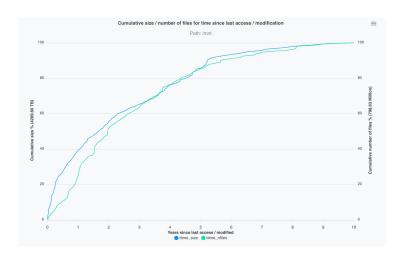
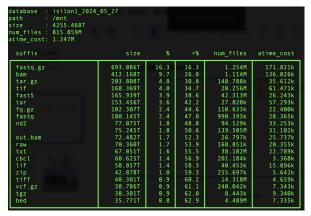
iRODS UGM 2024 Lightning Talk

Emyr James
Head of Scientific IT
CRG Barcelona
emyr.james@crg.eu

mpistat / treemap

- Distributed Istat scan of all inodes in filesystem using libcircle
- atime,mtime, uid, guid, logical size, physical size, file suffix etc.
- Data ingested into clikchouse db for each scan
- Rest api to query data with filters
- Real time aggregation in clickhouse
- Vue.js and python "tui" view
- Early version : https://github.com/CRG-CNAG/mpistat





Upcoming Job Opportunity

- Research Data Management Specialist
- Part of the Scientific IT Team (SIT)
- Bridge between SIT and the Scientists
- RDM Plans, Workflows, Metadata
- Project Management
- Work with IT Technicians to develop systems
- Help to administer systems
- Experience of working with large scale data
- Enthusiasm and evangelism for managing research data the right way



