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//-----
//Global変数
//-----
//BlueJellyのインスタンス生成
var ble = new BlueJelly();
//LED状態保持
var Led_value = 0;

//-----
//ボタンが押された時のイベント登録
//-----

//デバイス接続/切断処理
document.getElementById('connect').addEventListener('click', function() {
    ble.scan('Sw_state');
});

document.getElementById('disconnect').addEventListener('click', function() {
    ble.reset(); //reset is disconnect & clear
});

//スイッチ読み込み/Notify設定
document.getElementById('readdata').addEventListener('click', function() {
    ble.read('Sw_state');
});

document.getElementById('startnotify').addEventListener('click', function() {
    ble.startNotify('Sw_state');
});

document.getElementById('stopnotify').addEventListener('click', function() {
    ble.stopNotify('Sw_state');
});

//LED制御処理
document.getElementById('io32').addEventListener('click', function() {
    if ((Led_value & 0x02) == 0) {
        Led_value = Led_value | 0x02;
    }
    else {
        Led_value = Led_value & 0xFD;
    }
    led_disp(Led_value);
    ble.write('Led_state', [Led_value]);
});

document.getElementById('io33').addEventListener('click', function() {
    if ((Led_value & 0x01) == 0) {
        Led_value = Led_value | 0x01;
    }
    else {
        Led_value = Led_value & 0xFE;
    }
    led_disp(Led_value);
    ble.write('Led_state', [Led_value]);
});

//-----
//LED状態表示
//-----
function led_disp(value) {
    if (value == 0) {
        document.getElementById('io32').innerHTML = 'I032_ON';
        io32.style.backgroundColor = "blue";
        document.getElementById('io33').innerHTML = 'I033_ON';
        io33.style.backgroundColor = "blue";
        document.getElementById('io32_state').innerHTML = 'OFF';
        document.getElementById('io33_state').innerHTML = 'OFF';
    }

    else if (value == 1) {
        document.getElementById('io32').innerHTML = 'I032_ON';
        io32.style.backgroundColor = "blue";
        document.getElementById('io33').innerHTML = 'I033_OFF';
        io33.style.backgroundColor = "red";
        document.getElementById('io32_state').innerHTML = 'OFF';
        document.getElementById('io33_state').innerHTML = 'ON';
    }

    else if (value == 2) {
        document.getElementById('io32').innerHTML = 'I032_OFF';
        io32.style.backgroundColor = "red";
        document.getElementById('io33').innerHTML = 'I033_ON';
    }
}

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        io33.style.backgroundColor = "blue";
        document.getElementById('io32_state').innerHTML = 'ON';
        document.getElementById('io33_state').innerHTML = 'OFF';
    }

    else if (value == 3) {
        document.getElementById('io32').innerHTML = 'IO32_OFF';
        io32.style.backgroundColor = "red";
        document.getElementById('io33').innerHTML = 'IO33_OFF';
        io33.style.backgroundColor = "red";
        document.getElementById('io32_state').innerHTML = 'ON';
        document.getElementById('io33_state').innerHTML = 'ON';
    }
}

//-----
//ロード時の処理
//-----
window.onload = function() {
    //初期の文字列表示
    document.getElementById('device_name').innerHTML = "No Device";
    document.getElementById('io25_state').innerHTML = "No Data";
    document.getElementById('io26_state').innerHTML = "No Data";
    document.getElementById('io32_state').innerHTML = "No Data";
    document.getElementById('io33_state').innerHTML = "No Data";
    document.getElementById('io32').innerHTML = "No Data";
    document.getElementById('io33').innerHTML = "No Data";

    //UUIDの設定
    ble.setUUID("Sw_state", "77920fa2-1586-4de5-adc0-4eebe0861350", "8f47052e-907e-4824-9300-368fa08fadaa");
    ble.setUUID("Led_state", "77920fa2-1586-4de5-adc0-4eebe0861350", "17b65d0f-c42f-4cf5-9159-8fc71fb52b96");
}

//-----
//Scan後の処理
//-----
ble.onScan = function(deviceName) {
    //HTMLに表示
    document.getElementById('device_name').innerHTML = deviceName;
    ble.read('Sw_state'); //デバイスとコネクト直後に今のスイッチ状態と
    ble.read('Led_state'); //LEDの状態を読み込み、Webページ上に反映
}

//-----
//Read後の処理：得られたデータの表示など行う
//-----
ble.onRead = function(data, uuid) {
    //取得したデータがスイッチ情報の場合の処理
    if (uuid == "Sw_state") {
        value = data.getUint8(0); //取り込み

        if ((value & 0x02) != 0) {
            //HTMLに値を表示
            document.getElementById('io25_state').innerHTML = 'ON';
        }
        else if ((value & 0x02) == 0) {
            //HTMLに値を表示
            document.getElementById('io25_state').innerHTML = 'OFF';
        }

        if ((value & 0x01) != 0) {
            //HTMLに値を表示
            document.getElementById('io26_state').innerHTML = 'ON';
        }
        else if ((value & 0x01) == 0) {
            //HTMLに値を表示
            document.getElementById('io26_state').innerHTML = 'OFF';
        }
    }

    //取得したデータがLED情報の場合の処理
    if (uuid == "Led_state") {
        value = data.getUint8(0); //取り込み

        if ((value & 0x02) != 0) {
            Led_value = 2;
        }
        else {
            Led_value = 0;
        }

        if ((value & 0x01) != 0) {
            Led_value = Led_value | 0x01;
        }
    }
}

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    }
    else {
        Led_value = Led_value & 0xFE;
    }
    led_disp(Led_value);
}

//読み出したuuidをコンソールに表示
console.log(uuid);
}

//-----
//Reset後の処理
//-----
ble.onReset = function() {
    //HTMLに表示
    document.getElementById('device_name').innerHTML = "No Device";
}
```