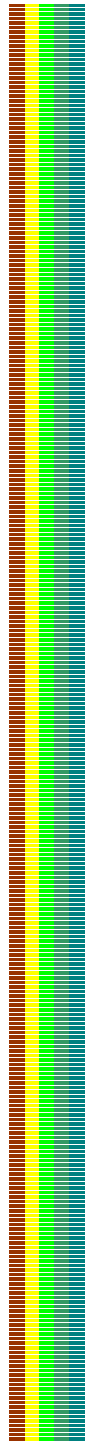
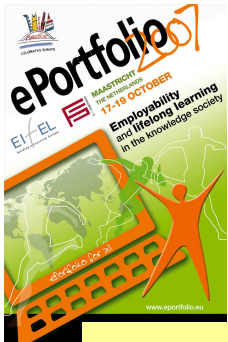


Europass CV Application profiling

Marc Van Coillie – EifEL

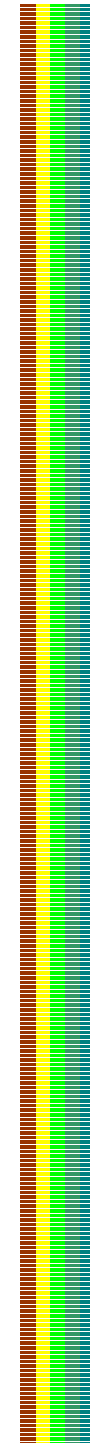
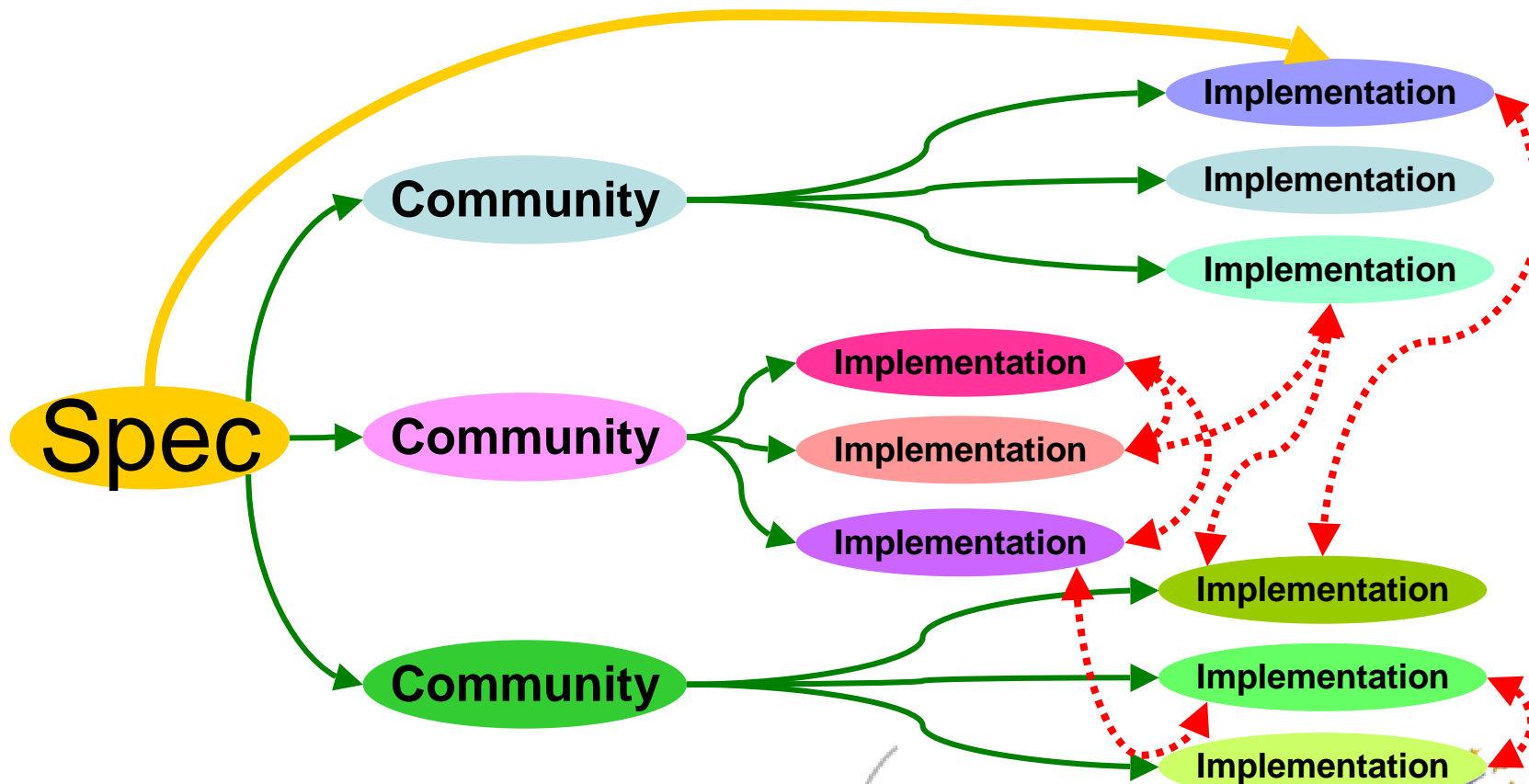
CV Interoperability Seminar - June 2007





