

New storage and Cloud computing services proposed by France Grilles

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Small and medium scientific communities acquire more and more data and the availability of e-Infrastructures for managing and analysing these data is essential for providing new scientific results in a timely manner. To address these needs, the french NGI France Grilles, which operates the national production grid infrastructure, has started two projects in 2013: FG-iRODS and FG-Cloud. They aim at federating distributed storage and computing resources. These initiatives became a reality and France Grilles, in addition to the already existing grid and DIRAC service, is offering now two new services to the french scientific community:

* A federated and distributed storage infrastructure based on iRODS

* A federated IaaS Cloud

In this contribution, an overview of each project will be given, including the technical infrastructure, the roadmap and the coming developments. Use case of these services will also be presented.

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