

Data Curation & Preservation

interest group



Chair, vice chair: G.Landais, A. Muench

ACTIVITIES

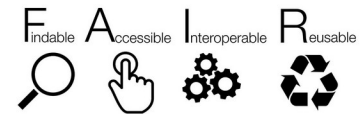
- Share knowledge and report the needs to the IVOA community
- Discuss and encourage Best Practices

Make the bridge with OPEN SCIENCES

- Needs **trustworthy** Data Centers which have to distribute **FAIR** Data
- Open Access impacts habits with an increasing interest on Data **Provenance** and Data **Citation**
- Using AI in Open Data Context

CITATION FOCUS

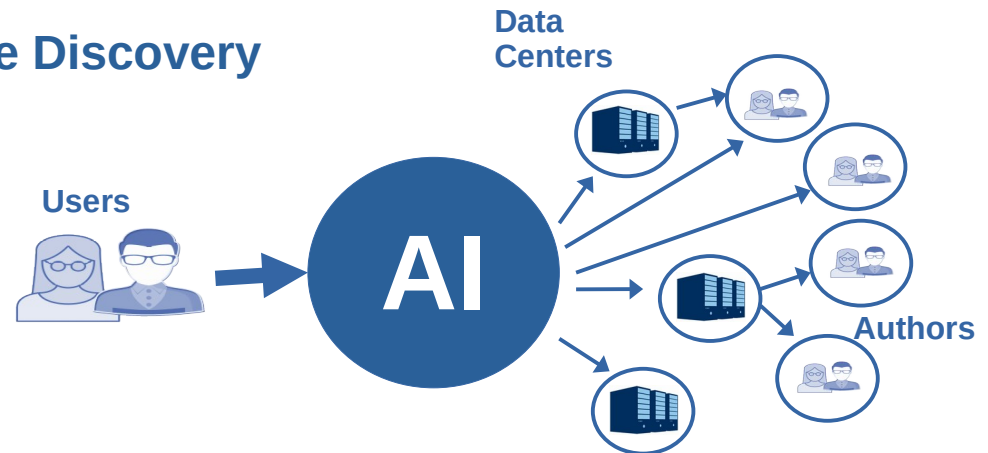
- Promote **Data Origin** in the VO (Endorsment process)
- Work on **DOI** Best Practices
- Link article with data (note Bibliographic Interfaces in the Virtual Observatory)



Using AI in Open Data Context

Common session with Knowledge Discovery

- trust the (Provenance) ?
- check copyrights ?
- credits authors ?



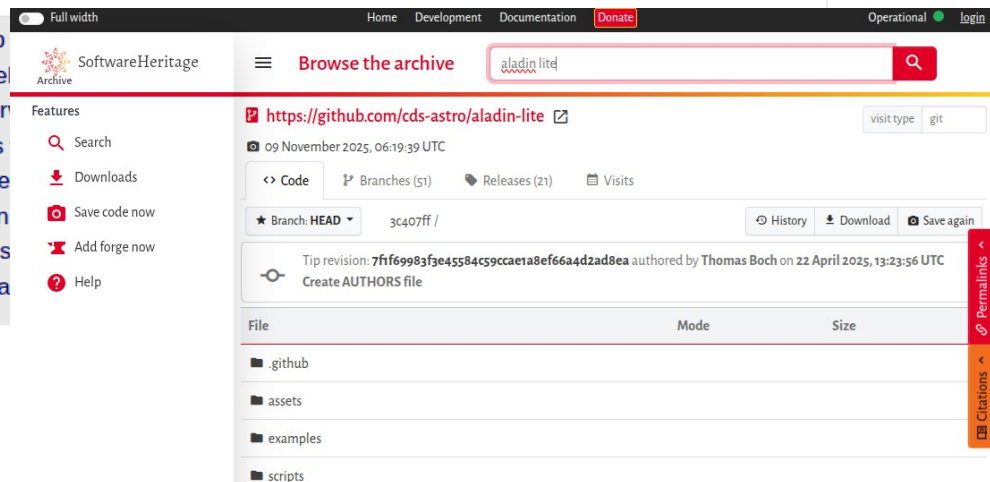
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Software Heritage

Saturday November 15 @14:00 UTC+1: Room Wichernhaus "zenith"			
Speaker	Title	Time	Abstract
Gilles Landais	Trustworthy AI (and the Eu AI Act)	10+5	Quick report on the European Artificial Intelligence act.
Thomas Aynaud (remote)	Software Heritage, project presentation and applications to AI	20+5	This talk will provide an overview of what Software Heritage is. We will highlight the data we collect and how we do that. It includes the source code and all the events that can be observed during the development process. We will then explore how to utilize and enrich this information to develop services relevant to AI and the actions we take to create a more open, responsible, and transparent AI.
Thomas Boch	First feedback on implementing MCP server to access CDS services	15+5	MCP (Model Context Protocol) is a standard aiming at connecting AI tools to external data sources. We will present the MCP server we developed at CDS, and demonstrate how it allows AI applications to access and consume data from Sesame, MocServer , HiPS2FITS , etc.
François Lanusse (remote)	Make astronomical data AI-ready across surveys: Lessons-learned from the Multimodal Universe Project	15+5	Deep model super tasks success vision very s availa



IVOA Goerlitz, 2025 - Data Curation & Preservation