G-Node Services and Tools

Services and tools to facilitate data access, data management, and data sharing.

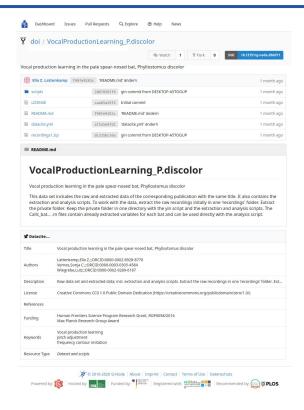**NIX** for data

odML for metadata

GIN for version control, collaboration, and data publication

G-Node projects:
g-node.github.io

G-Node Thomas **Wachtler** | Michael **Sonntag** | Achilleas **Koutsou**

GIN data hosting

Features
- Free to use
- Unlimited* storage
- Collaborative repos/datasets
- Public or private
- Web or git/ssh uploads & downloads
- Rendering for supported files
  - Structured formats: odML, JSON, YAML, Markdown
  - Media and documents: Images, Videos, PDF
- Indexing and search for text and documents

Self-hosting of independent instances: Can be set up locally (in the lab or institution)

gin.g-node.org

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GIN Services

www.g-node.org

Dataset publishing (DOI)

- Publish datasets or code hosted on GIN
- Persistent identifier for referencing
- Permanent archive of your data and/or code
- Recommended by *Scientific Data* and *PLOS ONE*

Validation service (beta)

- Automatic validation of NIX, odML, and BIDS files
- Can be easily extended to support more formats

doi.gin.g-node.org
valid.gin.g-node.org

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