European Commission

DCAT-AP

Promoting interoperability of data catalogues in Europe

ISA²

THE ISA² PROGRAMME

The ISA² programme supports the development of **digital solutions** that enable public administrations, businesses and citizens in Europe to benefit from **interoperable** digital public services.

Goals of the programme

- Promote a holistic approach to interoperability
- Cross border, cross sector and user centric public administrations
- Identify, create and operate interoperability solutions
- Facilitate the reuse of interoperability solutions by European public administrations.

Policy context

Contributes to the implementation of the **eGov Action Plan** (2016-2020) and the **EIF**

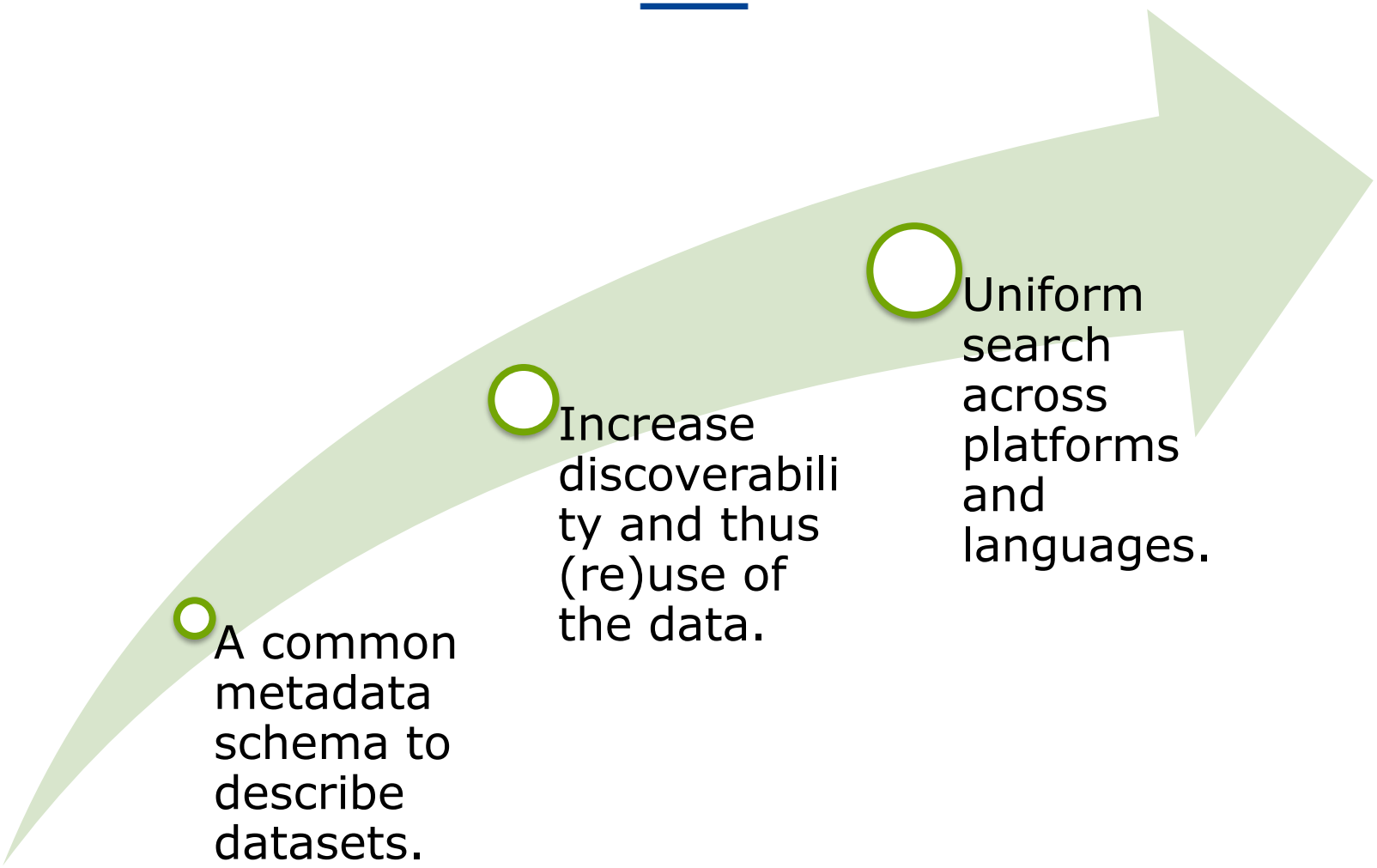
Contributes to completing the **DSM**

Importance stressed in the **Ministerial eGov Declaration from Tallinn of 6 October 2017**

Contributes to many EU policies, e.g. Open data initiative (the PSI directive), *the Once Only Principle*, Single Digital Gateway, etc.

