Code Docs

# General

## Temp

## Run Node app on Windows startup

* Use npm and install node-windows
* Create and run this script

var Service = require('node-windows').Service;

// Create a new service object

var svc = new Service({

  name:'Hello World',

  description: 'The nodejs.org example web server.',

  script: 'C:\\path\\to\\helloworld.js'

});

// Listen for the "install" event, which indicates the

// process is available as a service.

svc.on('install',function(){

  svc.start();

});

svc.install();

* A service will be found in windows services that can be made to run automatically on startup

# Language Guides

## Js

### General

* == checks if values are equal. === checks if values are equal and of same type.

## SVG

* The viewBox attribute can be used to scale SVG elements

### SVG Scrolling

* If SVG has elements in it that are bigger than the SVG size, they will get clipped by default.
  + They can be made to be shown by setting the overflow property to visible.
    - Setting the property to scroll does not create scrollbars and doesn’t seem to work.
* If the SVG is bigger than it’s container div, the div can be set to allow scroll of overflow.

# Library Guides

## D3 Js

### Sending event from one element to another

For example, when you want to send a mousewheel event from element 1 to element 2. You can clone the event (you can’t reuse the already fired event) and use the dispatchEvent function.

The dispatchEvent function is only available for some types of elements like svg rect.

element1.on("wheel",(e)=>{element2.node().dispatchEvent(new WheelEvent(e.type,e))})

### Getting parent node of an element

node.parentNode

### Hide elements and prevent events

elem.style("visibility","hidden")