

ATMEGA 32U4  
(C/C++)

Raspberry Pi  
(PHP / SQL)

Reading data  
from smart meter



Converting  
Data



HTTP  
Post Request

HTTP Post  
Via WiFi



Receiving  
Post request

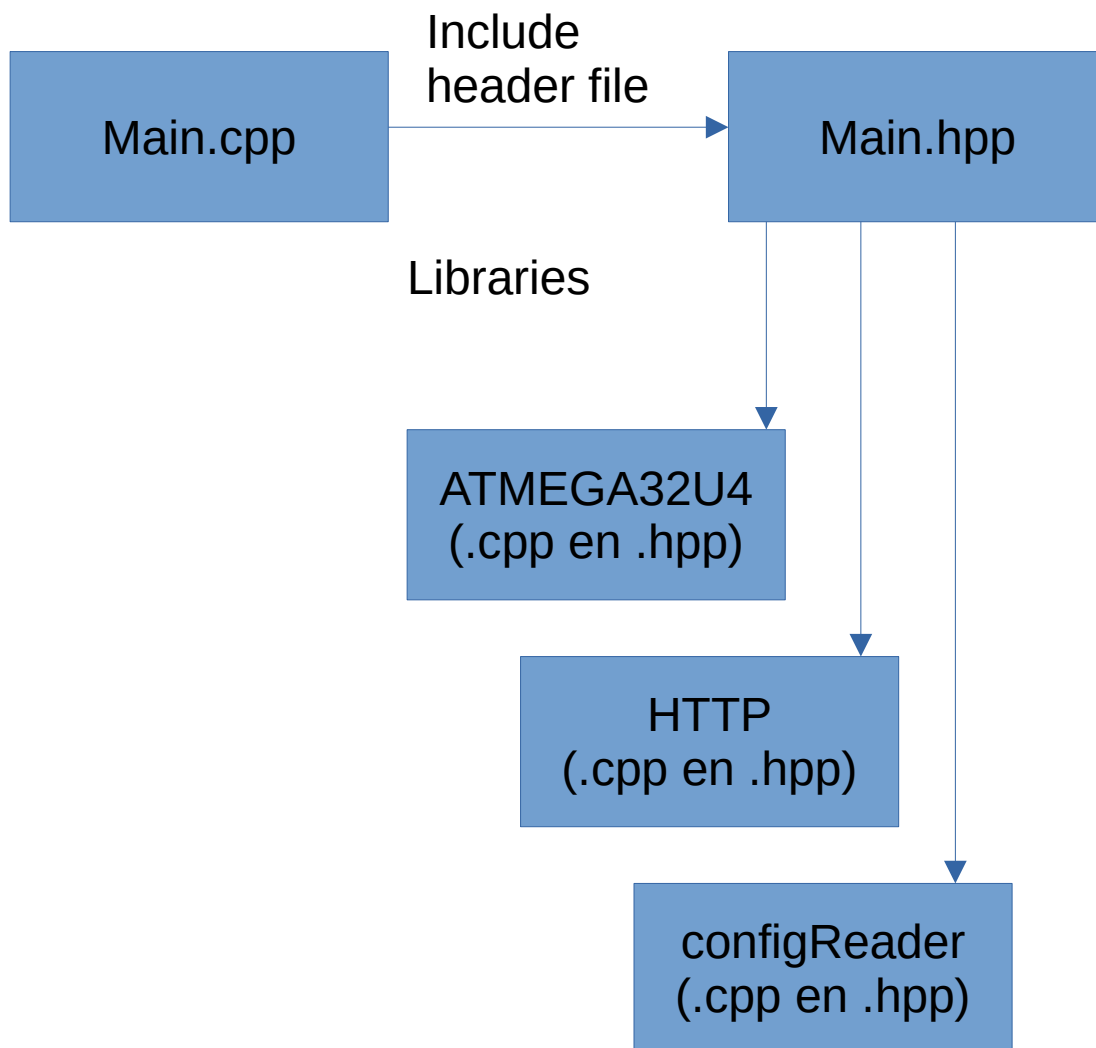


Verifying  
API Key



Writing data  
to database

## Opbouw sensor programma



Raspberry Pi  
(PHP / SQL)

WiFi display

Wait 1 minute  
or change  
in mode

Receiving  
HTTP  
Get request

HTTP GET  
Via WiFi

Selector  
Parameter

Selector  
To  
Query

Run  
Query

Edge Case  
Detector

HTTP GET  
return  
Payload

Payload String  
to Int array

Drawing Graph

