

# Europass CV and HR-XML Application Profile

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Objective 2010  
ePortfolio for all  
EMPOWERING INDIVIDUALS  
FOR A LEARNING SOCIETY

www.eportfolio.org

EifEL

## ePortfolio and HR-XML



- ▶ Europass
- ▶ HR-XML CV Application Profiling
- ▶ Demo
- ▶ And...



## Europass

**Cadre unique pour la transparence des qualifications et des compétences en Europe**  
Europass vise à faciliter et valoriser la **mobilité géographique et professionnelle des citoyens en Europe**, par la mise en place d'un Portfolio de 5 documents normalisés et reconnus qui permettent à un individu de décrire et rendre compréhensible ses compétences et ses qualifications par un tiers d'un autre pays – établissement d'éducation, organisme de formation, employeur.

**Adopté par le Parlement et le Conseil des Ministres européens, Europass sera accessible aux citoyens de 32 pays** (les 25 Etats-membres de l'Union européenne, les 4 pays de l'AELE et les 3 pays candidats à l'adhésion).

L'objectif de la Commission est que, d'ici à 2010, trois millions de citoyens aient utilisé Europass.

Agence Socrates-Leonardo da Vinci France – Centre national Europass

- ▶ Europass has been established by the [Decision No 2241/2004/EC](#) of the European Parliament and the Council of 15 December 2004 on a single transparency framework for qualifications and competences.
- ▶ Cedefop managed this initiative
- ▶ 5 elements in Europass
  - CV (manage by the user)
  - Language Portfolio (manage by the user)
  - Diploma Supplement (provided by universities)
  - Certificate Supplement (provided by training centers) (managed by CNCP in France)
  - Mobility Pass (provided by national Socrates-Leonardo da Vinci agencies)
- ▶ Until October 2005 these elements are all paper based
  - Cedefop published an online editor for both Europass CV and the Language Portfolio allowing a first interoperability step but it uses proprietary XML schemas with a very basic semantic level which limits the reuse of content.

<http://europass.cedefop.europa.eu/europass/home/bo/ta/Story/navigate.action>

## HR-XML



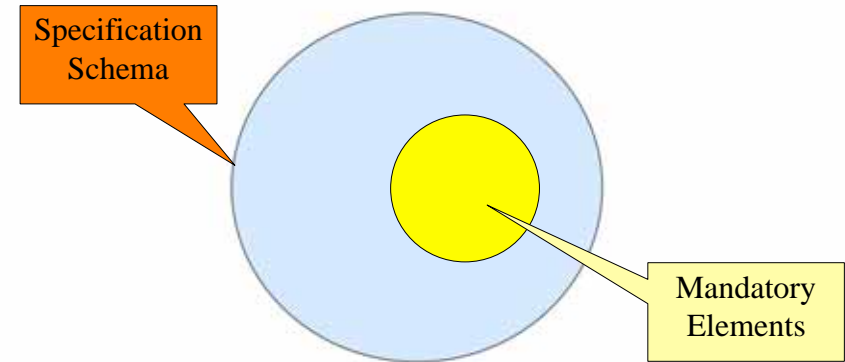
- ▶ Initiative launch in 1999, first stable XML schemas 2002
- ▶ Interoperability for HR systems (main community in France: SIDES with Manpower, Adecco, VedioBis)
- ▶ Members and certified products worldwide (Job boards like Monster, ERP like Oracle, PeopleSoft)
- ▶ July 2004: HR-XML launch the European Chapter, EifEL starts its discussions with several board members.
- ▶ [MoU between EifEL and HR-XML](#) signed in January 2006, EifEL takes the lead of the [Europass WG](#) in the summer 2006
- ▶ European project Kite project launch in 2006
  - Close collaboration between LDD/Menon and EifEL to define a common profile
- ▶ First interoperability tests and demonstration at ePortfolio conference plugfest in October 2006



