



JOINING UP GOVERNMENTS

EUROPEAN
COMMISSION



Expanding towards other interoperability layers

ISA Action 4.2.4 – European Federated Interoperability Repository - EFIR

CESAR workshop - 13 March 2013

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Saky Kourtidis



Expanding Joinup towards other interoperability layers?



Where to find standards, specifications, tools or services specific to the exchange of social security information between public administrations

A black and white line drawing of a man with glasses, wearing a suit and tie, sitting at a desk. He is looking at a computer monitor on the left and has his hand to his chin in a thoughtful pose. A mouse is visible on the desk in front of him.

Where could I find tools standards, specifications and tools which have been proven successful?

André Caperville
38 years old, Enterprise Architect



He looks for such assets on Google **BUT** they are not easy to find

Google search results for "standard for social security information exchange".

1 About 37,200,000 results (0.26 seconds)

[PROTECTUS - more efficient social security information exchange](#)
ec.europa.eu/idabc/en/document/5007/5584.html
Policy background: **information exchange** to preserve citizens' **social security** rights ... format and XML **standards** for the exchange of **social security** information.

[IDABC - EESSI \(Electronic Exchange of Social Security Information\)](#)
ec.europa.eu > [European Commission](#) > IDABC
EESSI (Electronic Exchange of Social Security Information) ... be developed to modular and rigorous software engineering **standards** - providing high availability ...

[IDABC - Protectus](#)
ec.europa.eu > [European Commission](#) > IDABC
The project Protectus concerns all the **information exchanges** that take place among the **social security** administrations of the Member States, necessary for the ...

[Health Information Exchange](#)
<https://ochin.org/services/hi/>
Health **Information Exchange** OCHIN's network members are connected via the Epic ... Level Seven International (HL7) **standards-based information exchange**. ... the **Social Security** Administration (SSA), provides "production" exchange of ...

2

3 Goooooooooooooogle > 1 2 3 4 5 6 7 8 9 10 Next

4

They are published on a multitude of websites

They are not grouped by context

Long process to retrieve the expected results

This costs time and effort



ISA has designed a solution that would help André easily explore such assets on Joinup

joinup

1

More focused

Search

The advanced search allows you, using the menu on the left, to apply different filters to your search.

Content Users Issues

Search

Advanced search helps you navigate through content available on Joinup by (de)selecting the search filters on the left-hand side.

Search Sort by Relevance Retain current filters

Asset type

- Schema (366)
- Code List (166)
- Ontology (107)
- Domain Model (45)
- Service Description (30)
- Taxonomy (24)
- Information Exchange Package Description (19)
- Core Component (8)
- Thesaurus (4)
- Mapping (1)
- Show more

Repository of origin

Asset type

Licence type

Themes

Geographic coverage

Interoperability level

- Semantic (231)
- Technical (3)

Publisher type

CitizensLifeCycleEvents

Created by Javier Gutierrez | 19 February 2013

First DRAFT version of the EU Citizen's Life Cycle Events

You can download it [here](#)

<http://europa.eu/youreurope/citizens#CitizensLifeCycleEvents> First DRAFT version of the EU Citizen's Life Cycle Events You can download it here ...

EU Citizens Life Cycle Events

Created by Javier Gutierrez | 19 February 2013

Download

DG MARKT has developed an ontology that describes the domain of Citizens' Life Cycle Events. The central element of this domain is a list of common topics related to important events of the life of EU citizens and their relation with EU and MS rights, conditions and formalities as the ones shown in the page "Your Europe Citizens".

Description A classification of topics for EU and national citizen's information portals axel.callabed@ec.europa.eu D ...

SCL - International patent classification (IPC)

Created by Joinup Federation Support | 08 February 2013

Eurostat standard code list: International patent classification

http://ec.europa.eu/eurostat/ramon/nomenclatures/index.cfm?TargetUrl=LST_NOM_DTL&StrNom=CL_IPC&StrLanguageCode=EN&IntPKey=&StrLayoutCod...