What's the problem?

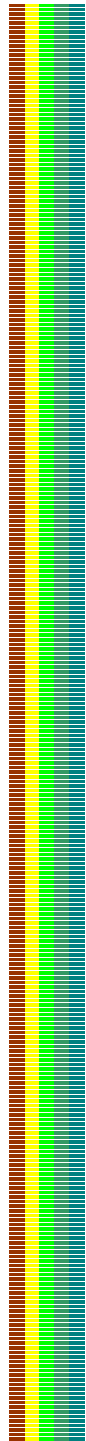
Don't standards & Specs lead to interoperability? Always?

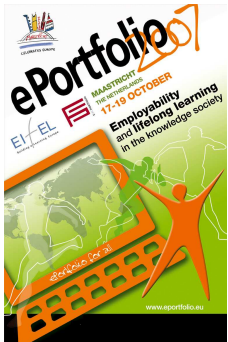




Interoperability of CVs ?

- Common user needs:
 - ➔ To ease exchange of CV from an eP to a job board system
- Common European reference:
 - ➔ Europass CV
- Two main eLearning and eHR specification consortiums:
 - ➔ IMS (IMS ePortfolio/LIP) (not known by HR community)
 - ➔ HR-XML (HR-XML SEP: Candidate, Resume, JobPosting)



