



JOINING UP GOVERNMENTS

EUROPEAN
COMMISSION



***ISA's** online service to
make it easier for Public
Administrations to find ICT
specifications*

February 2013



ISA is undertaking a number of initiatives to promote reuse of **ICT specifications**





Who publishes ICT Specifications?

Standardisation bodies



OASIS

GS1

UN/CEFACT

W3C

ETSI

CEN



EU Publications Office

Listpoint

INSPIRE

European institutions

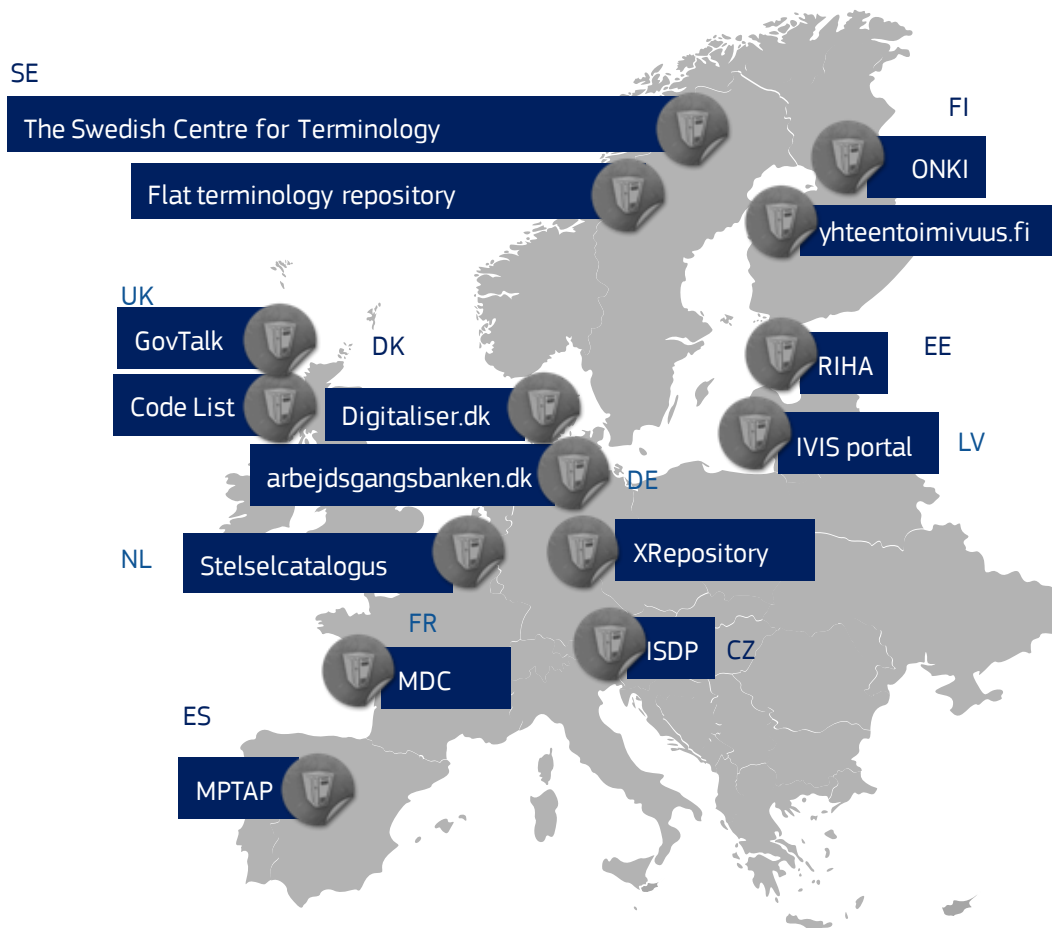
ISO

Third party organisations





... but also Member States





However...