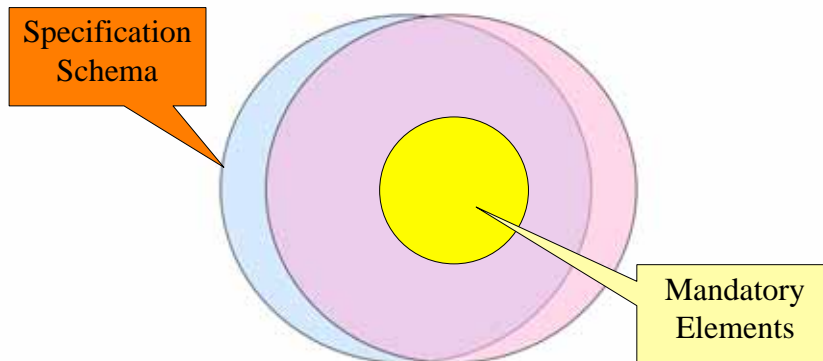
## Application Profiling

- ▶ Guidelines:
  - ◆ CEN/ISSS WS LT CWA Application Profiling for eLearning
  - ◆ IMS Application Profiling Guidelines
- ▶ Methodology and application profiling and conformance testing tools from the European Project: TELCERT
  - ◆ <http://www.opengroup.org/telcert/>

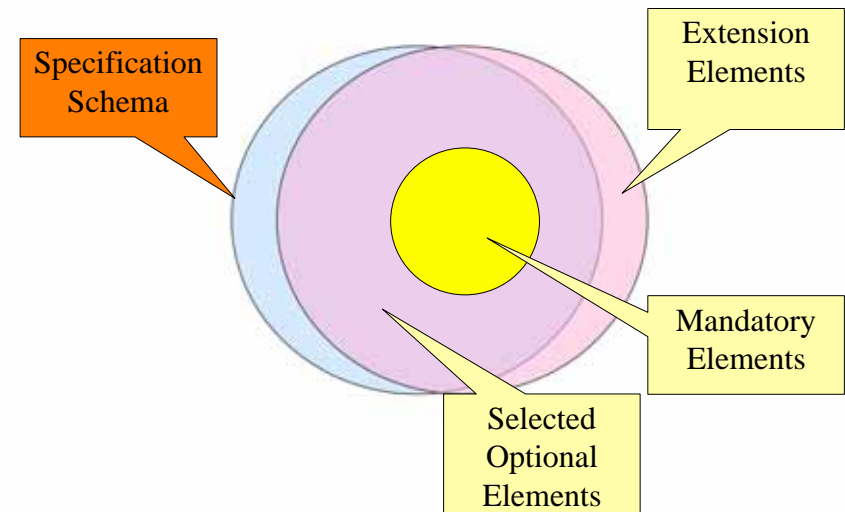
## Existing Specification



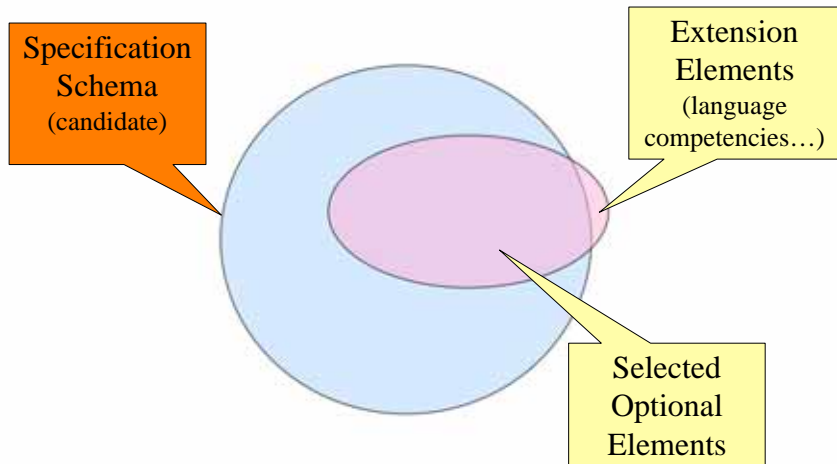
## Community Requirement



## Application Profile Schema



## HR-XML Europass CV Use case



## Interoperability Demos

### Scenario 1:

- ▶ CV created with [Cedefop Online CV editor](#) (using Cedefop XML schemas)
- ▶ Converted to HR-XML application profile using EIFEL XSLT
- ▶ Imported in [Kite CV plugin](#)

### Scenario 2:

- ▶ CV created with [PebblePad ePortfolio](#) and exported in HR-XML format
- ▶ Imported in [Kite CV plugin](#)

## ePortfolio and HR-XML



- ▶ And...
- ▶ EIFEL/Europortfolio interoperability framework – Status today
- ▶ Roadmap for the future (2007-2008):
  - Adding a Competency Framework to link with eLearning Content and management systems
  - Using Liberty Alliance to secure ePortfolio and HR-XML services

## Federation Framework



Liberty Alliance IDP

ePortfolios

Collaborative portal (Plone CMS)

eLearning systems (Ganesha LMS)

Front end: secure access to services using LA ID-FF (Identity Federation Framework) on SOAP/HTTP.

