

# Experiment Three

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Block: **Green**

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

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	<i>Kieth 60er Painting</i>	<i>1</i>	<i>No source code</i>
2	<i>Waba for Dos</i>	<i>1</i>	<i>This has <del>shown up</del><sup>appeared</sup> on other searches and is never relevant</i>
3	<i>Dynatime</i>	<i>3</i>	<i>This looks relevant to me - type designer/font editor</i>
4	<i>Paint J</i>	<i>4</i>	<i>You paint with this</i>

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 restoration and inpainting	2	Potentially some helpful pieces
8	DrawSWF	4	Generates animation files
9	McBillart	4	N/A
10	Bo Geo tools	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	<i>Java Wikipedia API</i>	<i>4</i>	<i>N/A</i>
2	<i>jMemorize</i>	<i>4</i>	<i>N/A</i>
3	<i>ClipboardShare</i>	<i>4</i>	<i>matches task description almost exactly, can't tell how good code is, but it is there</i>
4	<i>jPlatform</i>	<i>4</i>	<i>N/A</i>

5	GreenP VME	1	N/A
6	FScape	4	N/A
7	Jampan MP3 1.2mb	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 Reproduk	2	
2	Gecco Game Environment	4	N/A
3	Tree Editor for Java	3 <hr/> 1	can view, modify, <sup>java</sup> server code, but is wrapped up - no code available
4	AST tutorial	3	

5	Ast-Tutorial	4	N/A
6	U2J Graphical User Interface	1	N/A
7	Sim Interface	1	N/A
8	PdB Editor	1	N/A
9	SnortNet	4	N/A
10	Waba for DD	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	<del>code</del> N/A
3	Java App. Framework GUI code	4	N/A
4	GoGui	1	N/A

5	Markov Jmeter	1	N/A
6	HaploView	4	N/A
7	CPolice Phoenix	4	N/A
8	Geotag	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 (completely irrelevant)	Your explanation of your ranking (a couple of sentences)
1	XPath over XML Schema	<del>4</del> 3	evaluates XPath 1.0 expressions over XML Schema
2	Macro XQuery Engine	4	N/A
3	instantT	1	N/A
4	eclipse XPath plugin	$\frac{3}{1}$	seems good but no source code

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

# Experiment One

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Participant id: 100 23374

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Block: Green

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

1. I had to step out during the session to take a call so could not complete this. I was out for about 45 minutes.
2. I have very basic programming experience & knowledge, 2 semesters of java 8 years ago - I focus on process and training material here so a lot of my "analysis" is simplified.



# 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:

share view explore data set using MIME encoding

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	Thin (Car Collaborative knowledge portal	1	<del>looks like things</del> No source code
2	Mime TypAP Detection Utility	3	Looks like some code is relevant as it deletes mime types
3	Mime - Dir and VCard Java API	2	This doesn't seem to obviously meet the needs described above. It compares things, but that's about it.
4	iTrust Medical Records Resynthes	1	No source code

5	WWZD	1	Explore Earth with GIS - it pulled out "viewers"
6	Universal Serialization Protocol	1 <del>00</del>	<del>Universal Serialization Protocol</del> No source code
7	Gverts Home	<del>000</del> 1	Description looks relevant, but there is no source code - <del>or</del>
8	JAVA UTF-7 charset support	1	This doesn't really meet the needs described in the description -
9	CoDec ASN.1 Encoder/Decoder	3	I can detect and decode things - I am not sure how MIME is involved here, but this looks like something someone with more experience might be able to do.
10	BiZphix meta system for Business	1	<del>From</del> Extract abstract functions from objects in financial industry code.



# 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 rotation scaling shear shift translation

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	croptul	3	
2	JAligner	1	I don't see any correlation between the task and this item in the description or source code
3	Jvcliffad	3	Uses n-dimensional geometric algebra <u>affine</u> model! A lot of HTML files, only a few java that have code that doesn't seem complete to me.
4	Semant1 web space	2	based on Linda with new types or tuples & RDF statements - no clue what that means, but mentions coordinates

Disclaimer:  
I don't understand exactly what this means in the non-graphic related interpretation...

5	Virtual spaces	2	Can organize things into graphs and use those to generate files to create virtual tours
6	Vocabulary	1	Testing
7	SHIFT state-hierarchy Functional test	1	Testing
8	A game demo by the old Game Factory	2	<del>You can</del> <del>access</del> I couldn't open the code, but someone else probably could. The description makes it seem like they have basic code for affine transformations
9	SONIVIS: Tool	1	clustering algorithms for wiki
10	BugEye unit testing framework	1	Code not relevant

# 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	Code soundy	3	Can build/play - no communication with other
2	Talk to the Max	3	Instant messenger -
3	Fluid GUI	3	
4			

5			
6			
7			
8			
9			
10			