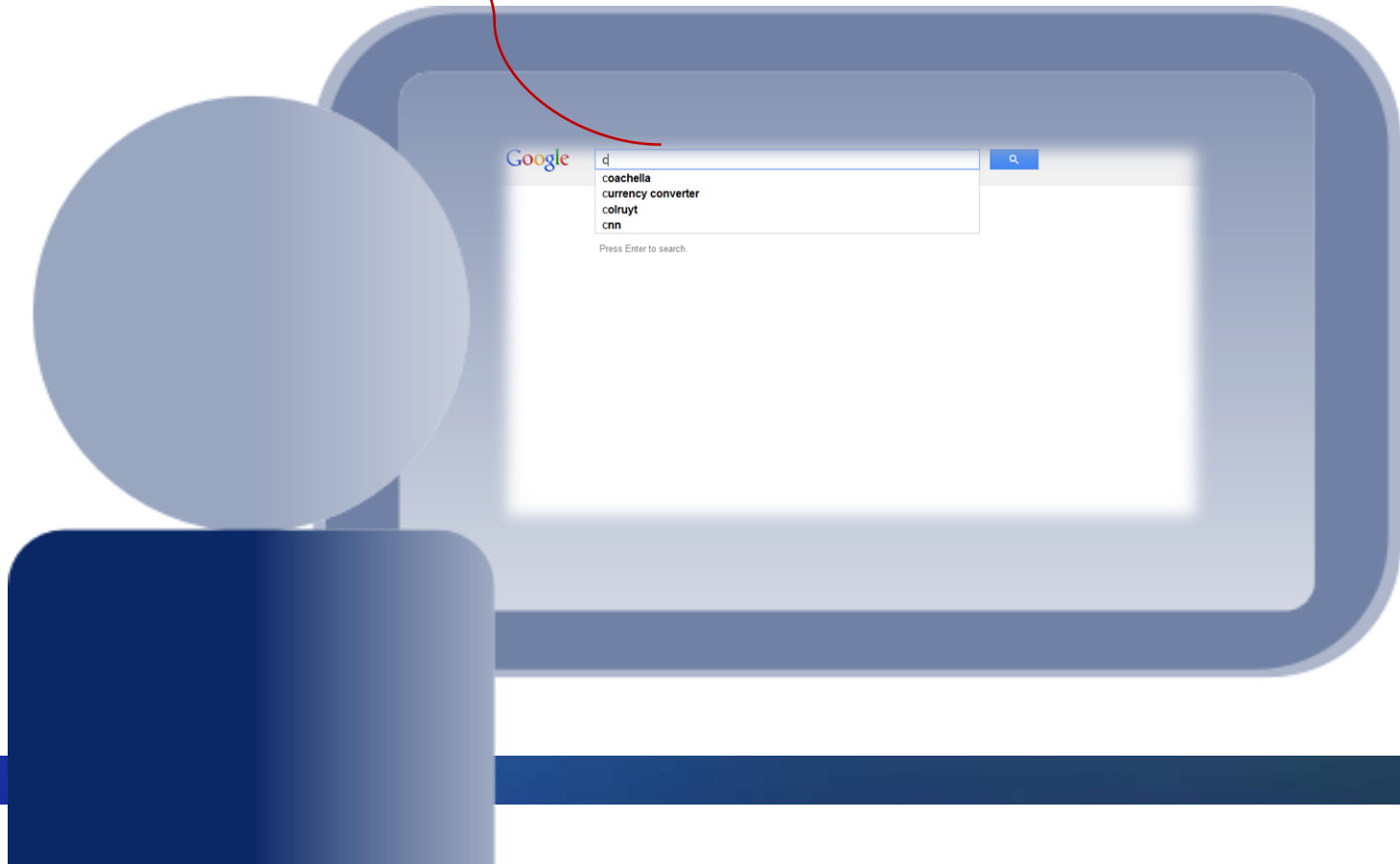
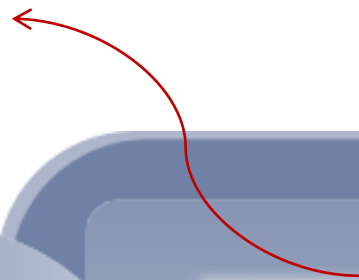
It is hard to find, understand
and reuse ICT specifications





Let's look at this from the User perspective

I am looking for a particular specification





Reusable specifications **are not easy** to find because they are published on a multitude of websites





*Google not good enough
There are too many websites
I don't know what to use*



Is it the right version?

Is it machine-readable?



How can ISA help to:

1. Raise visibility of reusable specifications
2. Promote a simple way to find specifications from different publishers
3. Add valuable metadata to these specifications

Single-point of access





How was ADMS created?

Multi disciplinary
working group

43 people

20

Member States
and the US.

