

# Experiment Two

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Participant id: *goran.josic*

Participant first, last name: *GORAN JOSIC*

Block: **Yellow**

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

*Had some trouble logging into sourceforge. I could not get to the login screen.*



# 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:

parse HTML 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	ShaniXul Parser	2	It might be useful for HTML parsing part but not for much else
2	Jivan Web HTML presentation Technology	4	It creates DOM from HTML and allows modification of HTML through DOM
3	aCodeGen	1	This is really a compiler
4	Oracle Statpack Report Analyzer	1	This project creates HTML file, <del>not</del> it doesn't parse it or create DOM tree

5	Bean LDOM	1	This project ties together DOM tree and Java bean objects, not HTML and DOM
6	JTidy	2	What we need is to parse HTML into DOM tree. JTidy would be of limited use here.
7	Tex converter	1	Converting other files into HTML is not needed for this task
8	Javast	<del>1</del>	We don't need its functionality for the purpose of this task
9	CSS parser	1	We are concerned with creating DOM tree using HTML and editing HTML using DOM tree. This project does not have any functionality
10	dom4j	1	We don't need its functionality for the purpose of this task

# 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 property beans

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	Dozer	2	There might be something useful here since the project deals with property mapping. <del>However I cannot find the answer here</del>
2	Joda	2	There might be something useful here too (also about property mapping). <del>Unfortunately I did not find the answer here.</del>
3	Nave1 Java Bean Introspection Tools	2	same as #1
4	Beanjector	1	This is not what we are looking for.
5			

	Summary property binding	1	Too bad Fava beans are. not used here (my guess)
6	Foda- Beans	2	same as #1
7	Application Property Server	1	not exactly what we are looking for
8	Enterprise JUnit Beans 3	1	same as above
9	Repository Beans	1	same as above
10	Puzzle Beans	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:

find replace

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	#AR find and replace	4	seems to be exactly what we are looking for
2	R Text	3	a bit too much for what we are looking for
3	Black Sun Eclipse plugins	1	no need for a plugin for this task (though it could be useful)
4	Genie Jython	1	not exactly what we need

5	Jacmsh	1	same as above
6	Mass File Wren	1	same as above
7	JFind Replace	3	more than what we need
8	JRenamer	1	not exactly what we need
9	Reg & Search Replace tool	3	useful but more needs to be done
10	Visage	1	<u>wow, this is cool</u> but not needed.



# Experiment Three

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Participant id: goran.i.josic

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Please direct your browser to [http://www.xemplar.org/search/index\\_adv.jsp](http://www.xemplar.org/search/index_adv.jsp)

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

My problem with this code search application is that adding more words does not mean constraining the result (going from a bigger set to a smaller one), I guess I am used to searches that match up against all the words (I know this is supposed to work this way but still it can be annoying).

For example: "dynamic table" returns results that I find decent, but "dynamic table scrollbar" returns results ~~that I find decent~~ that don't really match up to anything, and they are listed first. I really have to be careful with words since too few or too many would generate a large set of results, most of them not being useful.



# 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:

text font

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	Font Viewer	2	Parts of it might be useful but overall this is not what we need
2	JSoccer Lab	1	Not related to the task at all
3	Option Font Viewer	2	Might be useful, but not exactly what we need
4	Procedural Cartoon Animation	1	See #2

5	Font Sender	2	See #3
6	Huploview	1	See #2
7	Cutting problem	1	see above
8	Skunk DAV web DAV client	1	See above
9	Java Application Framework GUI EDITOR	1	see above
10	Ubergen MDA: UML do anything generic	1	See above

# 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

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	3	This might be what we are looking for, since it has clipboard transfer. Not sure about lightweight VM though
2	Clipboard share	3	see above
3	C# Java virtual machine	2	<del>Waba for Dos is not a virtual machine</del> It's a virtual machine, but not sure if it is lightweight
#5 sorry, mixup	Java virtual machine	2	see above

5 sorry, misup	PastePro	2	It uses clipboards to transfer data, but does it have lightweight VM
6	JGloss	4	Not exactly what we are looking for.
7	Flat Bean	<del>4</del> 3.5	see above
8	Very small VM	<del>4</del> 2	seems to have limited usefulness
9	OddJob	4	not exactly what we need
10	JClipShare	2	see PastePro comment

# 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:

output 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	Tree Editor for Java	3	It only it was not a plug-in
2	Maya in Java	1	Doesn't look like something we need since it doesn't comment on functionalities needed for the task
3	AST Reproduce	3	see #1
4	Syndrsk	2	It can build AST tree, but needs more to satisfy the task's functionality

5	FAST SDK	3	provides much of the functionality but not all
6	ASTcentric	4	seems to have it all
7	Savast	3	see #5
8	code sounding	1	we are not interested in sound playing application according to me Task
9	Tree Form Syntax Tree Drawing Software	1	not what we need
10	Tree DL	1	not what we need



# Experiment One

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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:

view, share, MIME

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	JAVA MIME MAGIC LIBRARY	2	It's purpose was for determining MIME types, not for exploring the data
2	MIME TYPE DETECTION UTILITY	2	same as above
3	AONS	2	Might prove somewhat useful; otherwise it's purpose is very much different from what is needed
4	Waba for Dos	2	same as above

5	Battle Reporter	2	while it does feature sharing viewing/editing, <del>it's not</del> it does not deal with MIME types. seems overly complicated compared to what we need
6	Orangehead.com Servlet Engine	3	Might prove useful for sharing files. <del>but not much else</del>
7	Share eBook	3	same as above
8	Mime Doc and vCard Java API	4	Deals with MIME type, <del>which</del> which is an essential component of the task
9	JGloss	1	<del>For</del> Reading and translating another language is not required for this task
10	iTrust Medical Records Description	3	Might prove useful for viewing/exploring files

# 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:

translation, rotation, scaling

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	Super Image Resizer	1	The task requires <del>mathematical</del> <del>more of a</del> mathematical transformation as well (as far as I understood)
2	KoordTrans 3D	4	It supports translation, rotation and scaling for affine space too
3	2D Form Edit	3	It has many relevant parts needed for the task
4	LymlHum	1	<del>used for documents system</del> not related to coordinate system

5	<del>Multidimensional</del> MULTI-DIMENSIONAL Scaling for Java	3	Same comment as for #3
6	Open MG Euclys FR translation	1	not related to coordinate system
7	Margolan Langrage translation system	1	same as above
8	jpg2dico	1	same as above
9	twlgr	1	same as above
10	UTMA Unified Translation Memory Access	1	same as above