Data club: OSB updates

"Show and tell"

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11/06/2020

Demo: www.opensourcebrain.org

- Maintenance mode: small bug fixes, minor enhancements:
  - Ankur's Kanban board (public).

OSBv1: current status

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- Consolidation of infrastructure on Google Cloud Services:
    - kubernetes (k8s):
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        - better fine grained control of computing resources.
    - Continuous Deployment (CD) pipeline:
        - GitHub $\rightarrow$ CodeFresh $\rightarrow$ Google cloud $\rightarrow$ live!

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    - 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.

OSBv2: the idea: closing the loop

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- Experiments:
    - NWBExplorer.
- Workspaces:
    - both in one place,
    - sharing and collaboration.

http://nwbexplorer.opensourcebrain.org/

http://34.68.113.100/

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

OSBv2: what to expect: design mockups

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

OSBv2: progress and plans

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  - Outreach: early adopters, tweaks as per use cases,
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- Long long term:
  - Maintenance: user support, bug fixes, security updates, infrastructure updates,
  - No end to integrations with new data sources, repositories.