Complements other EC programmes, e.g. CEF.

DCAT-AP


A common metadata schema to describe datasets.
Increase discoverability and thus (re)use of the data.
Uniform search across platforms and languages.

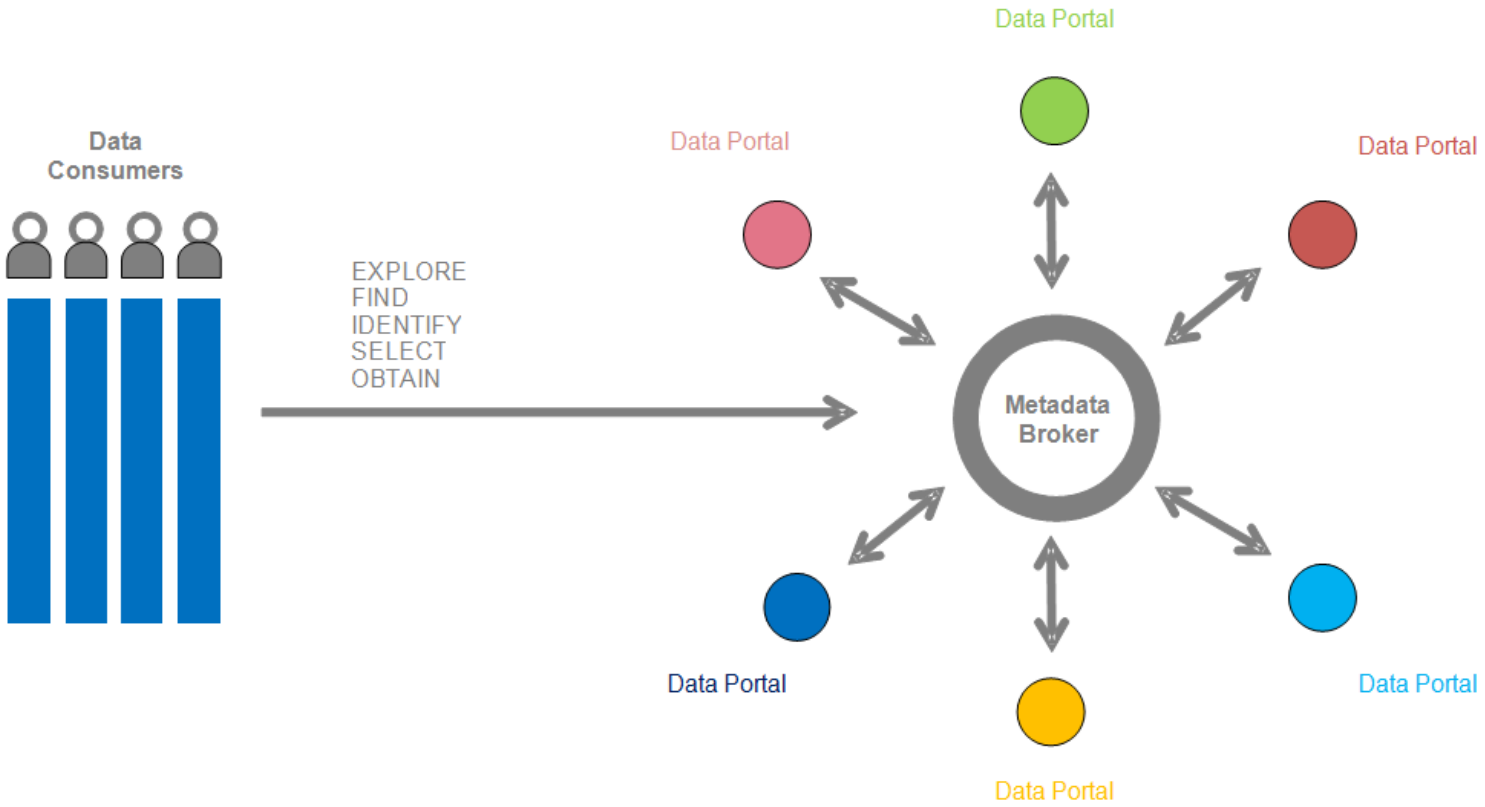
… a shared initiative

European Commission
Directorate General for Communications Networks, Content & Technology (DG CONNECT)

