

# Developer document

## 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
- Comindex.html
- phindex.html

This contains all HTML code used by the project.

## The index.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

changeChemicals(v,s,r) - To change the specific base.

changeChemicals2(v,s,r,q,t,u)- To change the specific acid.

changeChemicals3(v,s,r)- To change the specific acid concentration.

changeChemicals4(v,s,r) – To change the specific base concentration.

changeChemicals5(v,u,s,n,g,p) - To change the specific indicator.  
concentration.

changeDimensions() - To increase the volume level.

changeHeight() - To decrease the volume level

## The index2.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 NH<sub>3</sub>.

## 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