

# Data club: OSB updates

“Show and tell”

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Ankur Sinha

11/06/2020

2020-06-11

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Demo: [www.opensourcebrain.org](http://www.opensourcebrain.org)

Mostly showing various bits, not too many slides needed.

## OSBv1: current status

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

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- 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!

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  - MetaCell:
    - CloudHarness: cloud infrastructure manager.
- Test OSBv1 deployment: [beta.opensourcebrain.org](https://beta.opensourcebrain.org).

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# OSBv1: future plans

Maintain until OSBv2 reaches feature parity.

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

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



<http://nwbexplorer.opensourcebrain.org/>

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└─ NWBExplorer revisited

<http://nwbexplorer.opensourcebrain.org/>

`http://34.68.113.100/`

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└─ NetPyNE UI

`http://34.68.113.100/`

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

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└ OSBv2: preview

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

# OSBv2: what to expect: design mockups

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

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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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