An international Working Group of experts:

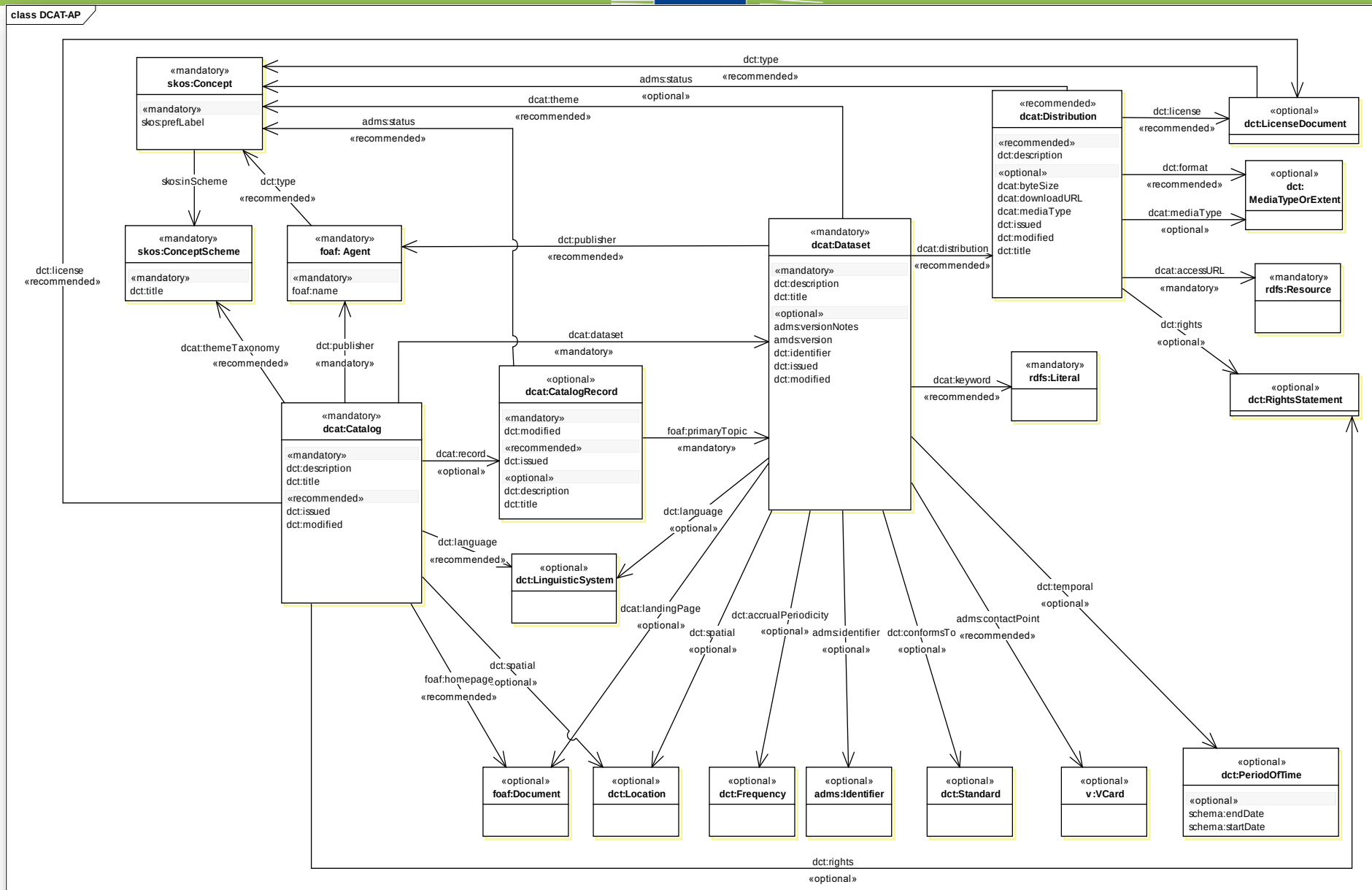
- Chair: Antonio Carneiro (EU Publications Office)
- 59 Working Group members representing:
  - 15 different EU Member States
  - US
  - Several European Institutions and international organisations
  - 40 different Data Portals

DCAT-AP enables the exchange of dataset metadata between portals



What's in the specification?

