Core Public Event Vocabulary – Italian Application Profile
in the national network of ontologies OntoPiA
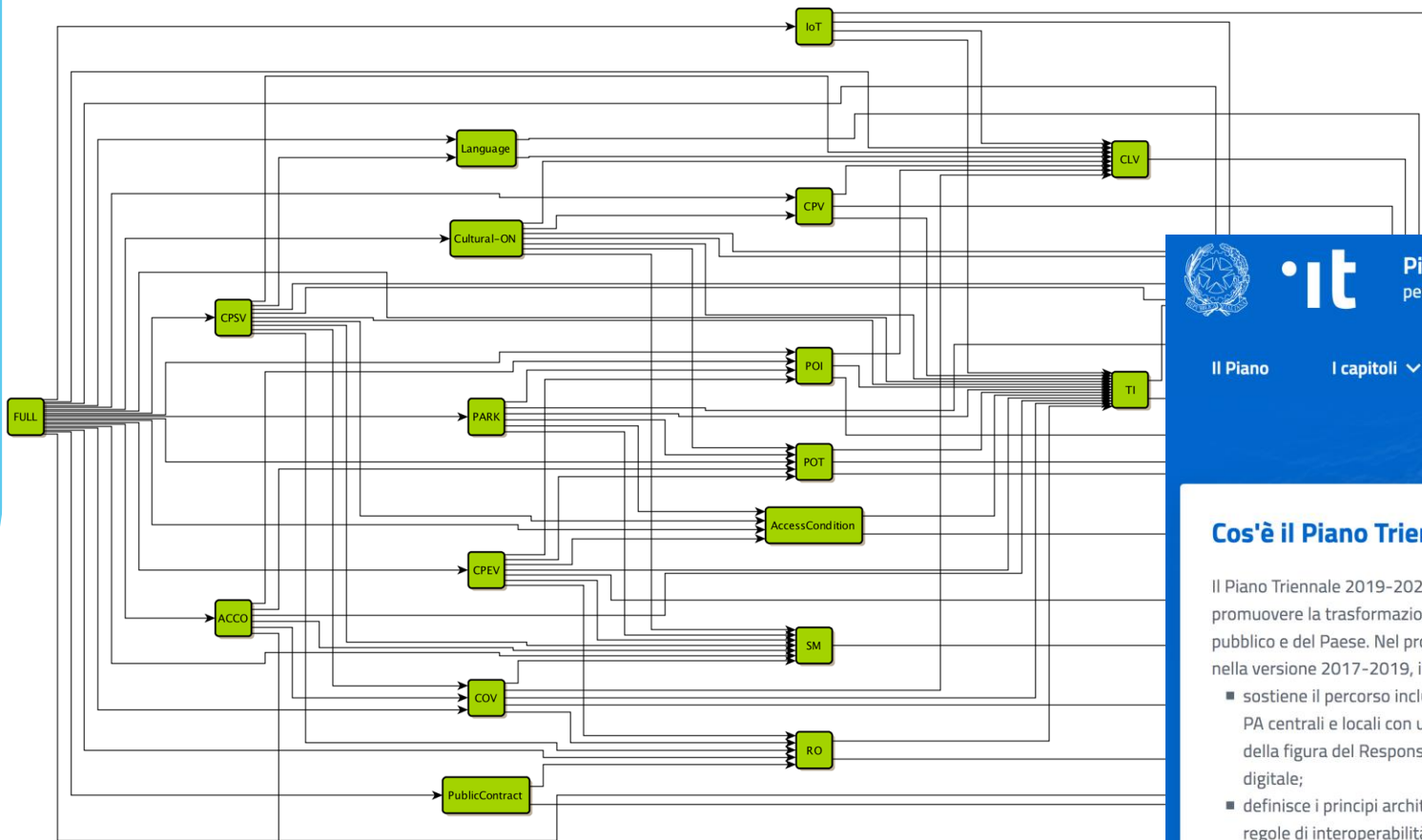
Giorgia Lodi