3

More relevant

2

More targeted

4

Free and easy download of assets



However, the current catalogue does not allow to explore assets from all layers of interoperability

Semantic



Asset type

- Schema (966)
- Code List (166)
- Ontology (107)
- Domain Model (45)
- Service Description (30)
- Taxonomy (24)
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- Package Description (19)
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[Show more](#)

Interoperability level

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- Technical (3)

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ISA plans to extend ADMS and the catalogue on Joinup to other types of assets

Semantic

Asset type

- Schema (966)
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- Ontology (107)
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[Show more](#)

Interoperability level

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EU Directive

Licensing Framework

Legal

Licence template

National Legislation



Business rule model

Business process model

Organisational

MoU

SLA

Security specifications

Protocol

Technical

Data architecture

Interface specifications



What is in it for you?

Value

Who can benefit from it?

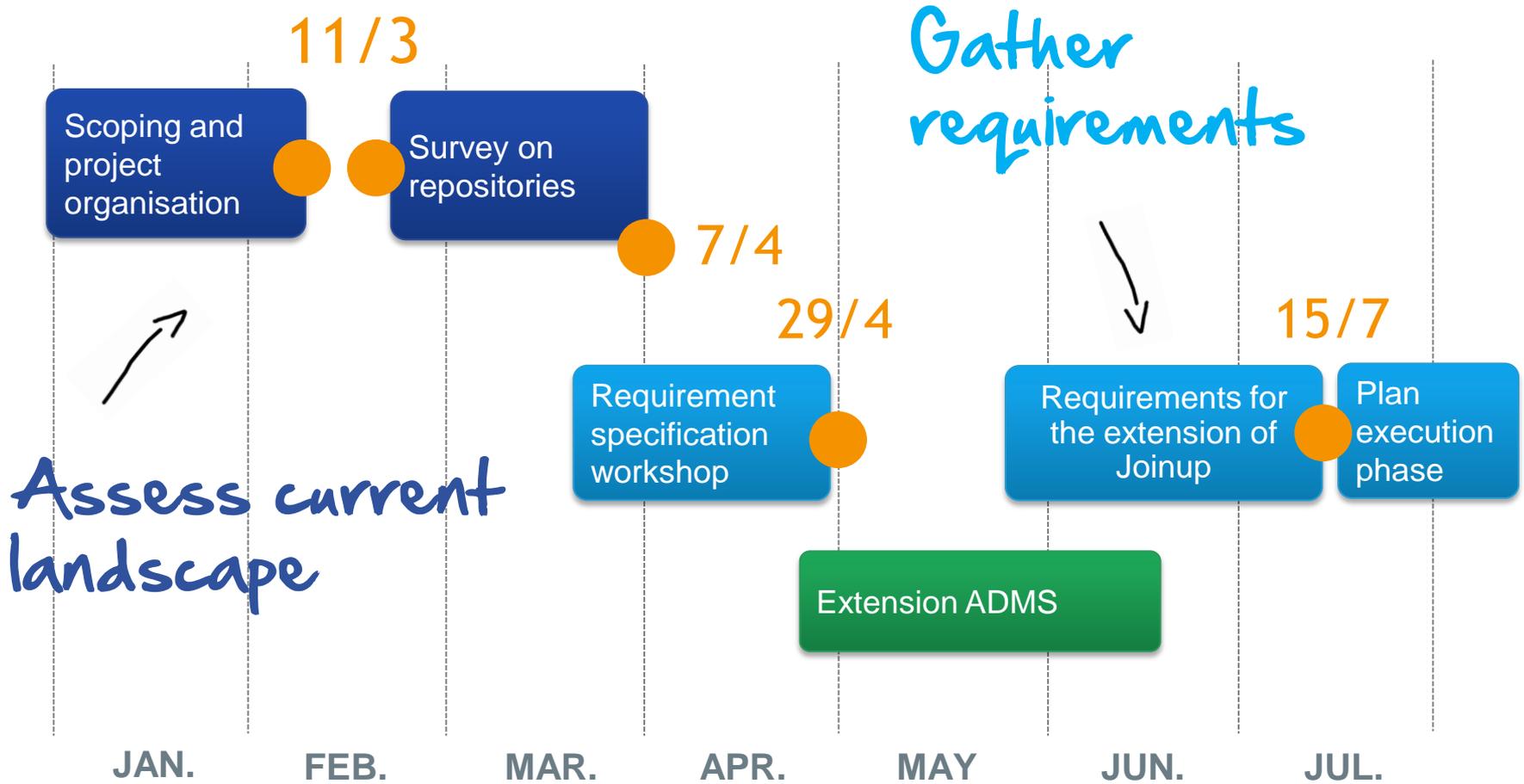
Expand your audience / supply			REP. OWNER
Raise visibility of your repository and / or your assets		PUBLISHER	REP. OWNER
Improve your search experience	USER		
Enrich your assets		PUBLISHER	
Save time and cost	USER		



