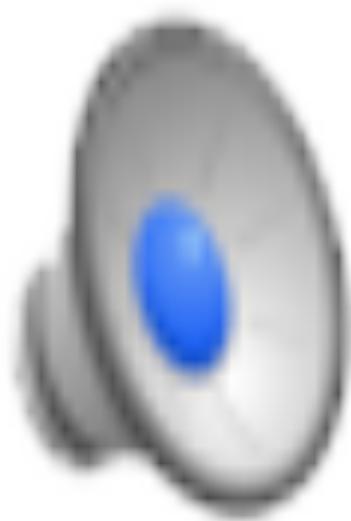


OSHW in Humanitarian Applications

Akiba
FreakLabs, Tokyo Hackerspace

OSHW and Humanitarian Apps

- Why do humanitarian applications need OSHW?

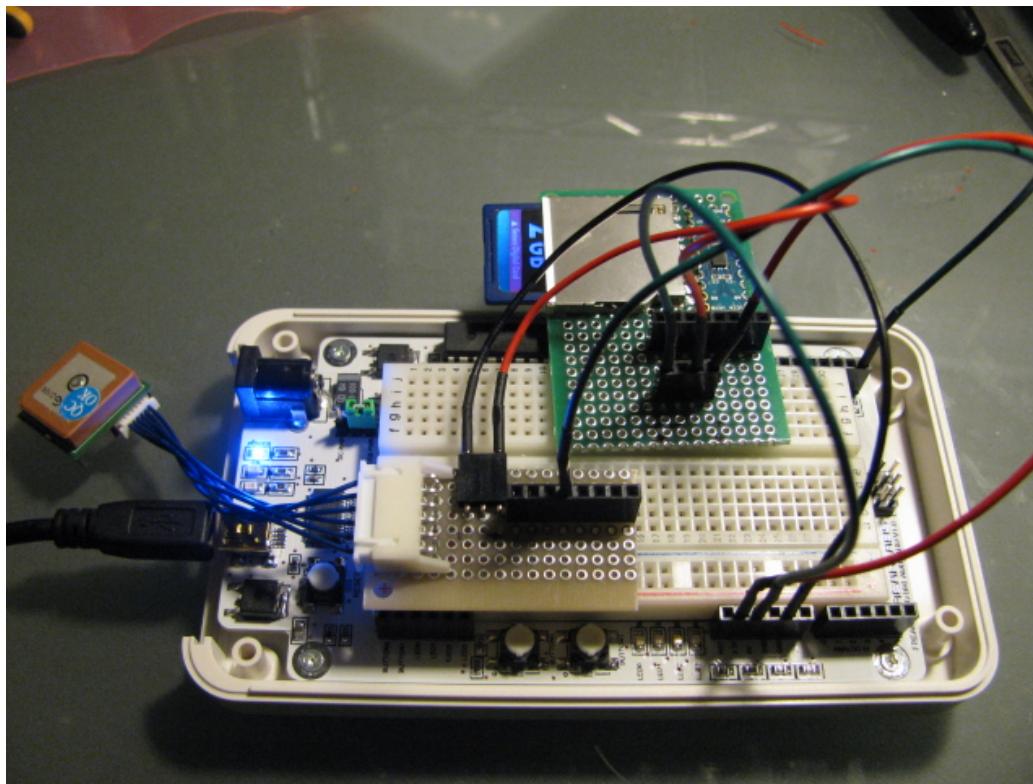




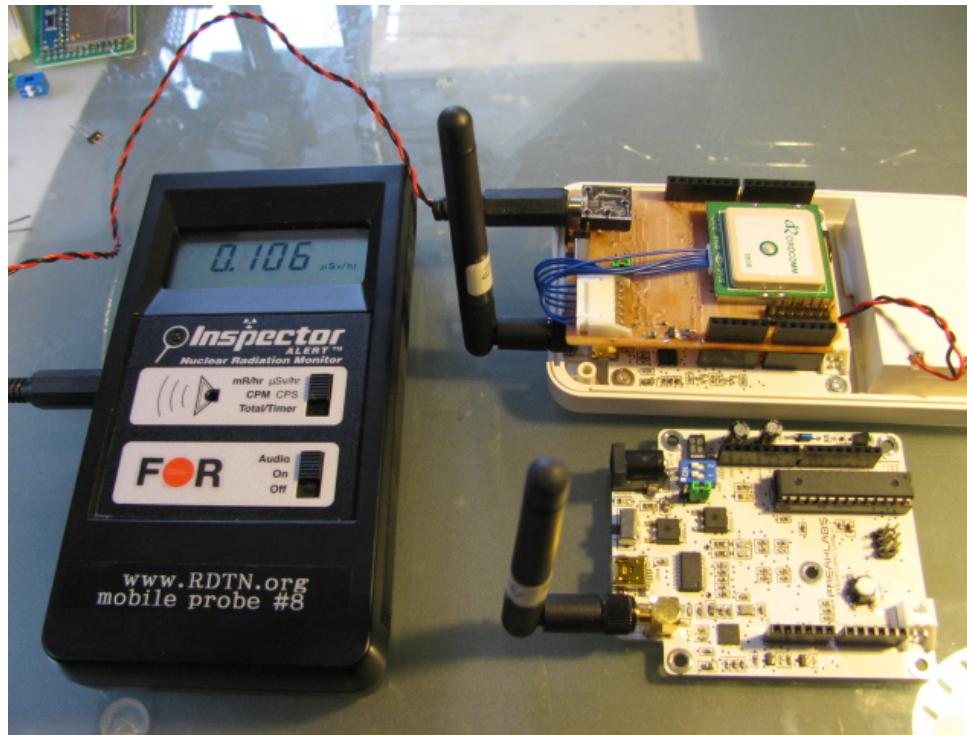
bGeigie