## Liberty Alliance

### Liberty's Architecture

#### Liberty Identity Federation Framework (ID-FF)

Enables identity federation and management through features such as identity/account linkage, simplified sign on, and simple session management

#### Liberty Identity Services Interface Specifications (ID-SIS)

Enables interoperable identity services such as personal identity profile service, contact book service, geo-location service, presence service and so on.

#### Liberty Identity Web Services Framework (ID-WSF)

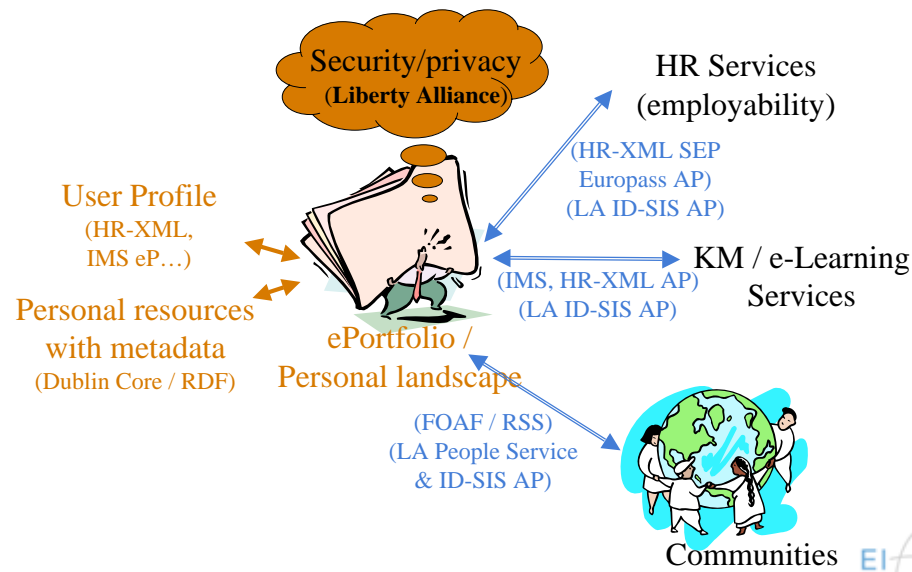
Provides the framework for building interoperable identity services, permission based attribute sharing, identity service description and discovery, and the associated security profiles

Liberty specifications build on existing standards (SAML, SOAP, WS-Security, XML, etc.)

[http://www.projectliberty.org/resources/presentations/LibertyGoldenPitch\\_General.pdf](http://www.projectliberty.org/resources/presentations/LibertyGoldenPitch_General.pdf)

