

Sysbas1B

Welkom!

JavaScript / Microcontrollers / SuperCollider

OSC berichtstructuur

adres + waarde

OSC berichtstructuur

voorbeeld

“/x 50”

“/oscillator1/filter 1200.5”

“/oscillator1/gain 0.523”

“/oscillator2/filter/mode HP”

OSC berichtstructuur

waarden kunnen 3 typen zijn:

integers (0, 12, 423127, -2041)

floats (0.0333, 1.5, -50.1)

string ("LP", "on", "MIDI is ouderwets")

OSC & P5js

naar de code!

OSC & P5js

Client - verstuurt berichten

Server - ontvangt berichten

OSC & P5js

Client - verstuurt berichten

```
let client = new Client();
```

```
client.startClient("127.0.0.1",9000);
```

```
client.sendMessage("/x",5000);
```

OSC & P5js

Server - ontvangt berichten

```
let server = new Server();
```

```
server.startServer(9000);
```

```
server.getMessage(function(address, val) {
```

```
  oscReceiver(address, val);
```

```
});
```


OSC & P5js

Server - ontvangt berichten

```
function oscReceiver(address,value) {  
  if (address === "/y") {  
    y = value;  
  }  
  else if (address == "/x") {  
    x = value;  
  }  
}
```

Server - berichten verwerken

```
function oscReceiver(address,value) {  
  let split = address.split("/");  
  if (split[1] === "synth1") {  
    switch(split[2]) {  
      case "freq":  
        freq = value;  
        break;  
      case "amp":  
        amp = value;  
        break;  
    }  
  }  
}
```