



**Maintaining a sustainable Future
for IT in Higher Education**

Thursday 16th June 2011

Time: 11:00 - 11:30

Build Once, Use Many: How to Recycle Enterprise Components to Offer New Online Services

Speaker: Federico Gallerani, Cineca

Abstract:

Universities are committed to deliver new services and reduce costs connected to infrastructures. This work illustrates the model that Cineca has adopted to take advantage of university IT assets to create new value added services. The attention is shifting from IT infrastructure integration to mash-up of different sources to create new composite services. The result will be a new breed of services that adds value enabling final users to perform something completely new. Consequently Cineca conducted a survey to compose a catalogue of basic "public services" exposed by U-GOV, the Cineca integrated information system which includes student, research, HR and financial applications. These services can be accessed "as-they-are" through the university Enterprise Portal, or can be used to build new composite services through Cineca service integration platform, UniService. The following are some examples from the catalogue of the basic public services offered:

Research:

- Publications repository
- Publications assessment
- Research asset catalogue

Students/teaching:

- Course guide
- Student career analysis
- Student booklet
- Student statistics



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- Examination calendar/reservation/results
- Study plan
- Student certificates
- Student registration

Staff:

- Curriculum
- Skill self assessment
- University address Book
- Internal training course catalogue
- Training courses assessment (satisfaction questionnaires)
- Facility and room booking
- Purchase request
- Travel authorization

Information and services managed by U-GOV can be exposed in different forms:

- Database logic views;
- Web Services;
- Entire web applications that can be incorporated by the portal;
- Portlets in the future;