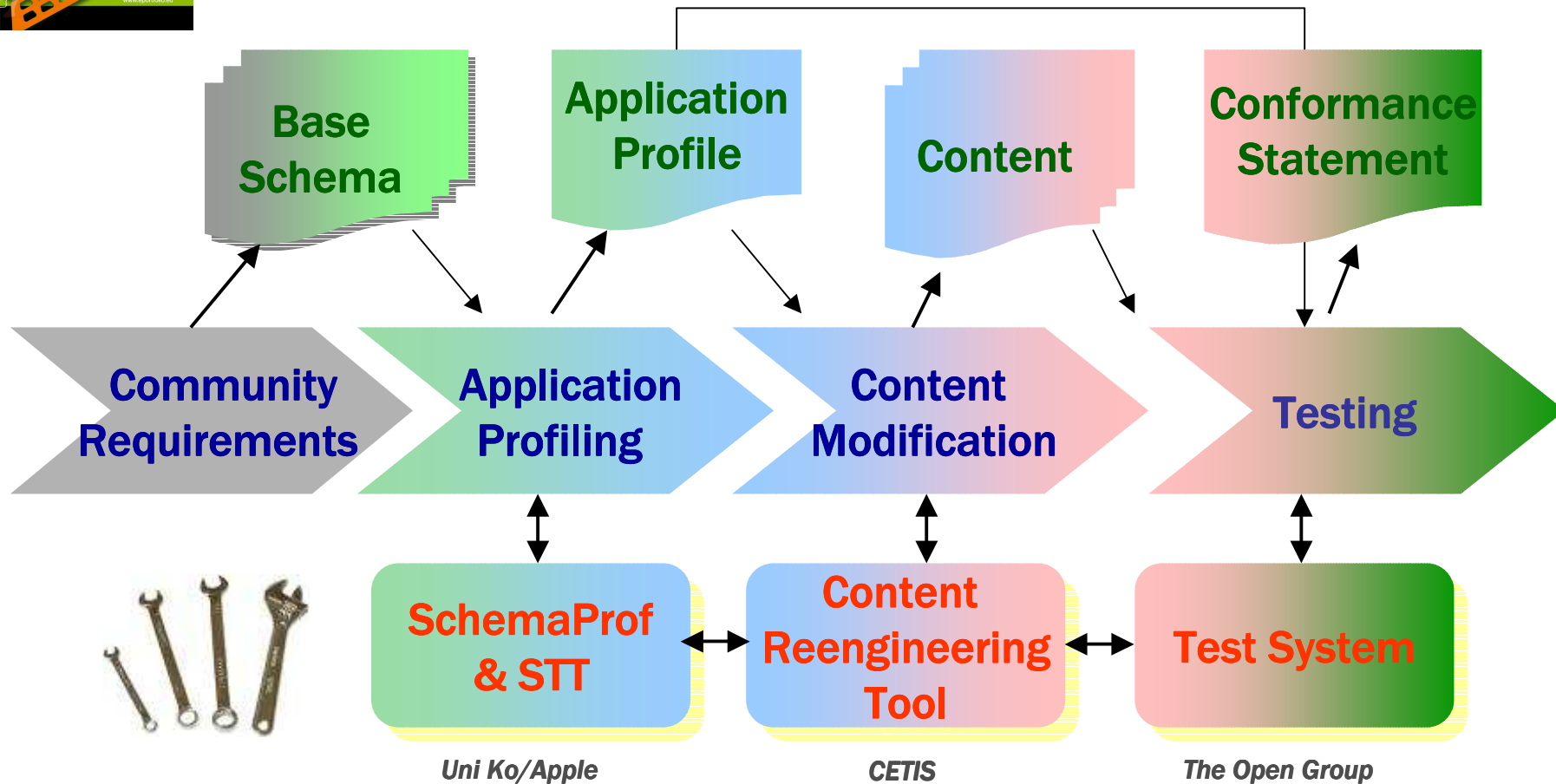


Brief history (why EifEL ?)

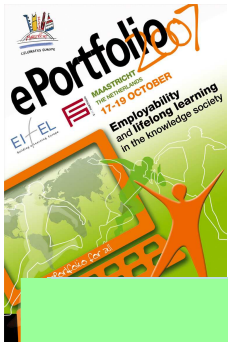
- Start:
 - Europortfolio (launch end of 2003)
- EPICC project (start in 2004, coordinated by EifEL)
 - Contribute to publication of IMS ePortfolio specs 1.0 (Giunti, IMS Europe...)
 - Workshop mid 2004: first discussion with members of HR-XML European chapter