IT Consultant at Agenzia per l'Italia Digitale

AGID
Agency for Digital Italy

OntoPiA is the national network of ontologies and controlled vocabularies, one of the data assets mentioned in the strategic document "three year ICT Plan for Public Administrations (2019-2021)"

OntoPiA – Ontological Stack

Domain Level

Domain ontologies

Accommodation facilities, IoT, **Public Events**, Cultural Heritage, Cultural Sites/Events, Parking, Public Services, Public Contracts, Routes, Atlas of Paths, Transparency Obligation

Supporting Level

Supporting ontologies

Time, Roles, Measurment Units, Price/Offer/Ticket, SocialMedia/Internet/ContactPoint, Point of Interest , Language, Access Condition

Core Level

Core Ontologies

POL pattern – Person, Organization, Location/Address

Foundational Level

Top Level Ontology - L0

Metadata ontologies (DCAT-AP_IT, ADMS-AP_IT)

(Linked Open Data)- based Controlled Vocabularies (e.g., EducationalLevel, Ateco2007, Cofog2009, Licence, **Public Event Types**, Transparency titulus, Academic-disciplines, etc.)

https://github.com/italia/daf-ontologie-vocabolari-controllati

Technical approach in a nutshell

V. Presutti et al "The role of ontology design patterns in linked data projects", *In Proc. of International Conference on Conceptual Modeling (ER) 2016*

