

Experiment Two

Participant id: 10422375

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Block: Magenta

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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, create, DOM, tree, traverse

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	ItsNat, Natural AJAX Java Web Framework	3	Many relevant code snippets for DOM HTML parsing.
2	OLR	2	Not many relevant code snippets... just some API calls
34	XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX JXMLEditor	2	Contains some DOM DOM-XML-parser-like snippets but not immediately relevant to our task
43	XXXXXXXXXX iReport-Designer for Jasper Reports JXMLEditor	3	DOM DOM-contains a XML parser which which may be relevant / similar to our requirement.

5	httpunit	3	Many relevant code snippets relating to DOM HTML parser
6	INGENIAS Development Kit (IDK)	4	
7	Jivan Web HTML Presentation Technology	4	Contains code implementation of DOM HTML Parser, highly relevant. Also Also implements writing data into the resulting DOM tree / HTML document. Source code all present & available to download.
8	ShariXml Parser	3	Many relevant code snippets relating to DOM HTML parser
9	TLabs	2	Some APIs but code does not look relevant,
10	DOMUnit	2	Some APIs but code does not look relevant,

Experiment Three

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Please direct your browser to <http://sourceforge.net/>

Login name: xemplar

Password: exemplar2009

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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* draw*

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	GlyphEdit	3	Many relevant code snippets
2	DrawSWF	1	
3	drawboard	1	
4	DoubleType	3-4	Highly relevant application (source code available) to create true type font files, which may be reused for our application

Skip to 3rd task.

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Task₂

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:

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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Task₃

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:

java, file, AST, edit, 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	Java Class FileEditor	1	Does not have source code (just .jar file), also does not mention use of AST.
2	ASTcentric	3-2	was unable to run the app but source is available. Relevant application for editing ASTs through a GUI.
3	apcupsd java gui front-end	1	Unrelated to AST's ...
4	Postal - Sims 3 Package Editor and API	1	Unrelated to ASTs, no source code (only class files).

5	ast parser	1	No files available for download. (But highly relevant description).
6	File Commander	1	unrelated to the ASTs. No source code (only .exe)
7	Property File Manager	1	Nothing available for download.
8	JDasm, java class file manipulator	1	Irrelevant, no mention of AST, in description or in source code.
9	JCviGen - Java GUI Application Generator	1	Not relevant to editing java files. No mention of AST in description or source code.
10	Firoz	1	Not relevant for java source files. Specialized for the properties file management. No mention of AST.

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, dynamic, table

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	KTable	1	
2	extreme Components	1	
3	NatTable	1	
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Experiment One

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display search keyword.

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, encoded, map, key, value, data, set

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	Waba for Dos	3	Code deals with MIME & maps Code deals with MIME & maps & data handling with maps. Might extract some relevant code snippets related to MIME & data handling with maps.
2	Extended Root Tree	2	An implementation of a data structure. May be relevant to data retrieval retrieval, but no mention of MIME encoding.
3	Hierarchical Map	2	As above, data structure implementation perhaps relevant to our data manipulation requirement. Again no mention of MIME.
4	Web Map Service for NetCDF Data	1	No source code

5	DiB	01	No source code
6	DiB	01	No source code (this result is same as #5, was returned twice).
7	Mime-Dir and vCard Java API	1	Minimal code, no methods or API which look relevant.
8	dcm4che, a DICOM Implementation in JAVA	02	Some minimal usage of MIME encoding/decoding for images. Mostly irrelevant.
9	Satellite WebApp	2	Minimal usage of MIME.
10	wingS	3	Contains method for parsing MIME-encoded request. MIME-related code looks highly relevant.