EU institutions

+

Standardization bodies

External experts/academia

PwC and W3C facilitation +
W3C methodology

Enthusiasm around ADMS

The ADMS specification:

1200 reads

640 downloads

Currently the specification is available in
UML, XML, RDF
formats for public review



We have designed a solution with two elements: Let's look at the first one

ADMS

ASSET
DESCRIPTION
METADATA
SCHEMA

A common way to describe ICT specifications

This specification was released under the “ISA Open Metadata Licence v1.1” that can be retrieved from <https://joinup.ec.europa.eu/category/licence/isa-open-metadata-licence-v11>



RDF Schema



XML Schema

XML schema builds on Universal Business Language

Re-uses information elements provided by Core Components Technical Specification (CCTS) of UN/CEFACT



Let's look at the second element

Catalogue | Library |
Repository | List | Collection

ADMS

ASSET
DESCRIPTION
METADATA
SCHEMA

Platform

Semantic Policy
document

Metadata Specification

Metadata Schema

Controlled Vocabulary
Mapping Specification

Syntax Specification
Code List

...

Describe using ADMS
RDF / XML

Rest Web
Services

E-mail

Upload on
Joinup

Harvestin
g

Other platforms

joinup



15 Partner organisations

6 partner organisations from Members States



2 partner organisations from European Institutions



3 partner organisations from Standardisation Bodies



4 partner organisations from other stakeholders





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Search

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

Content Users Issues

Node type

Repository of origin

XRepository

Publisher

- Unknown Publisher (38)
- Arbeitskreis I der Innenministerkonferenz (22)
- Bundesministerium des Inneren (18)
- KoopA ADV (10)
- Federal Office for Migration and Refugees (6)
- Bundesministerium des Inneren im Auftrag der Bund Länder Arbeitsgruppe NWR_Vorhaben Deutschland Online Nationales Waffenregister (4)

Search

Advanced search helps you navigate through content available on Joinup by (de)selecting the

Enter your keywords

 Sort by

Retain current filters



Download

xFall Specification - Documentation

Created by [Joinup Federation Support](#) | 04 January 2013 | 1.0

xFall is an XML data set for the transmission of a complete, case-specific application process application, for ease of reading. An application consists of the main application with the internal work flow of the involved parties is not part of the execution, and is not considered.

<https://www.xrepository.deutschland-online.de/Inhalt/urn:uuid:1fc3731e-aabb-4bfa-8ee6-88307834a1f6.xhtml#1> German xFall Spezifikation -

SE: The Swedish Centre for Terminology, Flat terminology repository, yhteentoimivuus.fi

