

Experiment Two

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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:

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	ItsNet, Natural Ajax and Java Web Framework	4	it has API calls which we can reuse
2	Struts web HTML Presentation Technology	4	it has the source code which can be reused
3	Polydun	1	there is absolutely nothing that you can use from this project
4	XML/XSLT web Travers	1	same as above

5	Streaming XML-DOM event processing	✓	it has nothing that you can use
6	Baykit TagPrint	✓	same as above
7	composer- SWT HTML Editor widget	✓	same as above
8	BeaLDOM	✓	Same as above
9	JTidy	2	it has the few relevant code snippets
10	Java Application Update Utility Software	✓	it has nothing that you can use

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: *javabeans, text, 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	Libitima	2	it has some code
2	JeHeP	4	its just a text editor
3	Beanary	1	it has nothing to use
4	Hotel California	1	same as above
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5	F-O F-O	1	It's not downloaded to sourceforge.
6	Patallias JDBC- SaveBeans	2	it has some code snippets.
7	SP2001!! ISG!! Green Light District	1	it has nothing than can be used for this project
8	JSmooth	1	same as above
9	GreenGWT	1	same as above
10	apcupsd Java gui front-end	1	Same as above

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 sequence*

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	Malasco	1	there is nothing in it to matches the ^{given} task
2	EuroMath2	1	same as above
3	Java Dynamic DNS Client	1	same as above
4	JeHeP	1	same as above

5	Pattern Sandbox	4	Pattern Sandbox ^{giving} is the exactly what has been asked in the task. So it is 100% relevant and reusable tool.
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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)
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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:

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 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:

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

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:

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

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:

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 Three

Participant id: bhavani.belide

Participant first, last name: Bhavani Belide

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 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	Double Type	3	It has large number of code snippets which can be reus usable.
2	Yafey: Yet Another Tile Editor	1	There is nothing that can be used.
3	Image restoration and inpainting	1	same as above
4	Dymond	1	same as above unable to download

5	5olpafint	1	unable to open the file
6	Sanbox Pix	3	it has code snippets which can used to implement the given task.
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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: *lightweight virtual machine data transfer*
clipboard sun 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	Pastepro	1	this is not relevant because it doesn't have anything that matches to given task
2	Bistro	1	same as above
3	Clipboard Share	3	it has code snippets that can be reusable.
4	Java Research Runtime Environment	1	it doesn't have anything that can be used

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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:

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 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:

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 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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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:

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

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Participant first, last name: Bhavani Belide

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

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, Genom, blog*

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	Genom	<i>1</i>	<i>only its description exists, there is nothing that you can use from this project</i>
2	Java Mime magic Library	<i>2</i>	<i>only few relevant code snippets in the project</i>
3	Mime Type Detection Utility	<i>2</i>	<i>only few relevant code snippets in the project</i>
4	multimedia blog	<i>1</i>	<i>only its description exists there is nothing that you can use from this project.</i>

5	Blog Backup	1	only description exists there is nothing you can use from this project.
6	Ching Blog (Chinaroller)	1	is same as above
7	Mime-Dix and read Sava API	4	This project has some code snippets and API calls which you can reuse
8	Blog-Ease	1	only description exists, there is nothing you can use from this project
9	Maxtimey Blog Reader	1	Same as above
10	Jsay	1	same as above

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, linear*

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	SwingState	3	this project has large number of API calls
2	TerraS	2	this project has few API calls
3	Geotag	3	this project has large number of API calls
4	AS HotDraw	3	same as above

5	Cutting Problem	2	it has few API calls
6	Jkiwi	4	It has large number of API calls which you can reuse
7	Procedural Cartoon Animation	4	You can reuse the API calls in this project
8	JIBS - The Java Image Browser and Sorter	4	Same as above
9	IDEM	4	Same as above
10	Extended Frame	2	it has few API calls

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, audio, midi, connection, 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	it has large number of API calls that you can reuse
2	Audio Development System	4	Same as above
3	Modular Audio Recognition Framework	4	it has large number of code snippets that you can reuse in the project
4	BulkDumper	1	there is nothing that you can use from this project except description

5	Java Sound Player and Recorder	1	There is nothing that you can use from this project except description
6	Midi Improvise	1	Same as above
7	Skysynthesizer	1	same as above
8	Tunguitar	4	It has number of API calls which you can reuse
9	RPitch	2	it has some API calls
10	Java Sound Resources	4	It has number of API calls which you can reuse

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: *BigDecimal, arbitrary, precision, integer*

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>Big calculator</i>	<i>2</i>	<i>it has some code snippets</i>
2	<i>Metacc</i>	<i>3</i>	<i>it has somewhat large number of relevant API calls</i>
3	<i>JavaDIF</i>	<i>2</i>	<i>it has some API calls</i>
4	<i>Beans Personal financial manager</i>	<i>2</i>	<i>same as above</i>

5	Qwicap	1	there is nothing that you can use from this project
6	Lazy Hrs Text Views on Databases	1	same as above
7	eLawOffice it and eLawManager	1	same as above
8	Micro XQuery Engine	1	same as above
9	QW Plot	1	same as above
10	Extra ExactFDR	1	Same as above

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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