new project

SHAPES

CODE

(You can copy this code into your svg tag!)

new empty project

new preset project

new preset project

Project title

untitled_svg

View Box

Height   900

Width   900

Choose preset shape

star

staircase
oval
spiral
book
star

Cancel   OK

New Project Menu

New Empty Project

This option will create a new project.
The new project will not have any SVGs.
Upon click the user will view a modal.
Using the modal, the user will be able to
name the project or leave it untitled.
The user will be able to set the initial
L x W Dimensions of the view box.

New Preset Project

This option will create a new project.
Upon clicking the user will view a modal.
The modal will provide the user with
various preset svg shapes to start with.
Using the modal, the user will be able to
name the project or leave it untitled.
The user will be able to set the initial
L x W Dimensions of the view box.

*Performing any of the above actions will
overwrite whatever was being worked on.
So there should be an indicator if work is
unsaved/saved.

new project

SHAPES

CODE

(You can copy this code into your svg tag!)

new empty project

new preset project

new empty project

Project title

untitled_svg

View Box

Height 900

Width 900

Cancel   OK

new empty project

Project title

untitled_svg

View Box

Height 900

Width 900

Cancel   OK

Save / Export Menu

Quicksave

The user will be able to quickly save their current project by clicking this once. This option will be available if the project already exists in localstorage or DB. This is a one click button. No modal. Ideally, there would be some way of notifying the user that work is unsaved.

Save Project

This option will allow the user to save their project within their browser locally. Or if the user has logged in with github oauth, the user can save their project to a noSQL DB.

Sync Projects

This option will let the user update their collection in DB with local projects. A prompt will appear asking the user to verify this action.

Export as

This option will let the user download the current project as a file (.svg or .txt). Project code is likely to just be exported as a .txt file for now. Directly interacting with a user's file system could also be a potential security risk so this may need more thought.

*Note: Localstorage has a size limit of 10mb in browsers Google Chrome, Firefox, Opera and Internet Explorer.

save/export

quicksave

save project

export as

1

X
Y
R

save project

Project title as

untitled_svg

(Must be logged in)

Save current project on cloud

Save current project locally ●

Cancel   OK

save project

Project title as

untitled_svg

Save current project on cloud ●

Save current project locally

Cancel   OK

2

TEXT ○

X ────●──────────── ○
Y ──────●────────── (117,193)
T Red Circle

CODE

(You can copy this code into your svg tag!)

<circle cx="150" cy="123" r="39"/>

<text x="117" y="193" >Red Circle</text>

save/export

quicksave

save project

export as

1

CIRCLE

X

Y   (150,123)

R   (39)

Minimize

2

TEXT

X

Y   (117,193)

T   Red Circle

export as

Export current project as

untitled_svg

Choose file type

.txt

.pdf
.svg
.txt

untitled_svg.txt

Cancel   OK

CODE

(You can copy this code into your svg tag!)

`<circle cx="150" cy="123" r="39"/>`

`<text x="117" y="193" >Red Circle</text>`

save/export

1

CIRCLE ⭕

X ●——— ⭕
Y ●——— (150,123)
R ●——— (39)

Minimize
▲

2

TEXT ⭕

X ●———— ⭕
Y ●———— (117,193)
T Red Circle

quicksave ●

save project

export as

export as

Export current project as

untitled_svg

Choose file type

.txt ▾
.pdf
.svg
.txt

untitled_svg.txt

Cancel   OK

CODE

(You can copy this code into your svg tag!)

`<circle cx="150" cy="123" r="39"/>`

`<text x="117" y="193" >Red Circle</text>`

save/export

1

✕

X
Y
R

save project

Project title as

untitled_svg

Save current project on cloud   ●

Save current project locally

Cancel   OK

quicksave ●

save project

export as

2

TEXT   ○

X —●—————————— ○
Y —●—————————— (117,193)
T [Red Circle]

CODE

(You can copy this code into your svg tag!)

```
<circle cx="150" cy="123" r="39"/>

<text x="117" y="193" >Red
Circle</text>
```

save/export

1

CIRCLE ◯

X ━━━━●━━━━━━ ◯
Y ━━━●━━━━━━━ (150,123)
R ━●━━━━━━━━━ (39)

Minimize
▲

quicksave ●

save project

export as

2

TEXT ◯

X ━●━━━━━━━━━ ◯
Y ━●━━━━━━━━━ (117,193)
T [Red Circle]

export as

Export current project as

[untitled_svg]

Choose file type

| .txt ▼ |
| .pdf |
| .svg |
| .txt |

untitled_svg.txt

Cancel   OK

CODE

(You can copy this code into your svg tag!)