UK: GovTalk

DK: Digitaliser.dk, arbejdsgangsbanken.dk

EE: RIHA

LV: IVIS portal

DE: XRepository

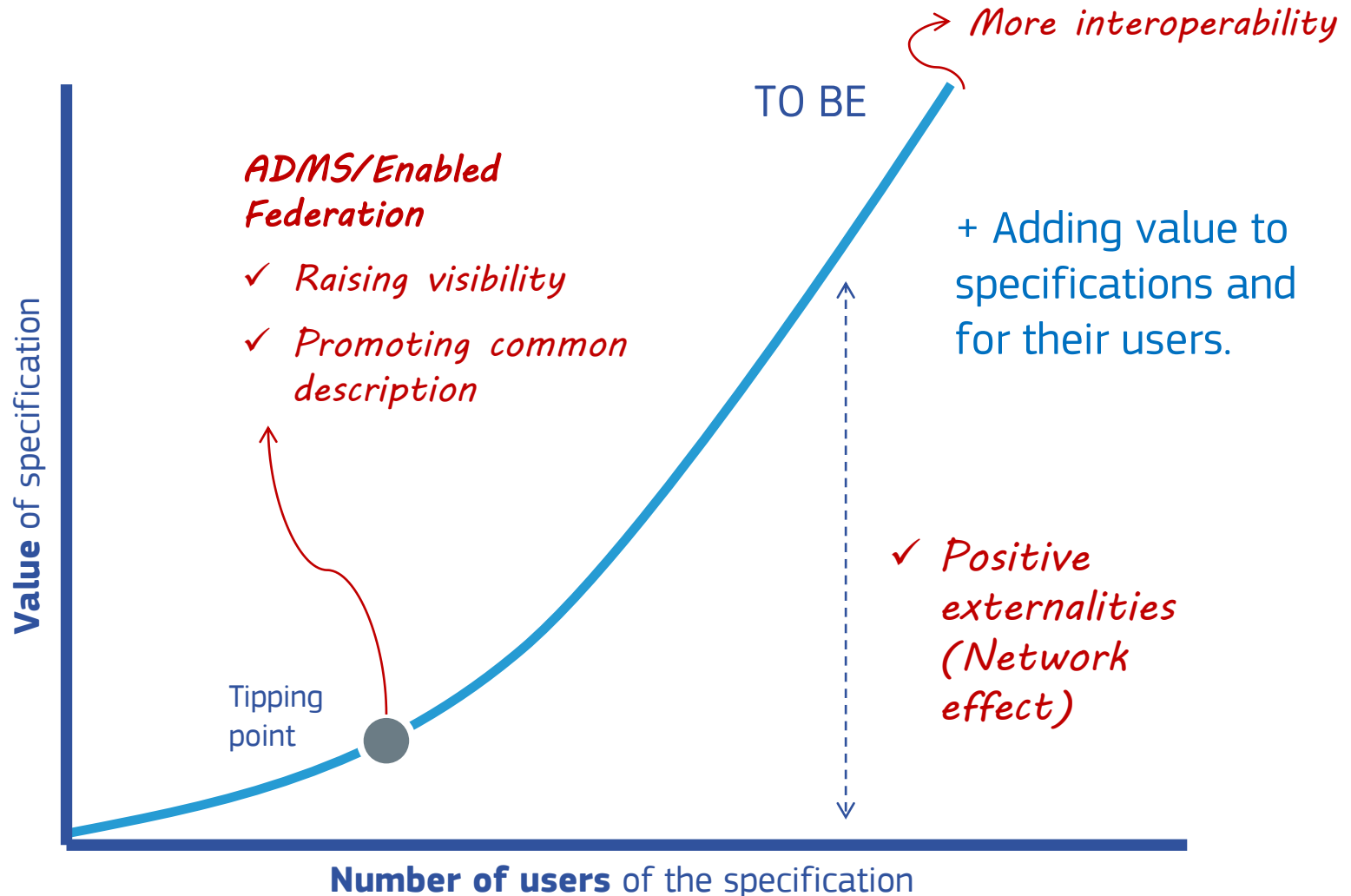
FR: MDC

ES: MPTAP

Other labels: ONKI, FI, NL, CZ, P, IS



What is the value created?





How can you join?

1 MAP ADMS

Build a mapping from a native schema to ADMS

Use ADMS as a native metadata description schema

Annotate assets manually with ADMS and publish them on the web

Use the ADMS editor to annotate assets manually on Joinup

2 CREATE ADMS file

Use a dedicated exporter that transforms the current representation of the specifications into ADMS

Use the webpage on Joinup: web form to encode the ADMS file directly on Joinup

Create manually the file using a text editor or a form.

Use the ADMS editor on Joinup: web form to encode the ADMS file directly on Joinup

3 TRANSMIT ADMS file

Send the ADMS description (RDF/XML format) to Joinup via REST Web Services

Send the ADMS description (spreadsheet or RDF/XML format) to Joinup via e-mail

Publish the ADMS Joinup via e-mail description on the Web (RDF/XML format), so Joinup can harvest it

Upload manually the ADMS description (spreadsheet or RDF/XML format) on Joinup

Number of assets in the repository





Why using ADMS and joining the federation?

Add metadata to your specifications so that they are easy to understand

Federate your specifications so that they are easy to find



and



REUSE



We provide support



Federation Support Service – Contact us
<https://joinup.ec.europa.eu/contact>



Download

Federation Brochure

<http://joinup.ec.europa.eu/elibrary/document/adms-enabled-federation-semantic-asset-repositories-brochure>

ADMS Brochure

<https://joinup.ec.europa.eu/elibrary/document/adms-brochure>



Contact

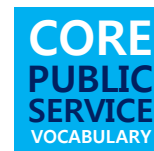
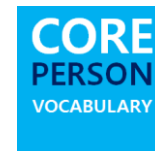
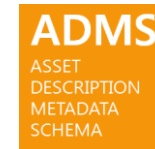
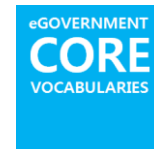
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