Aspire :: OSGi Bundles :: LaCrosse 23xx Weather Station
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This section describes the bundle for LaCrosse 23xx Weather Station sensors

1 Context

The LaCrosse 23xx Weather Stations (2350, 2355, 2357) are Serial weather stations (a Serial-to-USB adapter is provided in the pack).

The WS2300Producer bundle registers one Producer service producing Measurement, Double or String objects (unit is K) for indoor/outdoor temperature, indoor/outdoor humidity, pressure, wind direction, wind force, rain, …

2 Dependencies

This bundle requires :

- RXTX

3 Build

3.1 Sources

- trunk/bundles/sensors/ws2300producer/

4 Felix command

The bundle provides also a command for Felix

```
-> ws2300 help ws2300 help : display this help ws2300 all <port> : get all data-> ws2300 all
COM19 Current time: Fri Jul 23 10:26:01 CEST 2010 Current indoor temp: 23.1 Current outdoor
temp: 19.0 Current indoor hum: 1.54 Current outdoor hum: 0.8 Current wind speed: 2.8 Current
wind dir: 270.0 W Current total rain: 1175.33 Current abs pressure: 982.6
```

5 Links

- WS2300 protocol : http://perso.wanadoo.fr/claude.ocquidant/autrespages/leprotocol/protocol-eng.htm

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