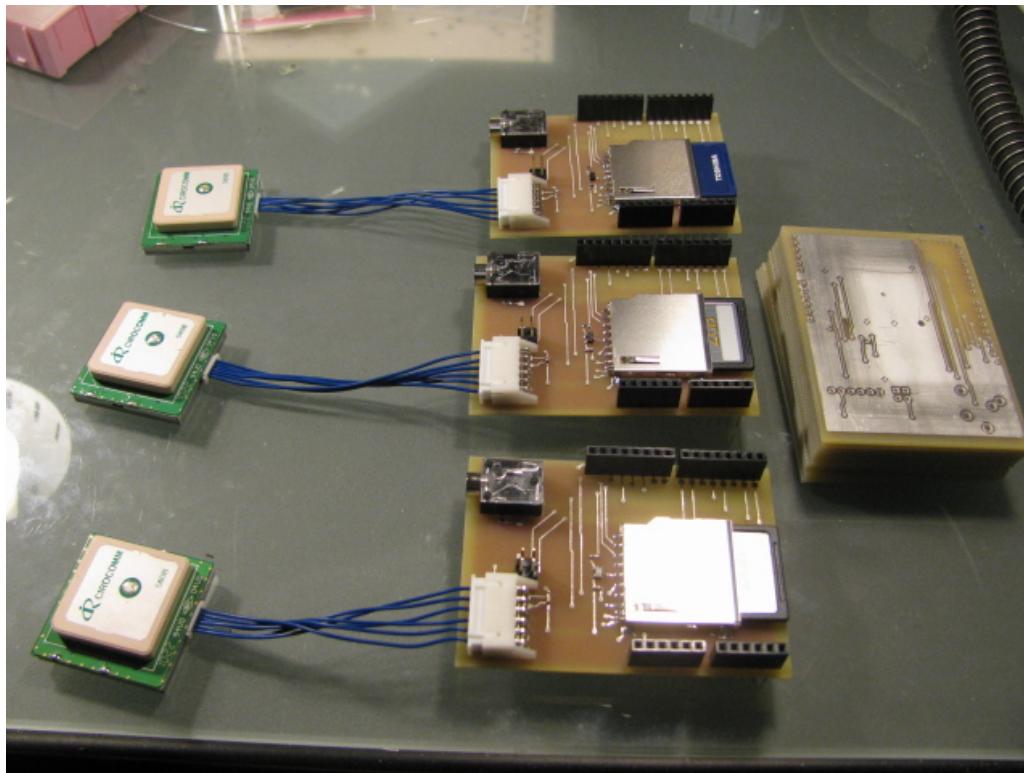
bGeigie



bGeigie



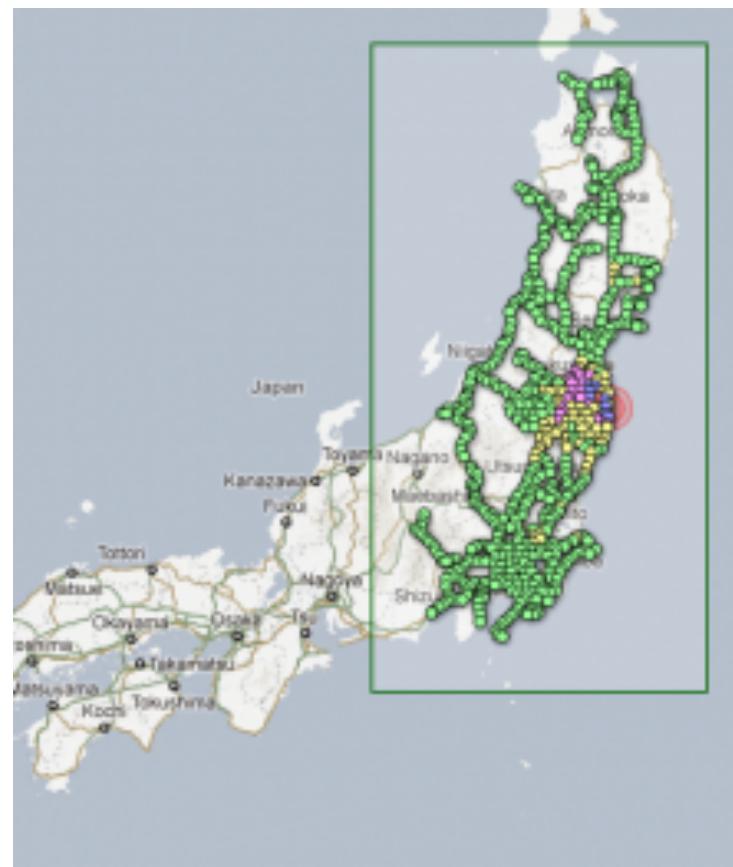
bGeigie



bGeigie



bGeigie



bGeigie

