Meeting Minutes

Project Molecule

18 September 2016

May1739

We lost someone to space computers

Gitlab update - D

Prof meeting at 6pm Tuesday Durham Room:TBD - R

**Project specs discussion - All**
- Low power unix solution - Pi
- Standardized API for packages in C style
- Main binary API
- Ability to insert web tools, with standardization of UI comps
- Dynamic UI generation from config file from vendors
- Default features are written as extensions
- Load and delete plugins
- Permission systems for plugins, can deny specific permissions
- General Permission settings (deny globally a certain permission)
- Maybe sandbox processes? usergroup, cgroup, docker, special user
- Synchronize files (need more research!) - git?
- Each node has a public key and can post IP address to each other, when adding nodes to the system use a short hand to add public key.
- - How will concensus work to understand right and wrong?
- Nodes have permission for actions
- Trust No one but yourself, ask your neighbors if someone is safe
- encrypt and sign messages for double encrypt messages
- Rust for backend
- [Node.js](http://node.js/) and JS for front-end

Health to money exchange universe - RD

Confusion on schedule
but meeting tuesday before 1:15 - 2

Ordering Pi? 8 sounds best

Need to design API eventually - next few weeks
Decide 4 use cases per person and decide what API calls are needed for them

**Determine Next Steps**
- Meet with Advisor
- Do report
- do research on things we dont know

**Determine Use cases:**
Media Server - play
Light Control - on
Scheduler - make plan,
ifthisthanthat