 - Workshop mid 2005: first draft of an ePortfolio AP for the Europortfolio community
- TELCERT project
 - AP methodology and tool
 - First phase 2004-2005: include French and German Europass Diploma Supplement based on IMS LIP
 - Second phase 2005-2006: ePortfolio Europass CV AP based on IMS eP/IMS LIP, look on using Telcert toolset with HR-XML specs.



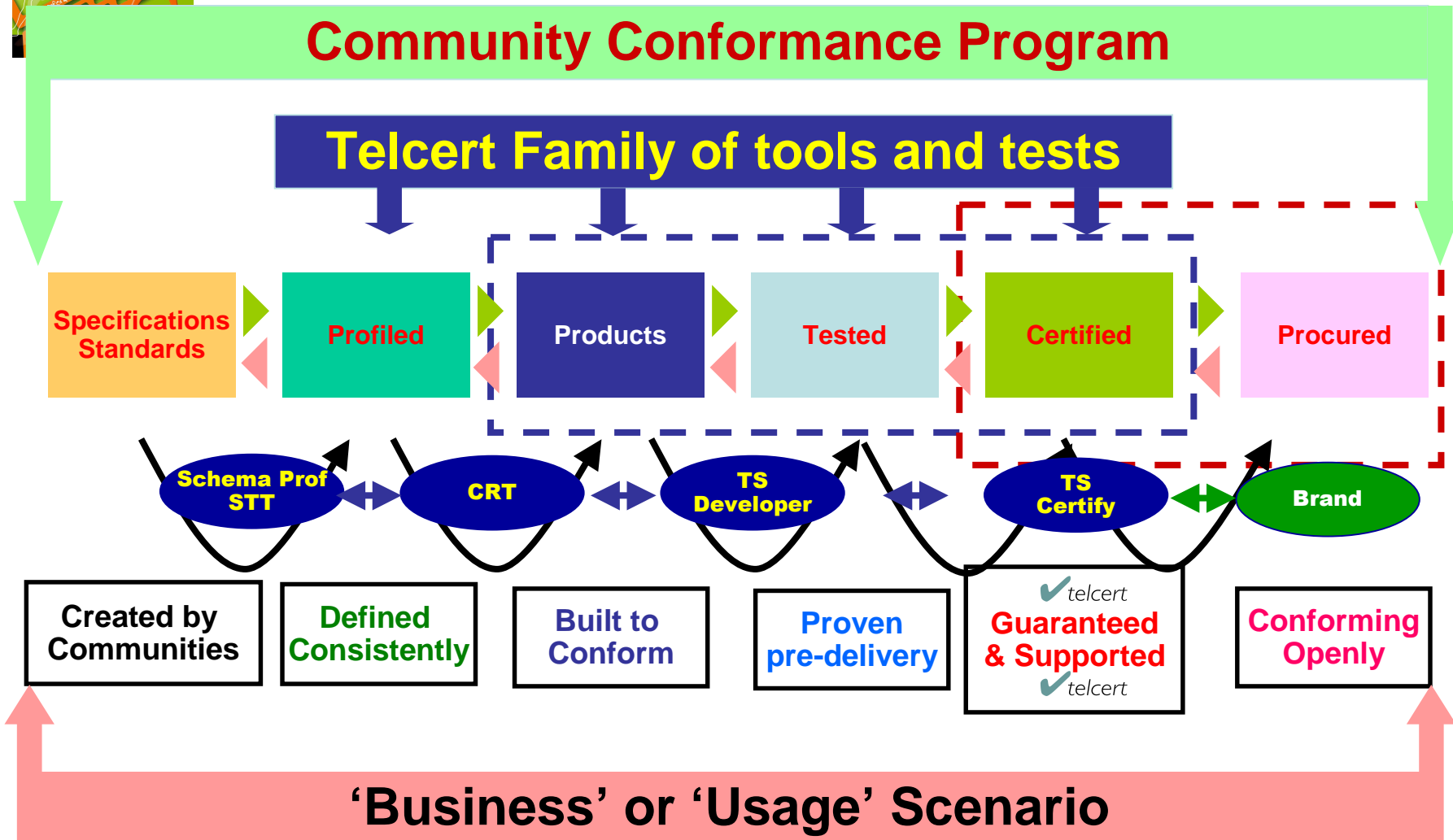
TELCERT AP technology 'end-to-end'

