

WLCG Accounting Task Force – Accounting and EOSC-hub

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EOSC-hub

- Follow on from EGI-Engage
- Part of the push towards the European Open Science Cloud
- Brings together EGI, EUDAT, and INDIGO-DataCloud
- Focus on integrating these infrastructures

Accounting Roadmap

- Near term goals
 - Add support for the Argo Messaging System
 - Enhancements to storage accounting
- Longer term goals
 - Integration with EUDAT services [see below]
 - Dataset accounting in production and interoperable with EUDAT services
 - Enhancements to cloud accounting
 - Investigate support for GPGPU accounting
 - Improve the usability of the Accounting Portal

Integration with EUDAT Services

- Enable EUDAT to send summarized accounting data from the EUDAT accounting collector to the Accounting Repository to have it displayed in the Accounting Portal
- Custom views for EUDAT should be developed in the Accounting Portal
- Deployment of a single Accounting Repository for EGI/EUDAT
- Adopt/integrate a common user interface

Accounting for HTCondor CE

- Basic condor_history parser already included with APEL parsers
- Patch submitted to us for an HTCondor CE parser – we would like to check that it's a general enough solution before merging

WLCG requirements

- Support for WLCG storage space accounting format
- Raw wallclock time
- Other?

EUDAT

- EUDAT's vision is *"Data is shared and preserved across borders and disciplines"*.
- Achieving this vision means enabling data stewardship within and between European research communities through a Collaborative Data Infrastructure (CDI), a common model and service infrastructure for managing data spanning all European research data centres and community data repositories.