

Adding a Browser-based Image Editor to ICEcoder

published by admin on Sat, 04/11/2015 - 20:34

These instructions require the ICEcoder Docker install (<http://lastmilesynergy.com/?q=node/49> [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', 'ext-  
imagelib.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 <http://localhost/svg-edit> [3] and begin editing SVG and PNG images.

Source URL: <https://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>