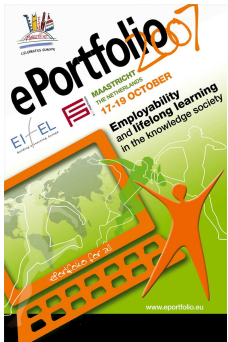


<http://www.opengroup.org/telcert/tools-tutorial.htm>



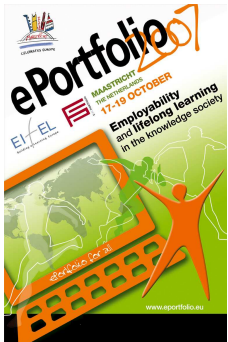
Community Value end-to-end





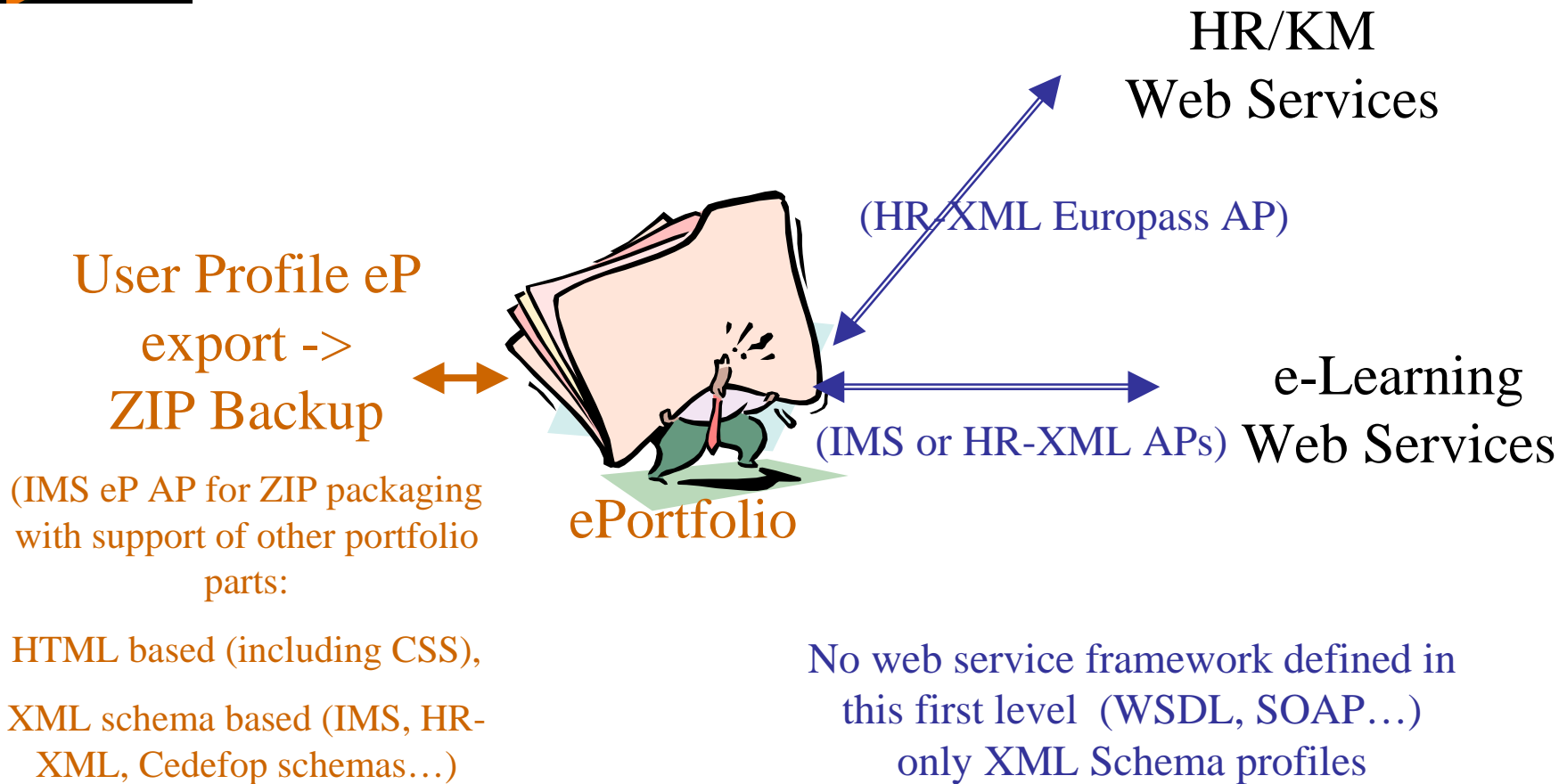
Brief history

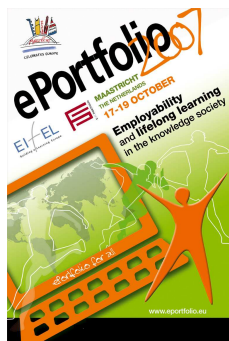
- MoU between EifEL and HR-XML Europe (early 2006)
- Collaboration with KITE project (Start in 2006)
- EifEL take the lead of HR-XML Europass WG (Summer 2006)
- Plugfests and interoperability dedicated events:
 - ➔ Second eP Plugfest October 2006, Oxford
 - ➔ iLearning Forum Plugfest January 2007, Paris
 - ➔ CV interop Seminar June 2007, Paris



Europortfolio Interoperability Framework

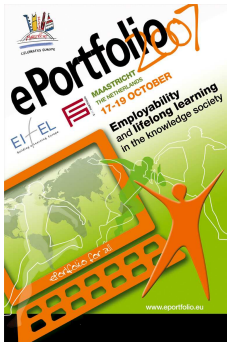
“Basic Level” (only XML Schema APs)





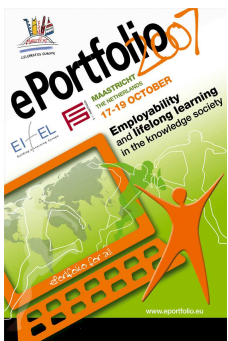
Europass CV AP status

- V1.1 of the AP (Mapping between Europass CV model and HR-XML) in a release candidate status:
 - ➔ Update to HR-XML 2.5
 - ➔ All previous proprietary extensions have been removed
- Using common external definition of competencies:
 - ➔ to identify Europass skills and Language skills (using CEF model and information)
 - ➔ based on IEEE RCD draft work (IMS RDCEO XML schema)
 - ➔ can be used in eLearning context with other IMS specifications
 - ➔ EifEL Participate now in IEEE LTSC Competency working group



Europass CV AP status

- Other key points:
 - ➔ XSLs for cross interop with other CV profiles:
 - Cedefop schemas
 - GermanCV
 - CV Universel
 - iProfile
 - hResume
 - EasyCV
- Proposal for a packaging ZIP Application Profile (for a full ePortfolio backup export function):
 - ➔ Benefits from valuable work done by eLearning community around IMS Content Packaging specifications (ADL-SCORM , IEEE LTSC WG...).
 - ➔ Using additional vocabulary to support other portfolio parts: Cedefop schemas, HR-XML CPO/SEP, UK Leap, other Europass APs (German and French EDS...)...