CPEV-AP_IT

https://w3id.org/italia/onto/CPEV
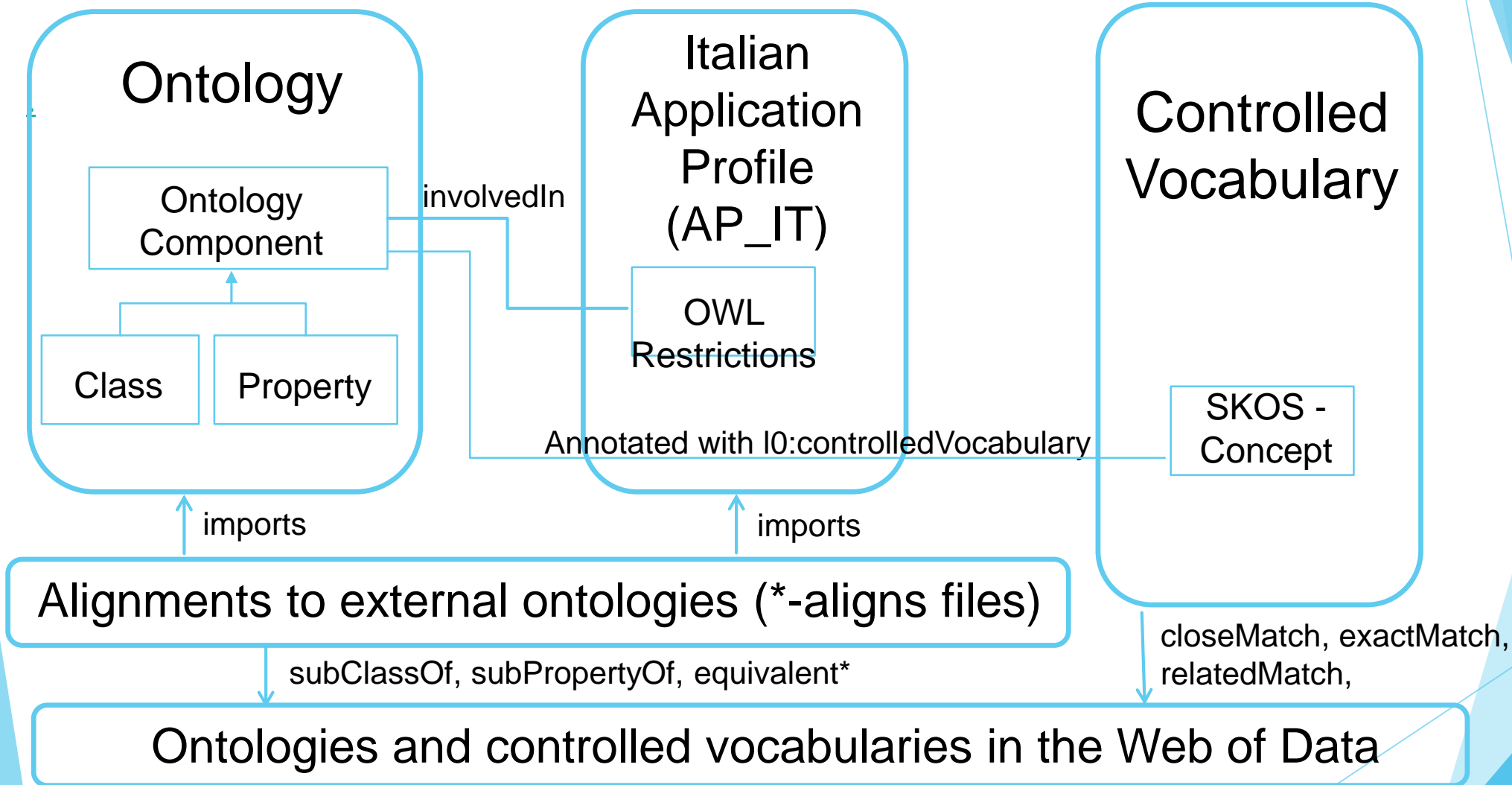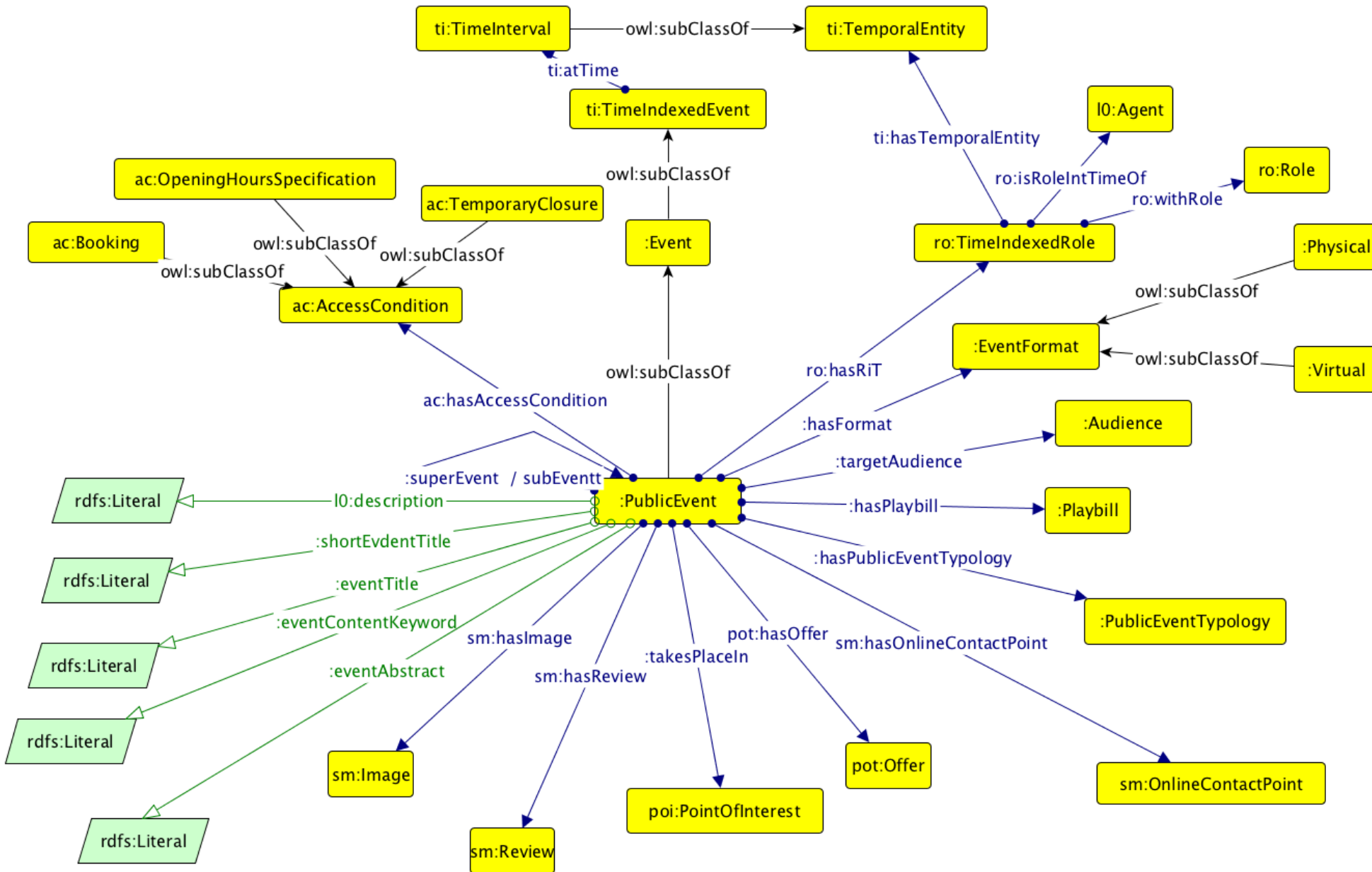
Alignment with European CPEV

