

MySensors sketch basic

```
// ----- Mysensors V2 ----- //
#define MY_NODE_ID 32 /*Node ID static*/
#define CHILD_ID_R 3 /*Id Relay*/
#define CHILD_ID_B 4 /*Id Door*/

MyMessage msg(CHILD_ID_R,V_STATUS);
MyMessage msg1(CHILD_ID_B,V_TRIPPED);

void setup() { ... }
void presentation() {
  sendSketchInfo("DiDo node 32", "2.0"); /* version sketch and GW*/
}

//Mysensors save Child and Gw
present(CHILD_ID_R, S_BINARY); /*output digital*/
present(CHILD_ID_B, S_DOOR); /*input digital*/
//demande valeur du controleur
request(CHILD_ID_R, V_STATUS); /*status controleur*/
request(CHILD_ID_B, V_STATUS);
... }
void loop() { ...

// send(msg.set(value==HIGH ? 1 : 0)); /*Relay
  send(msg1.set(value==HIGH ? 1 : 0)); /*Door
...}

void receive(const MyMessage &message) {

  if (message.type == V_STATUS) //V_STATUS ancien V_LIGHT
  {
    state = message.getBool ();
    digitalWrite(RELAY_PIN, state?RELAY_ON:RELAY_OFF); /*Change relay state*/

    if (message.getType()==V_STATUS)
    {
      //digitalWrite(message.getSensor() - RELAY_PIN, message.getBool()?RELAY_ON:RELAY_OFF);
    }
  }
}
```

Node 32 - digital i/o

Node Details

Details Edit Sleeping Queue

Sources

Source ID	Name
3	relay
4	door

Details

ID
338e6200-6c00-4848-8d5e-067f4c7f2f58

Gateway ID
GWusb0

Node ID
32

Name
DiDo node 32

Status
🟢

Relay

Source Details

Details Edit

Fields
No data

Details

ID
826f99f9-48b3-4cde

Gateway ID
GWusb0

Node ID
32

Source ID
3

Name
relay

Last Seen
2 hours ago

Door

Source Details

Details Edit

Field ID	Name	Metric Type
V_TRIPPED	V_TRIPPED	binary

Details

ID
284d909a-b5c7-460a-89be-2860428b813b

Gateway ID
GWusb0

Node ID
32

Source ID
4

Name
door

Last Seen
a minute ago

Relay

Source Details

Details Edit

Configure via: Form View YAML View

ID * 826f99f9-48b3-4cda-90eb-34636ad1b4fd

Gateway * GWusb0

Node ID * 32

Source ID * 3

Name * relay

Labels

Key	Value
ms_node_id	32
ms_sensor_id	3
ms_type	3
ms_type_string	S_BINARY
name	relay

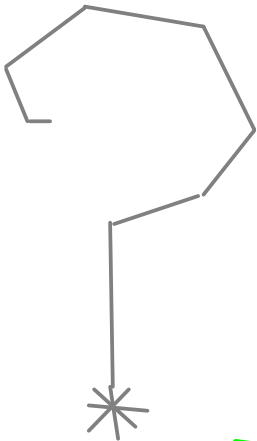
Save

Reload

Cancel



No Field



Door

Source Details

Details Edit

Configure via: Form View YAML View

ID * 284d909a-b5c7-460a-89be-2860428b813b

Gateway * GWusb0

Node ID * 32

Source ID * 4

Name * door

Labels

Key	Value
label_name	door
ms_node_id	32
ms_sensor_id	4
ms_type	0
ms_type_string	S_DOOR



Field Details

Details Edit

Configure via: Form View YAML View

ID 477e2cd9-1d19-44db-a171-9da98a8bc270

Gateway * GWusb0

Node ID * 32

Source ID * 4

Field ID * V_TRIPPED

Name * V_TRIPPED

Unit

Metric Type * Binary

Labels

Key	Value
ms_node_id	32
ms_sensor_id	4
ms_type	16
ms_type_string	V_TRIPPED

Value Formatter