A common vocabulary for describing datasets hosted in data portals in Europe, based on the Data Catalogue vocabulary (DCAT).


class DCAT-AP
«mandatory»
skos:Concept
«mandatory»
skos:prefLabel
skos:inScheme
dct:type
«recommended»
dct:type
«recommended»
adms:status
«optional»
dcat:theme
«recommended»
adms:status
«recommended»
«recommended»
dcat:Distribution
«recommended»
dct:description
«optional»
dcat:byteSize
dcat:downloadURL
dcat:mediaType
dct:issued
dct:modified
dct:title
dct:license
«recommended»
«optional»
dct:LicenseDocument
dct:format
«recommended»
«optional»
dct:
MediaTypeOrExtent
dcat:mediaType
«optional»
«mandatory»
skos:ConceptScheme
«mandatory»
dct:title
«mandatory»
foaf: Agent
«mandatory»
foaf:name
dct:publisher
«recommended»
«mandatory»
dcat:Dataset
«mandatory»
dct:description
dct:title
«optional»
adms:versionNotes
amds:version
dct:identifier
dct:issued
dct:modified
dcat:distribution
«recommended»
dcat:accessURL
«mandatory»
«mandatory»
rdfs:Resource
dct:rights
«optional»
«optional»
dct:RightsStatement
dct:license
«recommended»
dcat:themeTaxonomy
«recommended»
dct:publisher
«mandatory»
dcat:dataset
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«optional»
dcat:CatalogRecord
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dct:modified
«recommended»
dct:issued
«optional»
dct:description
dct:title
dcat:keyword
«recommended»
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dct:title
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«mandatory»
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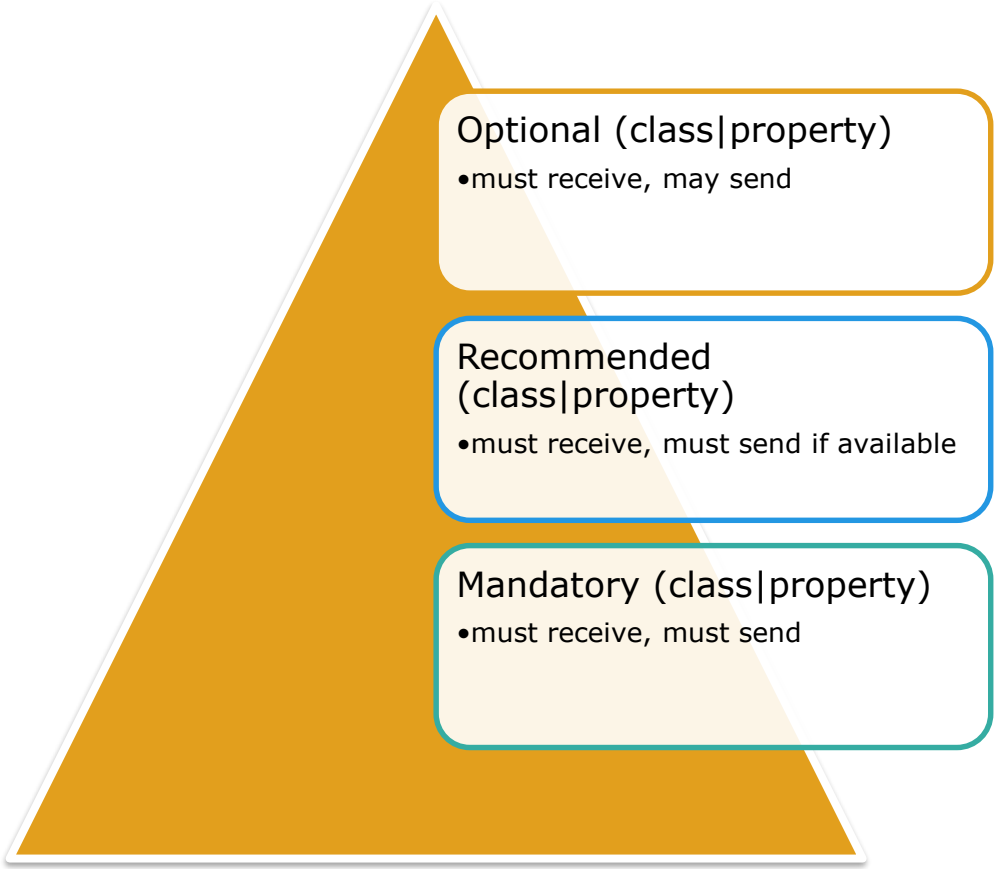
dct:language
«recommended»
«optional»
dct:LinguisticSystem
dcat:landingPage
«optional»
dct:spatial
«optional»
dct:accrualPeriodicity
«optional»
adms:identifier
«optional»
dct:conformsTo
«optional»
adms:contactPoint
«recommended»
dct:temporal
«optional»
dct:spatial
«optional»
foaf:homepage
«recommended»
«optional»
foaf:Document
«optional»
dct:Location
«optional»
dct:Frequency
«optional»
adms:Identifier
«optional»
dct:Standard
«optional»
v :VCard
«optional»
dct:PeriodOfTime
«optional»
schema:endDate
schema:startDate
dct:rights
«optional»

