Event Monitor	1	
8	Serial fast boot system	1	
9	Conext UPS Powered	1	
10	Device Tracking System	1	

Task

Implement a library that allows representing and manipulating glyphs as standalone entities as well as vectors of glyphs (note: a glyph is the visual representation of one or more characters). The library should also provide basic functionality for obtaining basic metrics on glyphs, for instance, the distance from the glyph's origin to the origin of the next glyph along the baseline, which can be either vertical or horizontal. The library shall not include any functionality on interpreting the sequences of glyphs it contains. The relationships between adjacent glyphs in a sequence should be solely used to determine the placement of the glyphs in the visual coordinate space.

Results

Please specify what keywords you used in your query:

used in your query: Representy and manipulaty
Obtaining results by

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 Source Metric on the C / FPA Arbe Commons		
2	CSP Graphs Triton TAPA XOM	1	
3	Archi Metric	1	

4	Double Type	2	
5	Hiers Editor	1	
6	Digraphs	1	
7	The Metrics	1	
8	Eclipse Metrics plugin	1	
9	Glyp Wiki Downport Tool	1	
10	Metrics correlation and	1	

Analysis
Service

Experiment One

Participant id:

Participant first, last name: *Rodrigo Idu*

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

I don't have enough experience on Java, I have only 2 training courses (2 years ago).

This means I could have given an expert comment if I used it more recently.

~~*I am*~~

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 GNOME

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	Washi Blog	4	
2	Feb 10th Struts Blog	4	
3	Java Mime Magic Library	2	
4	Mime Type Detection Utility	2	

5	JAVA gnuplot GDI	4	
6	Mime-Div and v Card Java API	X	
7	Emaplet	1	
8	Mult. lingual Crosswords	4	
9	Hi See	4	
10	Debrif	1	

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 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 Cardio Pulmonary Simulation	4	displays Cardio-pulmonary - Affine - transform
2	Semantic Web spaces	4	Semantic web?
3	Vector Visuals	4	2 dimensional graphics
4	Word Vector Tool	4	Text processing?

5	Aligner	1	
6	Clifford	4	n-dimensional geometric algebra affine model
7	Map-Editor	2	only 1 file reference
8	KGD	2	only 2 files reference
9	Context Fabric	4	
10	Vector Visual 3D	2	only 2 files reference

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:

SOUND VOICE
MIDI ~~KEY~~

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	TRITONS	4	
2	Java Sound Resources	4	
3	Rasmus DSP	4	
4	Tux Guitar	4	

5	Midi- Quick- Fox	4	
6	Audio Development System	4	
7	Thud GVI	2	few reference
8	DGuitar a Guitar Two views	4	
9	Cesar	2	Few reference
10	Saiap	2	Few reference

Task

Implement a library for representing and manipulating with BigDecimal numbers. A BigDecimal consists of an arbitrary precision integer unscaled value and a 32-bit integer scale. If zero or positive, the scale is the number of digits to the right of the decimal point. If negative, the unscaled value of the number is multiplied by ten to the power of the negation of the scale. The value of the number represented by the BigDecimal is therefore $(\text{unscaledValue} \times 10^{-\text{scale}})$.

Results

Please specify what keywords you used in your query: *Unscaled Value*

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>Retro translator</i>	<i>4</i>	<i>C</i>
2	<i>ECalculator</i>	<i>4</i>	
3	<i>SWAM Domain Value</i>	<i>2</i>	<i>few reference files</i>
4	<i>Toolbox for Java/</i>	<i>4</i>	

JS Open

5	Exact FDR	2	few Reference files
6	Bind Data 2UT	2 1	Yes
7	Values 4j	2	few Reference files
8	Redpos	4	
9	Metacc	4	
10	ER PROX	4	

Task

Create an application for creating, opening, and manipulating *.zip files. The application should support opening *.zip files for reading, deleting after opening as well as adding new entries into existing *.zip files.

Results

Please specify what keywords you used in your query:

OPEN DELETE
ZIP FILES

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	TNT Mactra Backup	4	
2	Jiz	2	few reference
3	JarSorch Tool	4	
4	Spencer	2	few reference

5	JBackup WinZip	2	
6	zipdiff	2	
7	BeoZip	2	
8	Java Comix	2	
9	Aneca Backup	4	
10	CB Viewer	2	

Task

Create a framework that provides transactional support for CORBA-based applications. The framework should handle security and authentication, resource pooling, and database connectivity.

Results

Please specify what keywords you used in your query:

CORBA security connectivity

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>JS / CORBA Adapter</i>	<i>4</i>	
2	<i>Orb as - CORBA Java dev.</i>	<i>2</i>	
3	<i>MODOC</i>	<i>2</i>	<i>Just monitoring</i>
4	<i>Orb Gate</i>	<i>2</i>	<i>few reference</i>

5	harmless ORB	1	for .NET
6	light java CORBA services	2	few reference
7	UFSC Universal File Connect	2	few reference
8	UNITY L-Pony	2	few reference
9	LDRC Liberty Connecti- on	2	few reference
10	1 SNMP Trap to CORBA	4 200	

Notify
Service

Task

Implement a library for managing tooltips (A tooltip is a common graphical user interface element. It is used in conjunction with a cursor, usually a mouse pointer. The user hovers the cursor over an item, without clicking it, and a small "hover box" appears with supplementary information regarding the item being hovered over.). The Tool Tip Manager library should support operations for configuring how long it will take for the tool tips to become visible and for how long they hide.

Results

Please specify what keywords you used in your query:

~~Configure~~ GUI CURSOR

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	Zaval GUI Designer	4	
2	Jasmine IOE	1	
3	CODO	4	
4	Bluetooth Remote Control	2	

5	Maven GUI	1	
6	Maven Dependency GUI	1	
7	Dance Pipeline GUI	4	
8	PPTP GUI	4	
9	Lumber mill	4	
10	Expressive Application	4	

GUI
Generator

Task

Create an application feature that uses Secure Sockets Layer (SSL) with X509 certificates for authentication. It should signal when no more inbound network data will be sent to this application.

Results

Please specify what keywords you used in your query:

SSL X.509
Certificates

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	Cert Forge	4	
2			
3			
4			

5			
6			
7			
8			
9			
10			