`<circle cx="150" cy="123" r="39"/>`

`<text x="117" y="193" >Red Circle</text>`

load/import

SHAPES

CODE

(You can copy this code into your svg tag!)

load project

load project

load project from file

import preset shape

load project

Project title   thunderbolt

thunderbolt   ▾

untitled_svg1

untitled_svg2

hamburger_icon

thunderbolt

October 24, 2020

Cancel   OK

settings

load/import

SHAPES

CODE

(You can copy this code into your svg tag!)

load project

load project from file

import preset shape

load project from file

Drag & Drop File Here

+

Browse

● thunderbolt.txt ~ successfully loaded
○ hamburger.txt ~ parsing...
● fail.jpg ~ error: invalid file type

Cancel   OK

...

Load / Import Menu

Load Project

Clicking this menu option will bring up a modal for the user. This modal will allow the user to choose a previously saved project to work on. The user will be able to choose from local projects as well as from projects previously saved into noSQL database. This will overwrite the current project so the user needs to save their changes if they don't want to lose data.

Load Project From File

This option will let the user load a project from a previously saved .txt file. The app will attempt to parse and render the code written in this .txt file.

Import Preset Shape

This option will allow the user to import preset shapes into their project. A modal will appear and the user will be able to choose from several prebuilt shapes.

*Note: Will need error handling in case the .txt files a user attempts to import contains improper code

Transform Menu

Translate

This option will allow a user to reposition multiple shapes on the viewbox at once without changing their positions relative to each other. This is especially useful for repositioning the entire SVG. A modal will appear prompting the user to select the shapes to be translated.

Scale

This option will allow a user to resize multiple shapes on the viewbox at once without changing skewing their initial proportions. A modal will appear prompting the user to select the shapes to be proportionally resized.

*Note: Selecting each shape to transform on projects of a large size could be unwieldy. If such is the case then limiting these actions to only transforming the entire SVG on the viewbox may be all that can be done for the time being

transform

CODE

(You can copy this code into your svg tag!)

```
<circle cx="150" cy="96" r="39"/>

<text x="121" y="207" >Red
Circle</text>

<path d=" M112 152 L200 100 Z"/>
```

translate

scale

Y   (150,96)
R   (39)

Minimize
▲

2   ✕

TEXT   ◯

X   ●————————   ◯
Y   ●————————   (121,207)
T   [Red Circle]

Minimize
▲

3   ✕

PATH   ◯

new empty project

Project title   View Box   ⓘ

[untitled_svg]   Height [900]
                              Width   [900]

Cancel   OK

new empty project

Project title

[untitled_svg]

View Box   ⓘ

Height [900]

Width   [900]

Cancel   OK

Red Circle

transform

translate

scale

2   ✕

TEXT   ◯

X   ━━●━━━━━━━━━━   ◯
Y   ━━━●━━━━━━━━━   (121,207)
T   [Red Circle]

Minimize
▲

3   ✕

PATH   ◯

(150,96)
R   ━●━━━━━━━━━━━   (39)

Minimize
▲

new preset project

Project title   View Box   ⓘ

[untitled_svg]   Height [900]

                              Width   [900]

Choose preset shape

[star   ▾]
  staircase
  oval   ┌─────────────┐
  spiral   │   ★   │
  book   │   │
  star   └─────────────┘
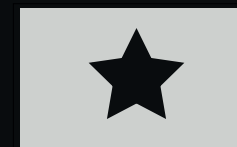
                        Cancel   OK

CODE

(You can copy this code into your svg tag!)

<circle cx="150" cy="96" r="39"/>

<text x="121" y="207" >Red Circle</text>

<path d=" M112 152 L200 100 Z"/>

Settings Menu

Resize viewbox

Empty for now