Implementation use case

- Collaboration with Eurocv.eu system (Italy):

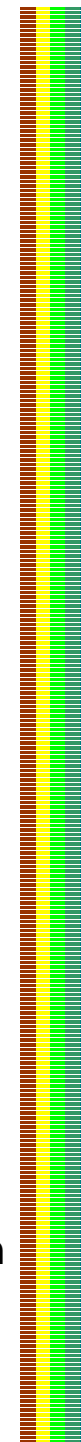
- First level:

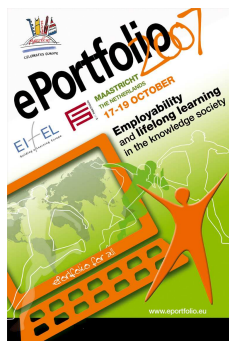
- Work started in end-May 2007
- Finished before mid - June 2007

- Less than 2 weeks by chat (2 real full days of work for a compliant and tested implementation) !
- Using part of EIfEL XSLs

- Why so quick:

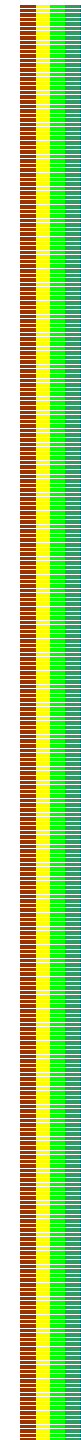
- An existing SOAP Api and Europass implementation
- Aware of interoperability
- Team work :
 - EIfEL : first key information and conformance testing of each implementation phases
 - Unique contact in EuroCv to manage their development team
 - Chat available all the week (including week-end) to ease their implementation and testing from EIfEL side, allowing reflexion (new services, specific interop issues)

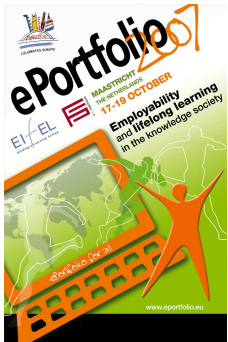




HR mapping

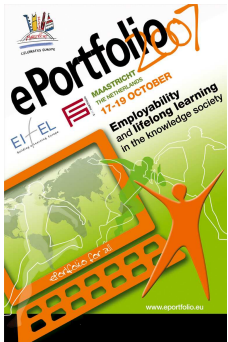
No	Name in Europass CV	HR-XML Candidate element
1	Personal information	<CandidateProfile><PersonalData>
1.1	Surname(s) / First name(s)	<PersonName>
1.2	Address(es)	<ContactMethod><PostalAddress>
1.3	Telephone(s)	<ContactMethod><Telephone>
1.4	Fax(es)	<ContactMethod><Fax>
1.5	E-mail(s)	<ContactMethod><InternetEmailAddress>
1.6	Nationality(-ies)	<PersonDescriptors><DemographicDescriptors><Nationality>
1.7	Date of birth	<PersonDescriptors><BiologicalDescriptors><DateOfBirth>
1.8	Gender	<PersonDescriptors><BiologicalDescriptors><GenderCode>
2	Desired employment / Occupational field	<CandidateProfile><PreferredPosition>
2.1	Description	<PositionTitle>
3	Work experience	<CandidateProfile><EmploymentHistory>
3.1	Dates	<EmployerOrg><PositionHistory><StartDate> and <EmployerOrg><PositionHistory><EndDate>
3.2	Occupation or position held	<EmployerOrg><PositionHistory><Title>
3.3	Main activities and responsibilities	<EmployerOrg><PositionHistory><Description>
3.4	Name and address of employer	<EmployerOrgName> and <EmployerOrg><OrgName><OrganizationName> and <EmployerContactInfo><ContactMethod><PostalAddress>
3.5	Type of business or sector	<EmployerOrg><PositionHistory><OrgIndustry><IndustryDescription>
4	Education and training	<CandidateProfile> <EducationHistory> <SchoolOrInstitution>
4.1	Dates	<Degree><DatesOfAttendance><StartDate> and <Degree><DatesOfAttendance><EndDate>
4.2	Title of qualification awarded	<Degree><DegreeName>
4.3	Principal subjects / occupational skills covered	TODO
4.4	Name and type of organization providing education and training	<School> and <PostalAddress>
4.5	Level in national or international classification	TODO
5	Personal skills and Competencies (language part)	<CandidateProfile><UserArea><Competency> and <CandidateProfile><PersonalData><PersonDescriptors><DemographicDescriptors>
5.1	Mother tongue(s)	<CandidateProfile><PersonalData><PersonDescriptors><DemographicDescriptors><PrimaryLanguage>
5.2	Other language(s)	<CandidateProfile><UserArea><Competency>@name=Europass-LanguageSkills
6	Personal skills and Competencies (others parts)	<CandidateProfile><UserArea><Competency>@name=Europass-SkillsList
6.1	Social skills and competencies	<Competency>@name=social
6.2	Organisational skills and competencies	<Competency>@name=organizational
6.3	Technical skills and competencies	<Competency>@name=technical





