

Developer Documentation

Chemix Visualize In Mozilla Science Lab

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Project Directory Structure

This project contains files and folders.

The structure of the contents of this folder is outlined below:

- assets/images/

This contains any images used by all html file.

- assets/js/

This contains the all JavaScript code used.

- assets/css/

This contains the Style Sheet for this project

- index.html

- phindex.html

This contains all HTML code used by the project.

The index.js File

The index.js file contains all main functionality functions used by this index.html page. These are defined with several method and variables, explained below.

Methods

chbg(r,color) – change the flask fill color.

changeChemicals(v,s,r) – To change the specific chemical.

changeChemicals2(v,s,r) – To change the base/acid .

changeDimensions() –To increase the volume level.

changeHeight() – To decrease the volume level.

colorHCl(l,u) –To change the color with adding HCl.

colorNH(l,u) – To change the color with adding NH₃.

The index1.js File

The index1.js file contains all main functionality functions used by this phindex.html page. These are defined with several method and variables, explained below.

Methods

convertHex(hex) – To convert the colotr code into RGB color format.

visible(r) – To visibility the object.

changeChemicals(v,s,n,m,p) - To change the specific solution.

changeChemicals2(v) – Add the water into the tap.

changeDimensions() - To increase the volume level.

changeHeight() - To decrease the volume level.