

Shrugs

Shrugs Help Regular Users Generate Sites

Michael Clayton, Billy King, Brandan Miller, Vipul Nataraj

Documentation

Dependencies/Resources

1. Windows/Mac/Linux Machine that has:
 1. Java Version 1.6 or higher.
 2. Java SE Runtime Environment (build 1.6 or higher)
 3. 64-Bit JVM
 4. Eclipse

How To Run

Shrugs is packaged as an Eclipse project so the steps to run are simple.

1. From Eclipse, File->Import->Existing Projects Into Workspace
2. Browse for the Shrugs folder and import the project into Eclipse
3. Right click the Shrugs folder from within Eclipse package explorer and click properties. Then, Project --> Java Build Path --> Libraries.
4. Make sure 'gson.jar' is set to point to the jar which is located in the Shrugs project in the 'lib' folder.
5. For help in steps (3-4), this StackOverflow may be useful
<http://stackoverflow.com/questions/3280353/how-to-import-a-jar-in-eclipse>
6. From Eclipse, select Shrugs project and Run As->Java Application.

That's it!

How To Use

Shrugs is a graphical website designer. Once the program is started, you will notice a large white canvas. This is where you can draw different web page elements. The following elements are supported and explained.

Div: A basic container. Can contain child elements. Color can be changed using the color button.

Image: A graphic. The source can be chosen using the "Choose Photo" button.

Text: A text area. Size, color, and text to be displayed can be configured.

Link: A text area that becomes a hyperlink when exported to a web page.

Each element is drawn/created by clicking and drawing on the canvas (DrawableView).

Elements to be drawn can be selected from the toolbar. This is also where the attributes are set for each element before drawing them.

The properties of each element can then be changed, after being drawn, by double clicking on the item on the canvas which brings up a configuration menu for that element.

The menu can be used to perform useful actions such as load a .shrug project file, save a .shrug project file, create a new file, or export the current project to HTML/CSS. There is also a help menu with some cursory information about Shrugs.