

Adding a Browser-based Image Editor to ICEcoder

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These instructions require the ICEcoder Docker install (<u>http://lastmilesynergy.com/?q=node/49</u> [1]) to have already been completed.

Download SVG-edit from https://code.google.com/p/svg-edit/ [2] and place it in a folder.

In that same folder,

\$ touch Dockerfile

and fill it with the following instructions:

ICEcoder-SVGEdit Server
Version 0.1
FROM icecoder:latest
MAINTAINER Last Mile Synergy, LLC

ADD ./svg-edit-2.6.zip /opt/svg-edit.zip

RUN unzip /opt/svg-edit.zip -d /var/www/ RUN chmod -R 777 /var/www/svg-edit

CMD ["/usr/sbin/apache2", "-D", "FOREGROUND"]

Then, create the Docker image and fire up a container:

\$ docker build -rm -t icecoder-svgedit .
\$ docker run -d -p 127.0.0.1:80:80 icecoder-svgedit

Now, log into ICEcoder and copy the file svg-edit/svg-editor.html to svg-edit/index.html. Edit the file to add:

<script type="text/javascript" src="extensions/ext-server_opensave.js"></script>

after the text: "<!-- you can load extensions here -->".

Then, within the file svg-edit/svg-editor.js, add 'ext-server_opensave.js' to the extensions array within the curConfig hash:

curConfig = {
 canvasName: 'default',
 canvas_expansion: 3,
 dimensions: [640,480],
 initFill: {
 color: 'FF0000', // solid red
 opacity: 1
 },
 initStroke: {
 width: 5,
 color: '000000', // solid black
 opacity: 1



}, initOpacity: 1, imgPath: 'images/', langPath: 'locale/', extPath: 'extensions/', jGraduatePath: 'jgraduate/images/', extensions: ['ext-markers.js', 'ext-connector.js', 'ext-eyedropper.js', 'ext-shapes.js', 'extimagelib.js','ext-grid.js','ext-server opensave.js'], initTool: 'select', wireframe: false, colorPickerCSS: null, gridSnapping: false, gridColor: "#000", baseUnit: 'px', snappingStep: 10, showRulers: true },

Now, you should be able to go to <u>http://localhost/svg-edit</u> [3] and begin editing SVG and PNG images.

Source URL: http://www.blackhillsystems.com/?q=node/53

Links

- [1] http://lastmilesynergy.com/?q=node/49
- [2] https://code.google.com/p/svg-edit/
- [3] http://localhost/svg-edit