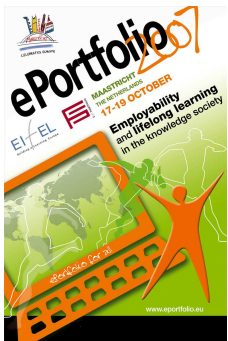
Europass CV AP work (short term)

- Stabilize the 1.1 release (for Maastricht HCIST summit) :
 - ➔ Validate the competency framework
 - ➔ More implementation and test
- Include Europass LP support
- List of optional elements for researchers and experts (publications, patents, conference speaking):
 - ➔ Based on European EraCareers additional elements
 - ➔ HR-XML Europass AP V1.2

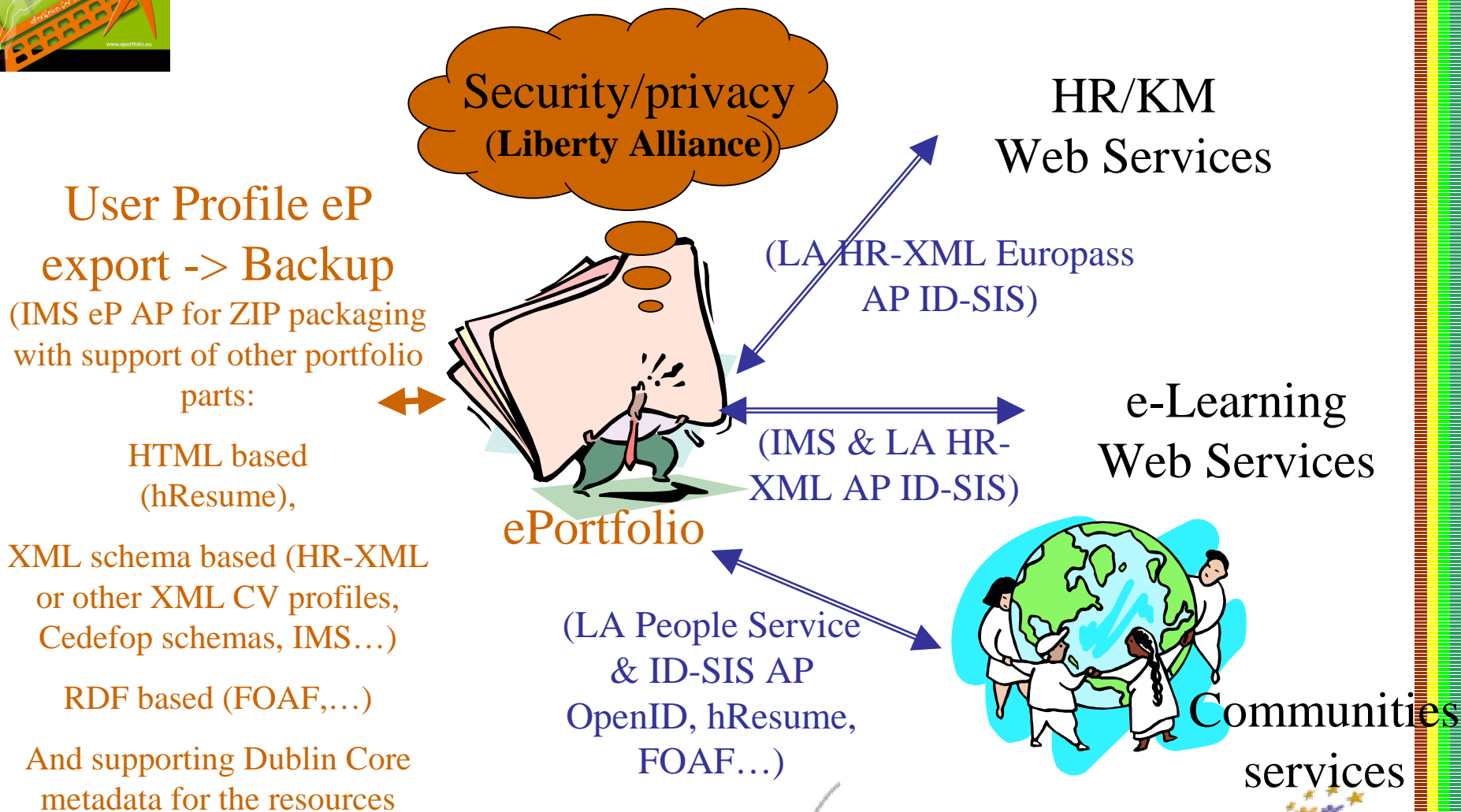


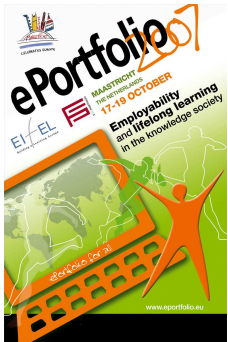
Europass CV AP Work (2008)

- Look at 'Relationship' support in ePortfolio point of view (Reflexion, competency evidence, achievements...):
 - ➔ HR-XML v3 ??
- Privacy layer:
 - ➔ EifEL contribute to the Concordia Program to look at privacy issue for CV owner data (supported by Liberty Alliance and OpenID)
- Look at harmonisation of Web-service WSDL for applicant/resume access:
 - ➔ Including privacy : new LA ID-SIS for Europass CV
 - ➔ Without privacy : review / compilation from existing systems (Need your participation !)
 - ➔ Europass ePortfolio AP 2.0 (HR-XML part / hResume part / privacy layer) !
(First interop test expected for HCIST summit 2008)



Europortfolio Interoperability Framework “WSF Level” (Including Privacy framework)

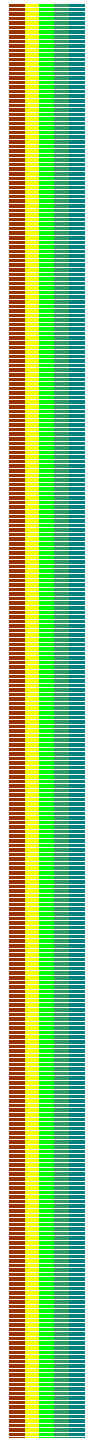