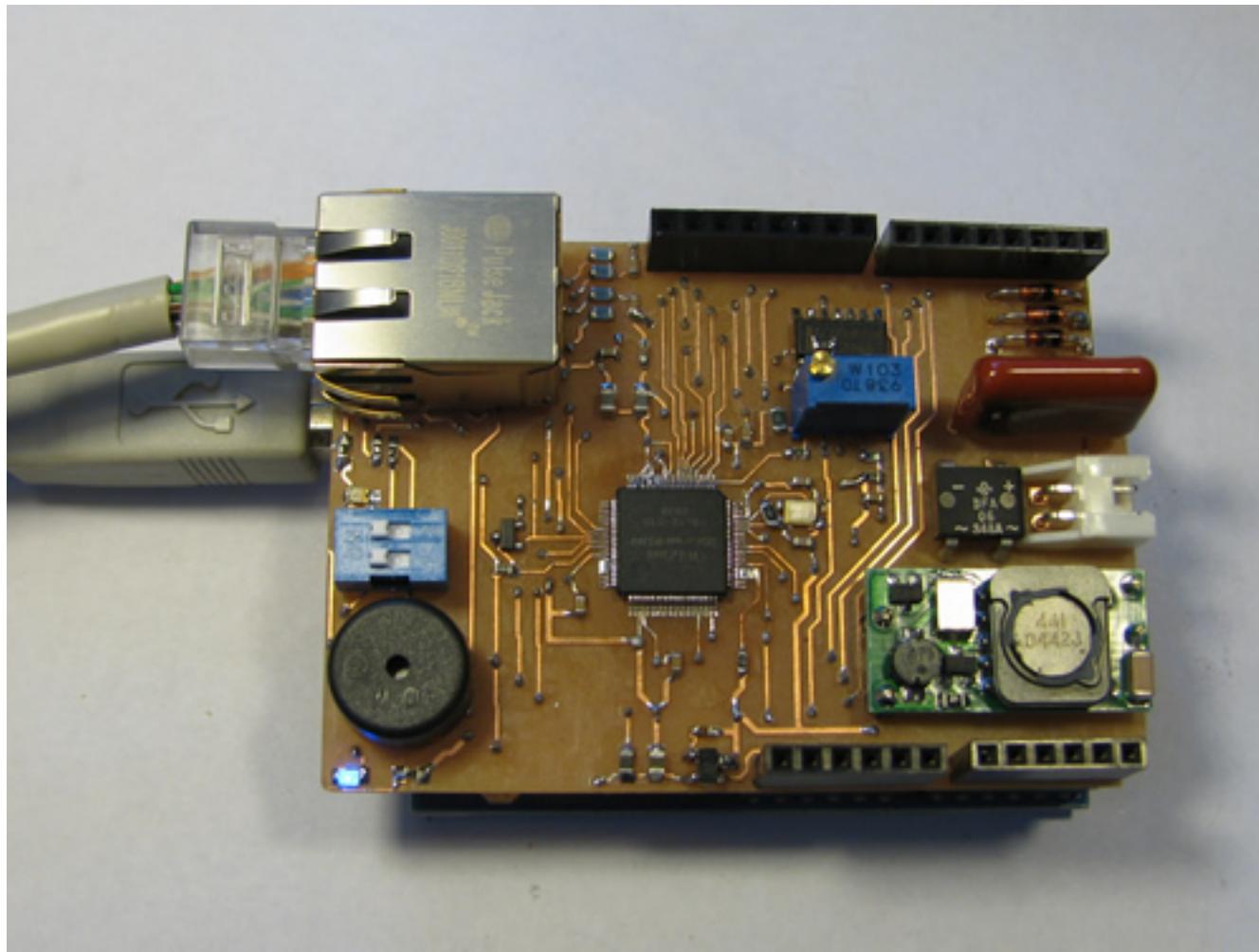
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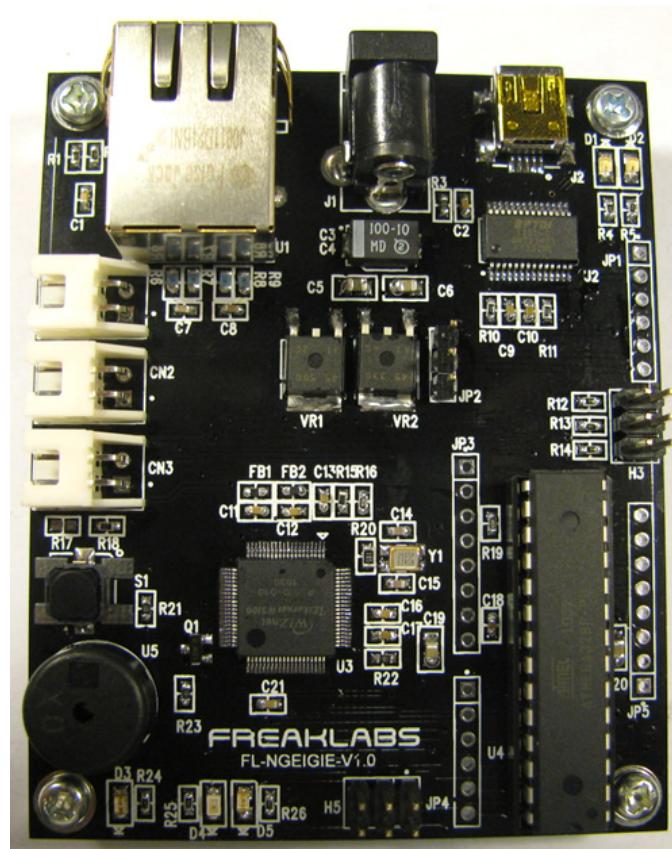
bGeigie

