



GreenHouse

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Presentation



- Improve production efficiency
- Protect crops by helping keeping the right environnement
- Sensors must be moveable, autonomous and resistant



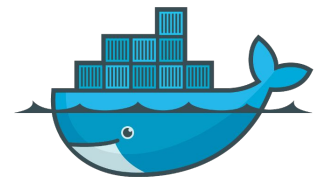
Our solution



- A water resistant box including all the sensors
- Out of the box setup

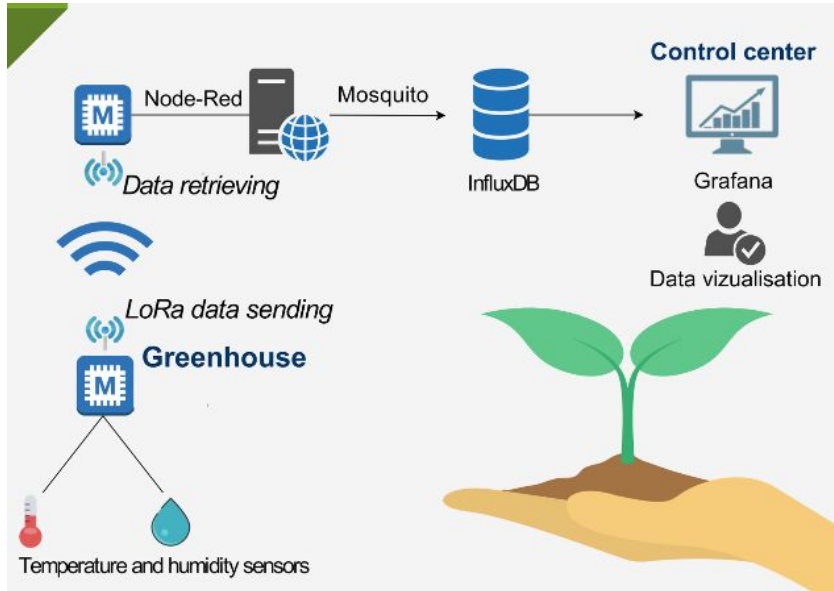


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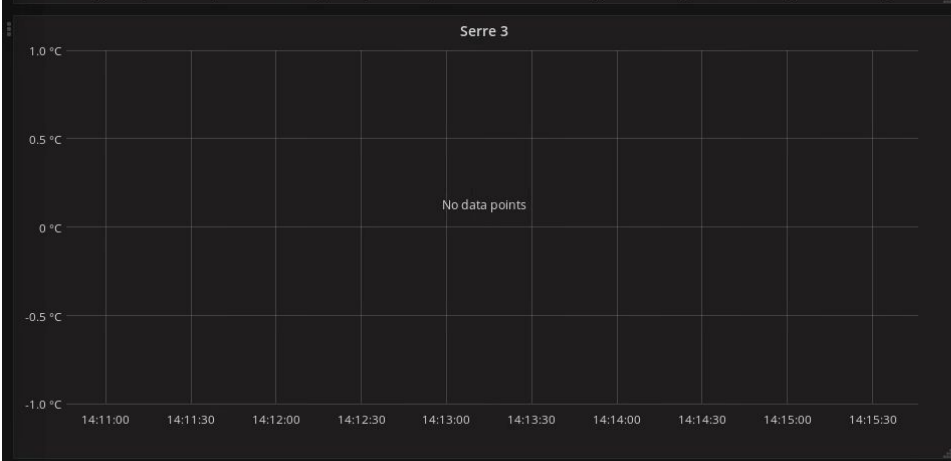


docker

Information flow



- Modularity of the installation
 - Internet is down at night
 - Client/server architecture
- Important range
- Open source



Farm visit



- Integration
- Live fix
- Contact exchange

"Anything that can go wrong, will go wrong."

Murphy's Law

Improvements



- Protocol must be upgraded to address more sites
- Versionning
- Reliability
- Longevity test on the SD card
- Storage estimation
- Handshake solution with LoRaWAN
- Integration tests

Conclusion / Question ?



- Team work
- Opening to IOT
- Setup installed

