



year 4
2013
project

Minimal Visual Elements Library

Description

Minimal Visual Elements Library (MVEL) is a very generic interactive structures and information displaying library released under the MIT license.

This means it aims to satisfy simple needs related to construct and show structured information (such as really simple diagramming) in an interactive manner. For this, it provides area containers and elements that are extendable and customizable.

Basing on top of JQuery UI and smart custom-made specific functionality, all of the provided elements are persistable, draggable and resizable HTML4 DOM elements.

Also, it allows you to lock any of the elements in it's current size and position and/or remove them just by accesing the menu that appears when mouse is over (you can add custom options to the menu in your extensions).

As an example of it's extensible nature, it is provided the Label element (which btw it's draggable but not resizable).

In the demo included you can check the basic functionality including some customizations to create special containers (Box, Frame, Section, Zone, etc).

Check the demo, it's easier to get the idea just by seeing mvel in action.

The project page is: <http://coderesearchlabs.com/mvel>

NOTES:

- JQuery and JQuery UI must be present to get it working.
- All of it's source code is in strict-mode.
- It includes 1 demo.
- It has been tested in all major browsers (Internet Explorer, Chrome, Firefox, Opera and Safari) with expected results.

Enjoy,
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License

Minimal Visual Elements Library

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Tools

In the development of **Minimal Visual Elements Library** the following tools were specifically involved:

for source code minifying
Douglas Crockford's JSMIn
<https://github.com/douglascrockford/JSMin>

When working at **Code Research Laboratories** the following tools are used:

in the test management field
Gurock Software's TestRail
<http://www.gurock.com/testrail/>

in the version control field
VisualSVN Ltd's VisualSVN
<http://www.visualsvn.com/>

in the similarity analysing field
RedHill Consulting's Simian
<http://www.redhillconsulting.com.au/products/simian/>

in the application lifecycle management field
Inedo's BuildMaster
<http://www.inedo.com/buildmaster/>

in the documentation field
EC Software's Help & Manual
http://www.ec-software.com/products_hm_overview.html

in the Java source code edition field
JetBrains's IntelliJ IDEA
<http://www.jetbrains.com/idea/>

in the bug tracking field
JetBrains's YouTrack
<http://www.jetbrains.com/youtrack/>

History

DATE	DESCRIPTION
2013.03.28	initial development
2013.05.25	first public release