**What do we need
to know?**



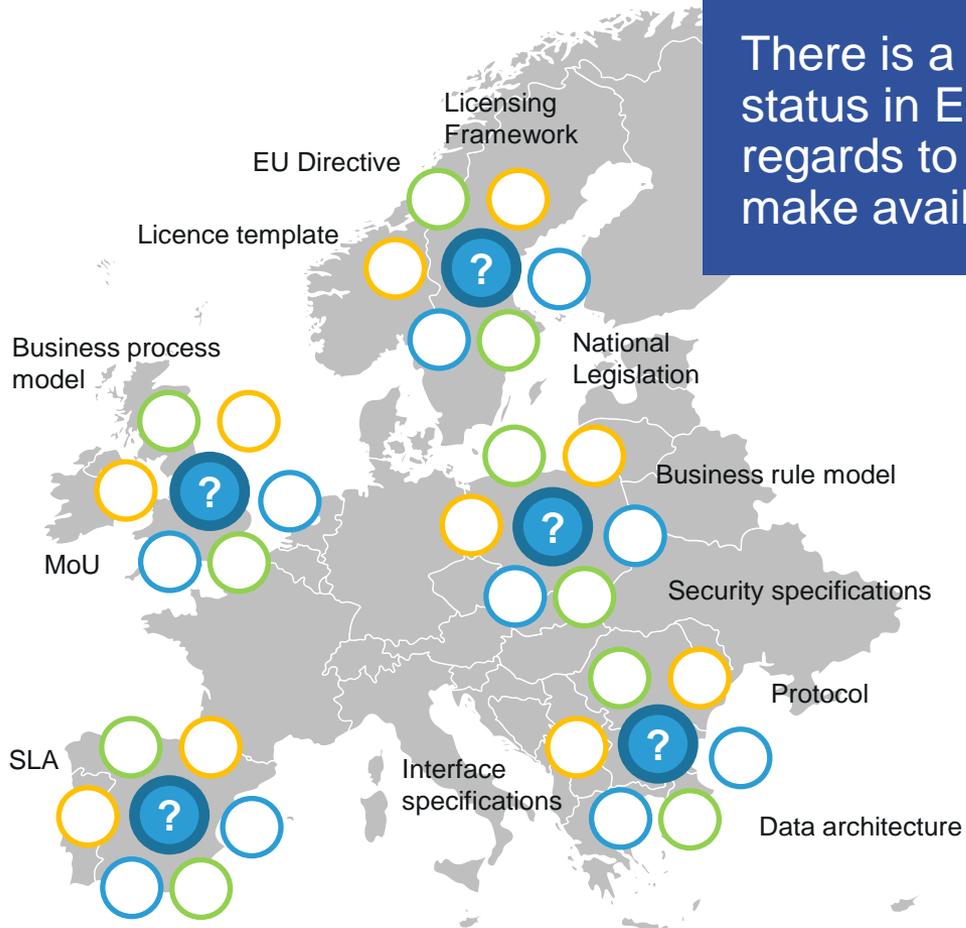
Project management plan





Assess current landscape

There is a need to assess the current status in European Member States with regards to repositories that store and make available interoperability assets





Gather requirements

A blue silhouette map of Europe is positioned in the background, partially overlapping the text boxes.

Business analyst is looking for the legislation in another country and he wants to see how this legislation has been implemented in Information Systems

IT project manager has to plan the development of a new application in the field e-Procurement and he is looking for success stories on Joinup

An Enterprise architect is looking for standards to select for the new integration of services and he wants to compare what other countries have done to be sure he is making the right choice



Participate in the online survey

<http://ec.europa.eu/yourvoice/ipm/forms/dispatch?form=EFIR>



Thank you