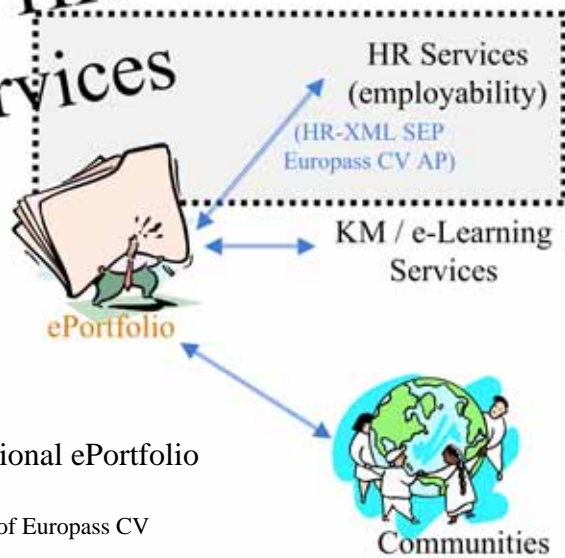


## ePortfolio Interoperability Framework (EiFEL / Europortfolio)



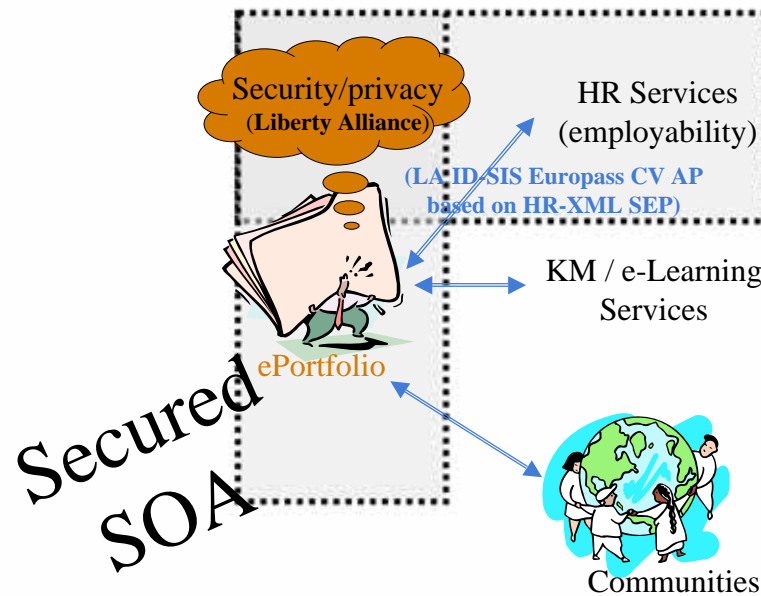
## Roadmap – 2006-2007 HR-XML SEP AP for ePortfolio

### eP and HR web-services

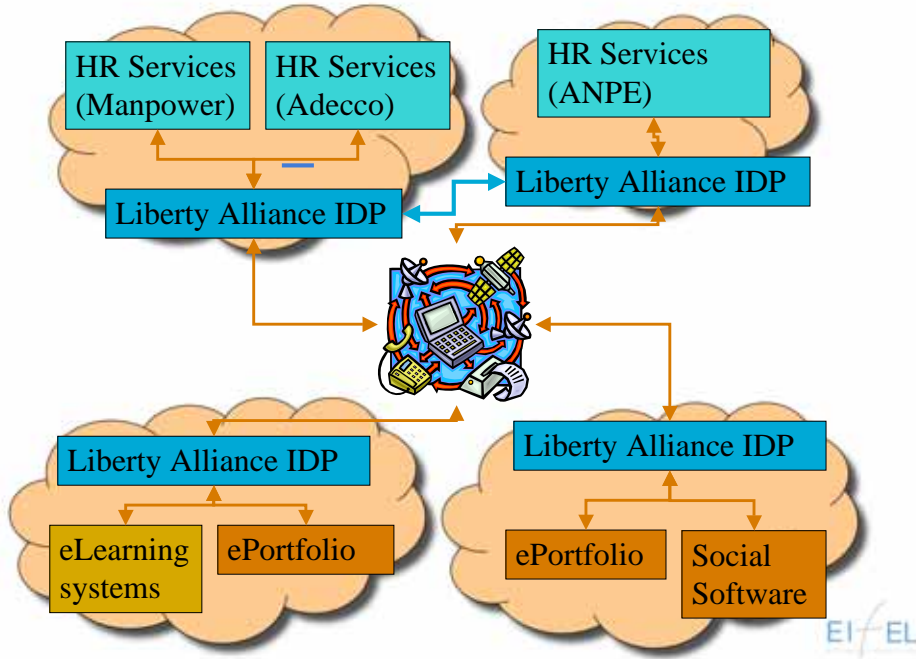


- Second international ePortfolio Plugfest 2006:
  - Interoperability of Europass CV

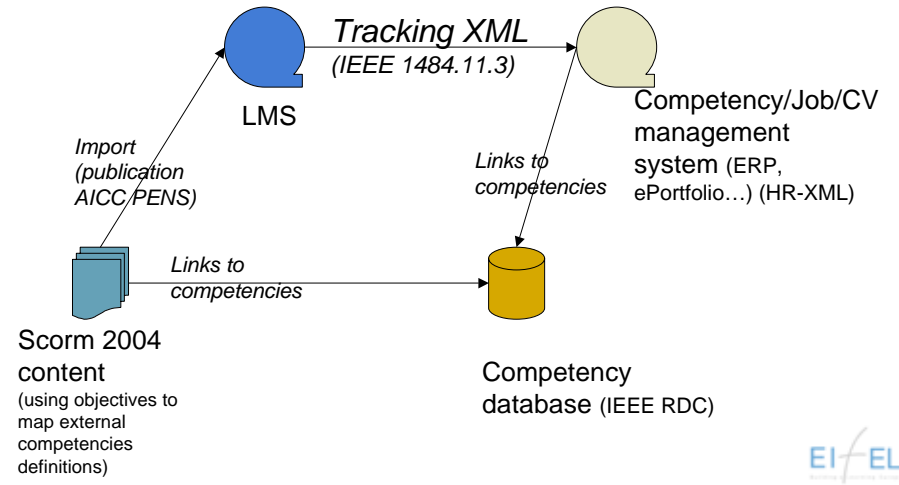
## Roadmap to the future – 2007-2008 Using LA to secure ePortfolio and HR services



