Data club: OSB updates

"Show and tell"

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Demo: `www.opensourcebrain.org`

OSBv1: current status

- Maintenance mode: small bug fixes, minor enhancements:
  - Ankur's Kanban board (public).
- Consolidation of infrastructure on Google Cloud Services:
  - kubernetes (k8s):
    - also container based but,
    - better fine grained control of computing resources.
  - Continuous Deployment (CD) pipeline:
    - GitHub → CodeFresh → Google cloud → live!
  - MetaCell:
    - CloudHarness: cloud infrastructure manager.
  - Test OSBv1 deployment: `beta.opensourcebrain.org`.

OSBv1: future plans

Maintain until OSBv2 reaches feature parity.

- Modelling:
  - NetPyNE: Simulation and analysis.
- Experiments:
  - NWBExplorer.
- Workspaces:
  - both in one place,
  - sharing and collaboration.

http://nwbexplorer.opensourcebrain.org/

http://34.68.113.100/

OSBv2: preview

http://www.v2.opensourcebrain.org/

https://www.figma.com (evolving, not public)

OSBv2: progress and plans

- Short term (this year):
  - MetaCell's Kanban Board (public),
  - Outreach: early adopters, tweaks as per use cases,
  - OSBv1 sunset: when OSBv2 is ready enough,
- Long term (3–5 years: feature complete OSBv2):
  - MetaCell: user stories (airtable.com, not public).
- Long long term:
  - Maintenance: user support, bug fixes, security updates, infrastructure updates,
  - No end to integrations with new data sources, repositories.