New Data and Code Features in Edmond
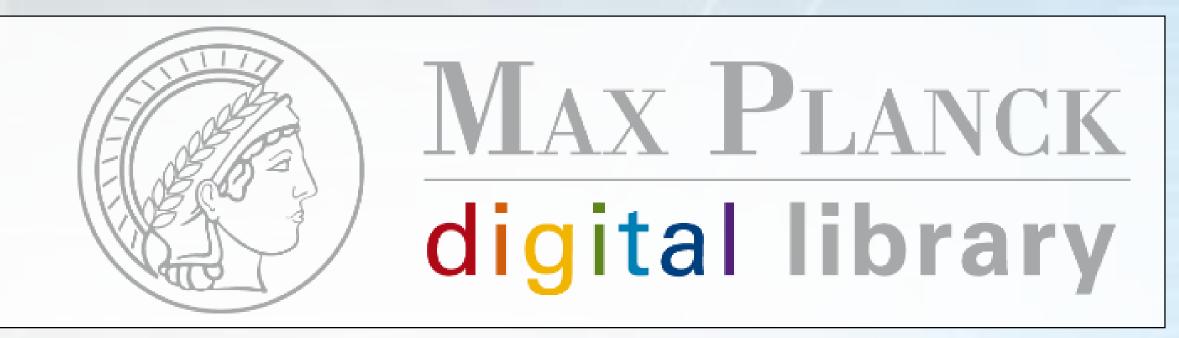## Constantly Improving the Institutional Open Research Data Repository for the Max Planck Society

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MAX PLANCK digital library

S3 Storage
- Hosted at the GWDG
- Ceph based
- Easily scalable
- High reliability due to distributed and redundant nodes

B2find
- Edmond metadata are harvested by b2find (https://b2find.eudat.eu/organization/edmond)
- Better findability of data publications in Edmond
- Display of publications in OpenAIRE Explorer

Large Files
- Direct upload to S3 storage enabled
- S3 multipart upload allows object size of up to 5TB in theory

Code Licenses
Selected software licenses available since 06/2023:
- AGPL-3.0-only
- Apache-2.0
- BSD-3-Clause
- CDDL-1.0
- GPL-3.0-only
- LGPL-3.0-only
- MIT

Versioning
- Feature for creating versions
- Citable reprocessing of published data is possible
- Versioning on dataset level (minor and major releases possible)

Autosuggestion ORCID
- Responding directly to the API
- Works fine for semi-unique names, but not Max Müller
- Support for higher author metadata quality

Edmond after the migration to Dataverse software in 02/2022

edmond.mpg.de
- New domain for Edmond in preparation
- Removal of the "mpdl" element in the domain
- Displays that Edmond is an institutional repository for the MPG

Autosuggestion ROR
- Focus on Max Planck Institutes
- Automated entry of the ROR identifier
- Support for higher affiliation metadata quality

ZIP Viewer
- Preview into ZIP Archives
- Preview for single file
- Selection for single file download
- Open Source contribution to the Dataverse community by the MPDL

Jupyter Notebooks
- Connecting Edmond to Mybinder
- .ipynb can be opened directly in Mybinder
- Example from the MPI MultiNat: https://mybinder.org/v2/dataverse/10.17617/3.VQZOV7/

Upverse
- Graphical interface for the upload of files and folder structures
- Developed by the MPDL
- Desktop application for Windows, MacOS and Linux
- https://doi.org/10.17617/1.upv23

The Dataverse® Project

EDMOND

MAX PLANCK GESELLSCHAFT