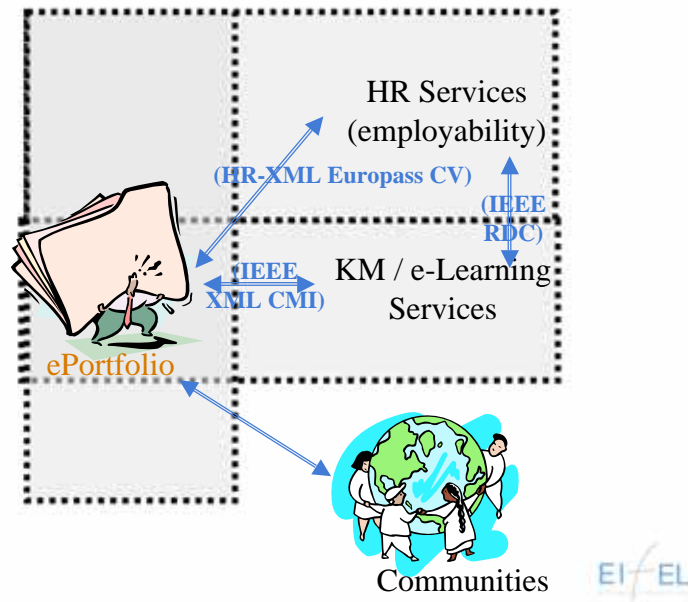
### LLL and HR Circle of Trust ?



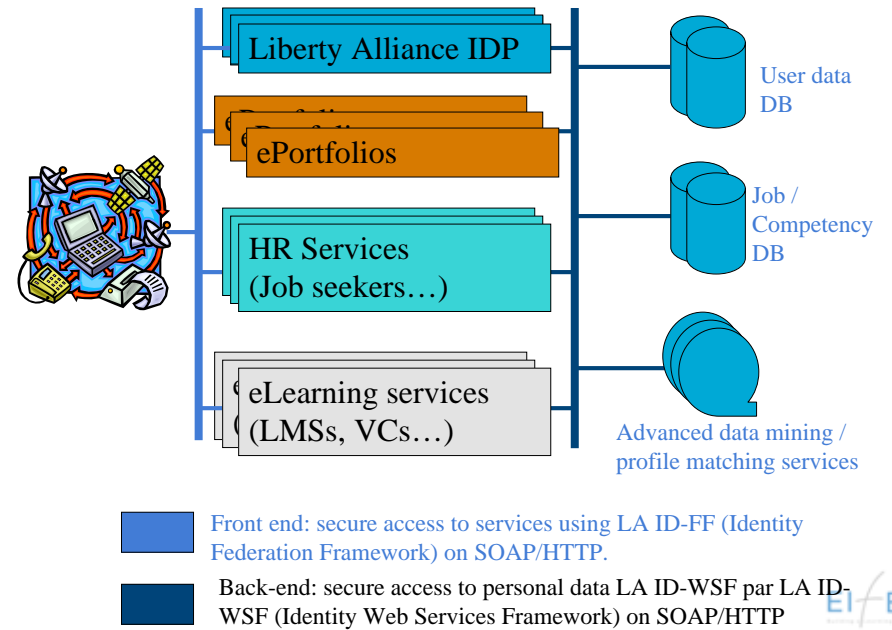
### Roadmap to the future – 2007-2008 Using a competency framework



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### SOA for LLL



## Sound nice but what's concrete ?



- ▶ The last release (v1 release candidate) of the profile already include IEEE RDC
- ▶ A workshop is plan before the summer to define or initialise an interoperability roadmap with all other main CV profiles projects (iProfile UK, German CV, Sides/ANPE, Europass WG, Cedefop, Kite, R4eGov...).
- ▶ Next ePortfolio Plugfest (October 2007, Maastricht) with official support of HR-XML and more participants (Job boards, US members of HR-XML).
- ▶ Next iLearning Forum Plugfest (January 2008) with Scorm 2004 / IEEE RDC / IEEE 1484.11.3 interoperability demos.



More information on this profiling work:

<http://www.eife-l.org/publications/interop/europas/hr-xml/>

For more information (about profiling, conformance testing or to participate to the next plugfests):

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More information on the Kite project and results:

<http://www.kite-eu.org/>

[nicolas@ldd.fr](mailto:nicolas@ldd.fr)

Thank you!

Questions ?