Which devices/tools/algorithms would you like to connect to middle layer ?

Observables (Read Only)
- BPM, Current, Beamloss, Beam spot (transverse & longitudinal], Vacuum gauges
  Including archiving

Variables (Read Write):
- RF frequency & voltage, Magnet power supplies
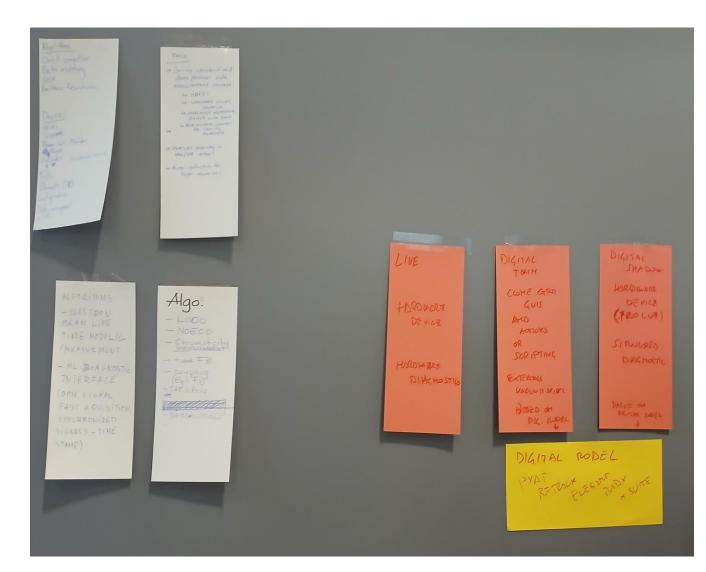
Unit conversion:
- Calibration curves
- Combined function magnets with nxm strengths/currents relationship

Algorithms:
- SOFB , FOFB configuration
- BBA
- LOCO
- Tune
- LT optimization using machine learning
- Amplitude dependent tune shift
- Impedance
- Emittance, bunch length (FWMH + calibration)

Measurements/Scan:
- ORM
- Chromaticity
- Emittance & Bunch length

Storage:
- Orbit response matrix
- Tune response matrix
- Golden points

Configuration:
- Quad for tunes
- Valid BPM
- Various element family

Abstractions:
- Control system: ECPIS, Tango, DOOCS
- Tracking code: AT Elegant

Digital twin/shadow/simulator
- Agree on terminology

Versioning control
- gitlab, github

Migration from Matlab middle layer
- Convenience functions