

ICENI: Optimising Component Applications within a Grid Environment

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This presentation will discuss ICENI (the Imperial College e-Science Networked Infrastructure), a platform independent Grid middleware framework that uses open and extensible XML derived protocols, implemented using Java and Jini, to explore effective application execution upon distributed federated resources. It captures and exploits meta-data relating to the structure and behaviour of the applications, the capability of the computational and networking resources, and the availability and access to these resources by an individual, a group or an organisation.