Busylight for Chrome Sample

The Busylight for Chrome Sample is a Chrome App using the Chrome HID interface to communicate with the Busylight Device.

To install the App, follow these steps:

- Store the Busylight App somewhere on your computer.
- In Chrome, navigate to chrome://extensions
- In the extensions window, activate the development mode. (upper right corner)
- Click Load unpacked.
- Find and select the app or extension folder.
- Open a new tab in Chrome click Apps click the app or extension. Make sure it loads and works correctly.

How to use the Busylight in your own chrome app or extension:

Make sure you have included the Busylight Device list in the permissions part of your manifest.json:

```json
{
    "name": "Busylight Tester",
    "manifest_version": 2,
    "version": "1.0.0",
    "minimum_chrome_version": "45.0.2439.3",
    "icons": {
        "16": "Busylight16.png"
    },
    "app": {
        "background": {
            "scripts": [ "main.js" ]
        }
    },
    "permissions": [
        "hid",
        {
            "usbDevices": [
                {
                    "vendorId": 1240,
                    "productId": 63560
                },
                {
                    "vendorId": 10171,
                    "productId": 15307
                },
                {
                    "vendorId": 10717,
                    "productId": 15306
                },
                {
                    "vendorId": 10717,
                    "productId": 15309
                }
```

```
            ]
        }
    ]
}
```

Include the BusylightSDK.js in your App:

```
<script src="BusylightSDK.js"></script>
```

The Busylight is initialized by calling the BusylightSDK function:

```
var busylightSDK = new BusylightSDK(function() {
            // insert your code to run after successful connection here

        } );
```

Now, you can use the busylightSDK object in your code like

```
busylightSDK.ColorRGB(0,100,0);
```

BusylightSDK.js Reference

Function	Description
Color(BusylightColor)	Busylight will show the color defined in the BusylightColor object.
ColorRGB(red, green, blue)	Busylight will show the color defined by the RGB color parts. The Range for the color is 0..100.
Alert(BusylightColor, BusylightSoundclip, BusylightVolume)	Busylight will alert with BusylightColor object, Busylight SoundClip
Blink(BusylightColor,ontime,offtime)	Busylight will blink.OnTime and OffTime are in 0.1 sewcond steps.
Pulse(BusylightPulseSeqence)	Busylight will Pulse, defined in the BusylightPulse Obect.
ColorWithFlash(BusylightColor, BusylightColor)	Busylight will Show the first color with short flashes in the second color.

Known issues to be fixed in the next release:

Adding / Removing the Busylight Device during running app