# Data club: OSB updates

"Show and tell"

Ankur Sinha

11/06/2020

└─OSBv1

Demo: www.opensourcebrain.org

Mostly showing various bits, not too many slides needed.

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Ankur's Kanban board (public).

OSBv1: current status

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#### **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  $\rightarrow$  CodeFresh  $\rightarrow$  Google cloud  $\rightarrow$  live!

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  - MetaCell:
    - · CloudHarness: cloud infrastructure manager.
  - Test OSBv1 deployment: beta.opensourcebrain.org.

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Maintain until OSBv2 reaches feature parity

OSBv1: future plans

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Modelling:
 NetPyNE: Simulation and analysis.
 Experiments:
 NWBExplorer.

OSBv2: the idea: closing the loop

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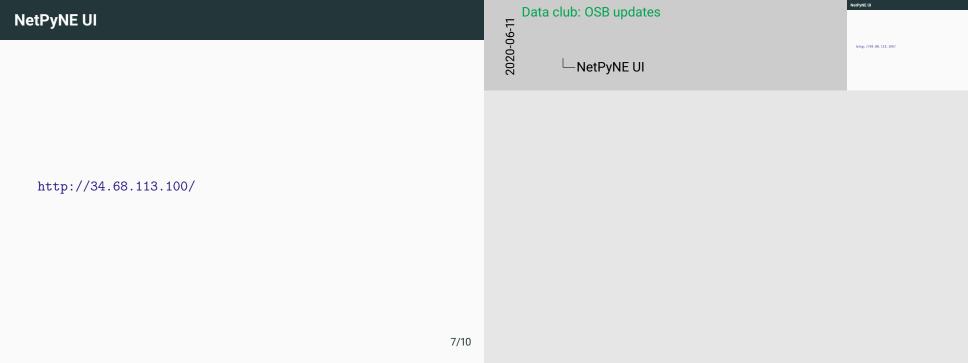
http://nwbexplorer.opensourcebrain.org/

NWBExplorer revisited

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http://nwbexplorer.opensourcebrain.org/

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└─OSBv2: preview

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

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

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OSBv2: what to expect: design mockups

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## 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,

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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.

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