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Enabling Grids for E-sciencE

DILIGENT: from documents into computers to content across e-Infrastructures

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www.eu-egee.org

Information Society and Media

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- **Ignacio Blanquer Espert – Bioinformatics Researcher**
  - He participated in Healthgrid project and contributed to the roadmap for an EU Healthgrid.

- **Tamas Hauer – Health-e-child project,**
  - He's contributing to user requirements specifications and biomedical knowledge representation

- **Frederica Darema – NSF Senior Advisor**
  - She is the Senior Science and Technology Advisor at CNS and CISE, and Director of the Next Generation Software Program

- **Pasquale Pagano – CNR/ISTI, DILIGENT Technical Manager**

- **DILIGENT demonstrated**
  - that grid-enabled infrastructures improve the support to any Virtual research Community
  - Scientific data (the very eScience) and images and documents (the so-called eArts and eHumanities) can be managed in a similar way

- **DILIGENT provided gCube, an application framework,**
  - Based on a set of second-level grid services that reduce the effort in managing WSRF resources and improve the capabilities of a grid-based infrastructure (the so-called COLLECTIVE LAYER)
  - A superset of basic WSRF services that can support in creating Digital Libraries for managing and sharing any type of content (a generic data model was also defined)

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- **Could a unique e-Infrastructure be conceived to support eScience, eArts and eHumanities?**

- **Is it credible that Virtual Research Communities collaborate on sharing any type of data?**

- **No security or privacy issues ? (see pharmaceutical research) – How to deal with data in business-driven research?**

- **What should be the next steps for having a strategy/roadmap for developing such e-Infrastructure?**

- **Should such e-Infrastructure be an EU or Global initiative?**

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www.diligentproject.org