



Contribution ID: 166

Type: **Demonstration**

Medical Data Manager graphical interface: a medical browser for the EGEE grid

Please indicate your preferred day to give a demo.

We will appreciate to make our demonstration Tuesday, 22 September. But anyother day will be fine.

Project(s) or EGEE activity presenting the demo or poster (project or activity names only)

User Community Expansion and Support : NA4

Special requirements other than the set up mentioned in the CfA text.

None

Abstract

The new graphical interface of the Medical Data Manager (MDM) enables to search for medical images in DICOM compliant systems such as a PACS (Picture Archiving and Communication Systems) throw the EGEE grid. The complexity of the MDM is hidden by the graphical interface that gives an easy way to search for patient information or medical pictures from multiple medical site as radiology enterprise, hospital or medical image analysis site. To ensure the strong medical data protection required, the MDM, developed in the context of the EGEE project, uses gLite components to enable strict data access control and encryption. The graphical interface is completed by the Moteur workflow engine that runs complex medical workflows on the grid and the VisioNeuroLog software of Visioscopie that provide a professional DICOM viewer.

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