

Experiment One

Participant id: 10024823

Participant first, last name: Brandon Harvey

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

mime hash map
mime data map
mime data hash

mime data class
mime dataset hash
mime data storage
mime dataset key value pair

Task

Create an application for sharing, viewing, and exploring large data sets that are encoded using MIME. The data sets may represents blogs or genom 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:

Tried all the above (and more).
Could not find a single relevant project.

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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affine transformation vector space
affine linear transformation
affine linear transformation vector


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:

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	HTML Parser HTML Parser	3 1	no relationship to this domain apparent
2	SAligner	1	"
3	Kylyly	1	no files available
4	JVC Clifford	2 3	Project deals w/some math ops. but not useful for my task.

5	ATC VM Model Trans. Language	1	no obvious utility here
6	Telkat	1	wrong domain
7	"A Game Demo"	4	Shows almost exactly what's needed. 
8	UML Model Trans. Tool	1	wrong domain
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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 play 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	Java Sound Player and Recorder	4	some directly relevant code for audio playback. But no MIDI.
2	Kroot Computer Recorder	3	Perhaps useful - for part of the task. - no MIDI
3	PROTUX Digital Media Workstation	4	Large, but seems to contain many good examples.
4	Rasmus DSP	4	Does audio and MIDI

5	Audio Develop- ment System	4	Directly relevant codes
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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:

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

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:

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

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:

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 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:

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

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:

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: Chad.m. Cumby

Participant first, last name: Chad, Cumby

Block: **Yellow**

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 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 Key Value

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	Extended Root Tree	2	Base Source exists but no links to apis. Could have useful code
2	Orangedad.com Servlet Engine	3	Has some stuff related to storing mime types for servlet obj's.
3	JBear Common	1	Uses Xalan Hash table xslt.
4	MVIP	2	Nothing about MIMEs Uses Maps

5	Truth test	2	Nothing about MIMES uses Hashes.
6	Commsy	1	No source code
7	Idon	1	No MIME. WRONG WRONG Api results WRONG
8	Resource Bundle Helper	1	No MIMES
9	Java Mime Magic	4	Detects MIME types and works w/ them. contains code.
10	Race Track	2	Uses Hashes. No 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

Please specify what keywords you used in your query:

vector spaces transformation
affine

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	Swing states P4 of 4 gem	4	No code Uses the AWT A-T. Reimplements the transforms.
2	Terra J tuna	3	No Java code Has lots of gear stuff. Obj Pascal? Not general vector spaces
3	Geotag	3	Uses AWT A-T.
4	Ad Hoc Draw	3	Uses AWT A-T

5	Cutting Problem	3	Uses AWT - A-T
6	IDEM	3	Uses AWT - A-T
7	jkiwi	3	Uses AWT - A-T
8	Procedural Cartoon Animation	3	//
9	JIBS	3	//
10	Extended Frame	2	Uses Uses A-T but only in 4 lines.

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 midi: 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	Tritonus	4	Builds on top of Javax.sound for new midi devices + samples
2	Midi Improviser	1	No source.
3	Sky Synthesizer	1	No source
4	Sound Grid	3	Midi support but no sound recorder.

5	Tux Guitar	3	Midi Only
6	Midi Aide TeX	3	Midi Only
7	Audio Dev System	4	Pretty good usage of javax.sound
8	Fluid GUI	2	A little Midi stuff
9	Java Midi concerto suite	1	No Source
10	Bulk Dumper	1	No Source

Task

This task is stupid.

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 $(\text{unscaledValue} \times 10^{-\text{scale}})$.

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Results

Please specify what keywords you used in your query:

zip compression

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Experiment Three

Participant id: *chad.m.comby*

Participant first, last name:

Block: **Yellow**

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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 painting 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)
1	Waba for DOS	2	No font rendering
2	Bongoli Pi	1	No source
3	Keith goes Painting	1	No source
4	Option Font Viewer	4	Displays Unicode Fonts

5	Java 2D PS Text	4	Font support & global Printing.
6	Font Sender	1	Nothing about rendering fonts
7	CEL Pal	1	Nothing about rendering fonts
8	Mc Billiards	3	Has a font renderer for some windows fonts.
9	DUMP3	1	No font rendering
10	Draw SWF	3	Has some stuff for rendering fonts as SVG from Flash movie

Experiment Three

Participant id: 10024823

Participant first, last name: Brandon Harvey

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

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 unicode render*

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 Dos</i>	<i>1</i>	<i>TCP socket — unrelated</i>
2	<i>Unicode Manipulator</i>	<i>1?</i>	<i>Could not get source</i>
3	<i>Unicode Rewriter</i>	<i>1</i>	<i>not relevant</i>
4	<i>j18n</i>	<i>1</i>	<i>not relevant</i>

5	Active Render Java Framework	1	no files
6	Vietpad	4	Does display & work with Unicode glyphs.
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