Use of the DCAT Application Profile



Scottish Road Accident Statistics

dct:title (Dataset)

Data about injury road accidents, accident costs, vehicles involved, drivers and riders, drink-drive accidents, drivers breath tested, casualties and international comparisons.

dct:description

Source agency: Scottish Government

Designation: National Statistics

Language: English dct:language

Alternative title: Scottish Road Accident Statistics

Licence

dct:license

UK Open Government Licence (OGL) OPEN DATA

Data Resources 2

Dcat:accessURL

Key statistics for 2007	Details	Download
2007 Volume	Details	Download

dct:title (Distribution)

dcat:downloadURL, dct:issued, dct:format, dct: description

Additional Information

Openness score	☆ ☆ ☆ ☆ ☆
Geographic coverage	Scotland dct:spatial
National statistic	yes
ONS Category	Travel and Transport dct:theme
Temporal coverage	No value dct:temporal
Date added computed	No value
Date updated computed	No value

dct:publisher

Publisher

Scottish Government

Enquiries:

No details supplied

FOI Contact: adms:contactPoint

- Web: http://www.whatdotheyknow.com...

Tags

accident, health-well-being-and-care, road, road-accidents, road-safety, roads, safety, transport, transport-accidents-and-casualties, travel-and-transport

dcat:keyword

About this dataset

dct:issued

- **Added to data.gov.uk:** 10/12/2011
- **Modified on data.gov.uk:** 10/06/2013
- History of changes
- JSON, API and URI for developers

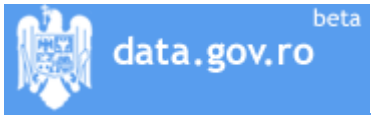
dct:modified

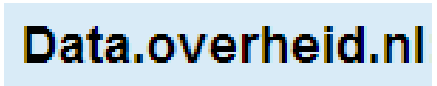
Do more with this data

- Share your app
- Share an idea
- Request new data

Tweet Share Google +1

Who is using the DCAT-AP?





ISA² Action SEMIC – http://semic.eu

contact@semic.eu

Visit our initiatives

ADMS ASSET DESCRIPTION METADATA SCHEMA

DCAT APPLICATION PROFILE FOR EUROPEAN DATA PORTALS

ADMS.SW

REGISTERED ORGANIZATION VOCABULARY

eGOVERNMENT CORE VOCABULARIES

CORE PUBLIC SERVICE VOCABULARY

CORE LOCATION VOCABULARY

CORE PERSON VOCABULARY

Get involved

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SEMIC 2018
Semantic Interoperability Conference
Linked Digital Public Administrations
14 June 2018 - Sofia, Bulgaria
#SEMIC2018
@EU_isa2
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