

**Weather23k**

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# Intention

This project “weather23k” I developed since a couple of years.

I prefer running linux on my computers so I can't use “heavyweahter” that was included in the WS2300 package I bought. I needed to write my own application to get the weather data to my homepage.

I searched thru the internet and found the “open2300” library what was the solution I needed.

I implemented a small application around it.

First I ran it on a PC but this consumed a lot of power when running 7/24. So I switched to a small alix PC.

When announced the Raspberry Pi would be the perfect solution and I got some of these.

But the compilation of “open2300” library was very slow on the RaspPi. Therefore I decided to develop a completely new application. It should use the basics of “open2300” but not include it's powerfull gadgets. And it will be done for linux only!

So “weather23k” has following features to keep it small and simple :

- read data out of a WS2300 compatible weather station
- push current data as text to a web server
- push data to a log file on a web server
- configurable via a config file
- no GUI
- linux only
- C coded
- no framework needed
- code as small as possible
- open source