



*Data Turbine Android Sensor Pod
Taiwan Forest Research Institute
(TFRI)*

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Project Proposal

- ▶ This project will assist researchers at the Taiwan Forest Research Institute (TFRI) in developing and testing an environmental monitoring system based on the Android platform and the DataTurbine software.
- ▶ As for my part, I will focus on integrating a weather station at the TFRI research station with the DataTurbine Android Sensor Pod developed by my mentor's research group at UCSD.

Progress: From the lab to the roof!!!

- ▶ Visited the super computer center at TFRI
- ▶ Test the board with a solar panel, car battery and solar charger
- ▶ Add/Powered an external microphone to the board
- ▶ Bought another car battery



Goals for next week



- ▶ Work on possible design ideas for the protected box
- ▶ Analysis the design using the FreeCAD software
- ▶ Have a schematic drawing of the circuit for a more clear documentation
- ▶ Continue testing by adding the second battery

Culture



Boba in hand,
Lets ride!



Chinese Medicine Soup



Wulai!!



These Eggs are Awesome!



Did you know...

In Chinese tradition, the newborn's parents would give relatives and close friends gifts of 'Glutinous Oiled rice' (油飯). A present of celebrating the first month of a newborn baby.

I tried this delicious dish at Jingmei night market, where it's served as a common snack.

