The iRODS Research Data Archive of the JGU: Introduction to its usage

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What is iRODS?

- **i**ntegrated **R**ule-**O**riented **D**ata **S**ystem

- Client-Server based Data Management Software

- Storing data at two different locations

- Fine grained access contol

What belongs in an archive?

- Raw device data

- Original data

- Final publishable data

- (zipped) (git) repositories of scripts/software

- documents/workflow to recreate research results

What belongs **not** in an archive?

- Intermediate results

- Work in progress

IRODS is not a BACKUP-System

IRODS Demo

Documentation

- https://docs.hpc.uni-mainz.de/docs/storage/irods/

- https://www.forschungsdaten.uni-mainz.de/irods-wiki/

- https://irods.org/