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Data management –best practices and requirements

Identifying, implementing and operating efficient and scalable data management and processing structures is one of the biggest problems one has to face when using a distributed computing infrastructure. These require robust software services with flexible integration and customisation facilities for both system administrators and end users.

The middleware software stacks hosted on the European Grid Infrastructure provide several services for data (and metadata) management. Members of the European Grid Infrastructure collaboration have long-running experience of using these services and extending, integrating, customising them for generic or community-specific data processing use cases.

This workshop will provide a forum for the developers and operators as well as existing and emerging users of these service to exchange experiences, requirements and best practices concerning the data-related services of EGI. The workshop will be coordinated by the User Community Support Team (UCST) of EGI.eu, the team that is responsible for the gathering and analysis of user requirements in EGI. By bringing the main stakeholders of data-related services together, UCST aims to capture requirements for the next generation of software services that should be provided within EGI.

The workshop will consist of 3 x 90 minute long sessions. The first session is to be filled by presentations given by EGI technology providers on the status and roadmaps of data-related middleware services. The second session will be filled by presentations from VRCs focusing on best practices and issues that these communities have. The third session will be allocated for discussions –the aim is to capture the details of existing best practices and to collect details about community requirements concerning data services.

Duration (90min sessions)

3 x 90 minutes

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