

Data club: OSB updates

"Show and tell"

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OSBv1

Demo: www.opensourcebrain.org

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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 → CodeFresh → Google cloud → live!
 - MetaCell:
 - CloudHarness: cloud infrastructure manager.
 - Test OSBv1 deployment: beta.opensourcebrain.org.

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OSBv1: future plans

Maintain until OSBv2 reaches feature parity.

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OSBv2: the idea: closing the loop

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

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NWBExplorer revisited

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

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NetPyNE UI

<http://34.68.113.100/>

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OSBv2: preview

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

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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,
- 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.

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