- <https://github.com/freaklabs/bGeigie>

nGeigie



nGeigie



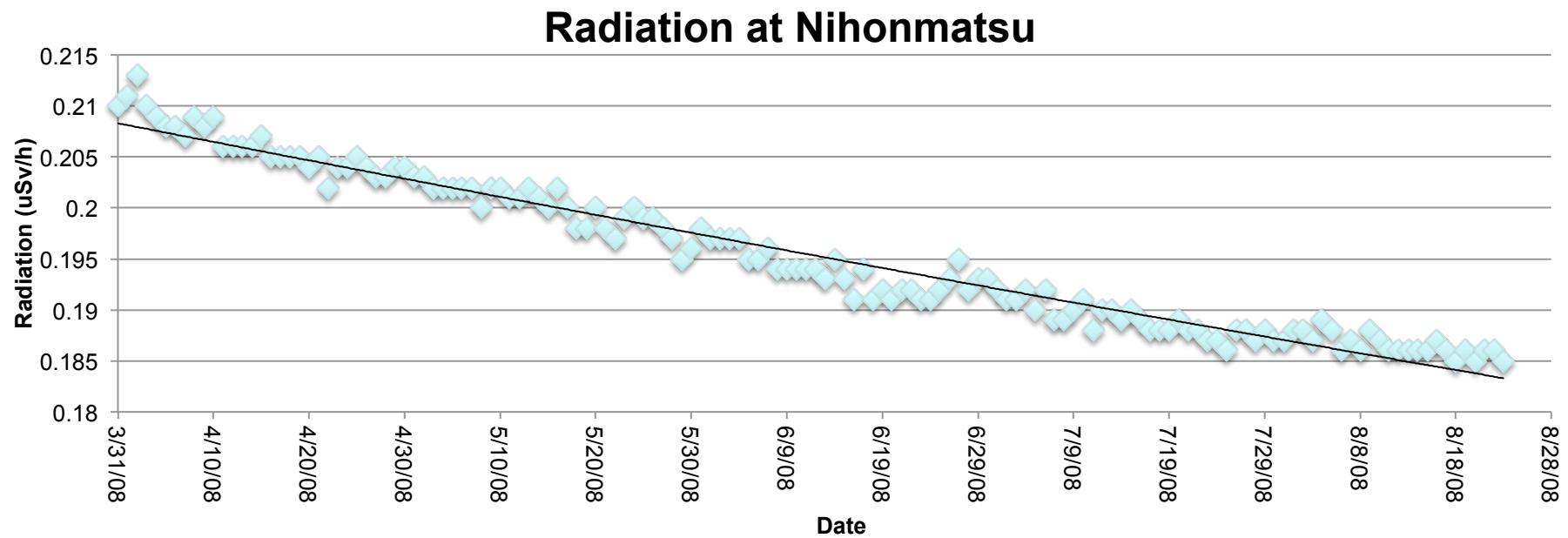
nGeigie



nGeigie



Time Series Change



- Open data, publicly downloadable
- Already basis of academic research and papers

nGeigie

- <https://github.com/freaklabs/nGeigie>
- <http://radiation.yahoo.co.jp>

Arashi – Weather Monitoring

Gaps in the weather map

The location of the world's key weather stations shows huge areas where information is not gathered



SOURCE: WORLD METEOROLOGICAL ORGANISATION

Arashi



Arashi

- Joint Project through UNESCO
- Open weather monitoring
- <https://github.com/freaklabs/Arashi>

Thank You!

- A big thank you to the OSHW community!
- None of this would have been possible without everybody's help and contributions
- Questions?