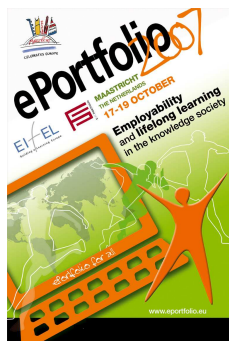


Contribution welcome !

Next Interoperability Events:

- Third eP Plugfest October 2007, Maastricht
- iLearning Forum Plugfest February 2008, Paris
- Existing WGs:
 - ➔ EIfEL / Europortfolio communities and SIGs,
 - ➔ HR-XML WGs (Europass, Public and Private Info, Competency)
 - ➔ Concordia Program (or Liberty Alliance / OpenID communities)
 - ➔ IEEE LTSC Competency WG
- At European level ?
 - ➔ Cedefop (started ☺)
 - ➔ EURES, EraCareer
 - ➔ CEN/ISSS Learning Technology Technical Committee



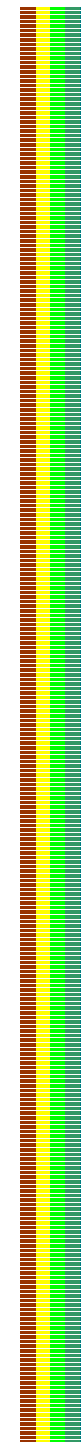


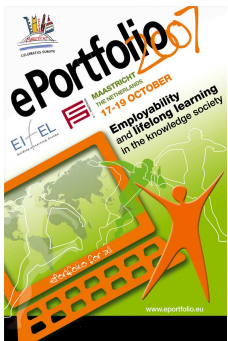
Some HR-XML ePortfolio Plugfest 2006 results

	ePet/EPICS (import)	KITE (import)	PHOSPORIX (import)	PebblePad (import)
ePet/EPICS (export)		YES (using EIfEL XSLT)	YES (using EIfEL XSLT)	
KITE (export)	YES		YES ?	
Phosphorix (ionodes, iomorph) (export)		YES ?		
PebblePad (export)		YES loosing 'achievements'		

'?' : need to be validated for all AP elements fully supported

[Link to full eP plugfest results](#)





Thank you !

Questions ???

Maybe a short demo 😊 ?

<http://demo.eife-l.org/cv/ws1/CVTransformService.html>

Europass AP work in progress:

<http://www.eife-l.org/publications/eportfolio/europass/>

Mail : marc.van.coillie@eife-l.org

