

WSN software group

Tinyos programming



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Interval



- Steeds error in onze sql statements
- Byte 11-12: interval

Resultaat



date	Time	Broadcast ...	address	packetlen...	channel	version	interval	mote ID	counter	Data
2007-10-05	13:48:59									0.84163 V
2007-10-05	13:49:00									0.96394 V
2007-10-05	13:49:01									1.02312 V
2007-10-05	13:49:02									1.18052 V

Select COM-port:

Select Mote-ID:

Mote Function:
Voltage
Humidity
Temperature

generate random data

Uitbreidingen (1)



- Combobox voor COM-poort te selecteren
- origineel

```
//We 'build' a source string  
    source = "serial@com4:telosb";
```

- nu

```
//We 'build' a source string  
source = "serial@" +  
    comCombo.getSelectedItem().toString() + ":telosb";
```

Uitbreidingen (2)



- Combobox voor type meting te selecteren
- 3 methods toegevoegd
 - private String voltage(double av)
 - private String temperature(double av)
 - private String humidity(double av)

Uitbreidingen (3)



- Mote selecteren en data filteren op keuze van mote
- Tekstveld voor mote selectie
- Select statement aangepast

```
String qselect = "SELECT * FROM data";  
if(!moteText.getText().equals(""))  
    qselect += " WHERE mote_id='" + moteText.getText() + "'";  
qselect += " ORDER BY date, time ASC";  
rs=stmt.executeQuery(qselect);
```



Applaus & vragen