https://github.com/italia/daf-ontologie-vocabolari-controllati/blob/master/Ontologie/CPEV/latest/CPEV-aligns-AP_IT.ttl

```
<https://w3id.org/italia/onto/CPEV/Audience> a owl:Class ;
    rdfs:isDefinedBy <https://w3id.org/italia/onto/CPEV> ;
    owl:subClassOf <http://schema.org/Audience> .


<https://w3id.org/italia/onto/CPEV/PublicEvent> a owl:Class ;
    rdfs:isDefinedBy <https://w3id.org/italia/onto/CPEV> ;
    owl:subClassOf <http://data.europa.eu/m8g/PublicEvent>,
        <http://schema.org/Event> .


<https://w3id.org/italia/onto/CPEV/hasFormat> a owl:ObjectProperty ;
    rdfs:isDefinedBy <https://w3id.org/italia/onto/CPEV> ;
    owl:subPropertyOf <http://data.europa.eu/m8g/format> .
```

Public Event Types Controlled Vocabulary

https://w3id.org/italia/controlled-vocabulary/public-event-types

3 layers with the first one consisting of the following elements:
- Cultural Event
- Social Event
- Politcal Event
- Business Event
- Sport Event

Public Event

https://w3id.org/italia/controlled-vocabulary/public-event-types

<http://dati.gov.it/onto/dcatapit#Dataset>

rdfs:**comment**	EN IT
	Classification of the public events

dct:**modified**	2019-07-23	xsd:date
rdfs:**label**	EN IT	
	Public Event	
owl:**versionInfo**	0.2 - il vocabolario è stato completamente rivisto dalla sua versione 0.1, considerata ora deprecata. Ogni voce del presente vocabolario include una nota di riferimento al precedente, ove applicabile @it	
dct:**description**	EN IT	
	Classification of the types of Public Events. The classification is aligned with schema.org.	
dct:**identifier**	agid:D.11	
dct:**issued**	2017-10-17	xsd:date
dct:**title**	EN IT	
	Types of Public Events	
dcat:**keyword**	EN IT	
	event	
	public event	
	spare time	

CPEV-AP_IT: practical use cases

- New kit for building standardized Municipality's institutional web sites
  https://designers.italia.it/kit/comuni/

- Open Agenda available in the national software reuse catalogue
  https://developers.italia.it/it/software/c_a116-opencontent-openagenda.html

Thanks for the attention!