

Meeting Minutes – Webinar 06/10/2021

Core Vocabularies 2.0 Webinar #3

Project	Action 2016-07 Promoting semantic interoperability amongst the EU Member States	Meeting Date/Time	06/10/2021 10:00-12:00 PM (GMT+1)
Meeting Type	Webinar	Meeting Location	Cisco Webex Meetings
Meeting Coordinator	Makx Dekkers	Issue Date	13/06/2021

Meeting Agenda

1. Welcome
2. Context of the revision process of the Core Vocabularies
3. Proposed changes to the Core Vocabularies
 - a. General changes
 - b. Core Person
 - c. Core Location
4. Wrap-up: actions and timeline

Presentation and meeting details: <https://joinup.ec.europa.eu/collection/semantic-interoperability-community-semic/event/core-vocabularies-revision-webinar-6th-october-2021>

Attendee Name		Organisation/Country
Agota Nemeth	AM	Hungary
Aleksandra Lavreneva	AL	PwC
Ana Rosa	AR	Spain
Andreea Pasare	AP	Romania
Anna Ingram	AI	Denmark
Antonella Lunelli	ALu	Italy

Antonio Barretta	AB	Italy
A Westera	AW	?
Bart Hanssens	BH	Belgium
Bert Van Nuffelen	BVN	Tenforce
Costas Simatos	CS	Belgium
Denis Dechandon	DD	European Union
Dimitri Schepers	DS	PwC
Dimitris Zeginis	DZ	Greece
Emidio Stani	ES	PwC
Erik Hagen	EH	Norway
Ettan Bramson	EB	Sweden
Eugeniu Costetchi	EC	European Union
Florian Barthelemy	FB	PwC
Francesca Gleria	FG	Italy
Franck Cotton	FC	France
Giampaolo Sellitto	GS	Italy
Giorgia Lodi	GL	ISTC - CNR Italy
Håvard Kvernelv	HK	Norway
Hide Yasui	HY	Japan
Igor Trickovic Rifelj	ITR	Slovenia
Iraklis Varlamis	IV	Greece

Ismael Arribas	IA	Spain
Jerry Dimitriou	JD	TOOP
Jim Yang	JY	Norway
Jorge Sousa	JS	Portugal
Kenji Hiramoto	KH	Japan
Kitano Naho	KN	Japan
Konstantinos Raptis	KR	UPRC
Kuldar Taveter	KT	Estonia
Makx Dekkers	MD	Independent consultant
Marco Lioi	ML	Italy
Matteo Previdi	MP	Italy
Mattias Ekhem	ME	Sweden
Mervi Kylmänen	MK	Finland
Miguel Angel Gomez Zotano	MAGZ	Belgium
Miha	?	SLO?
Morten Borrebaek	MB	Other
Natalie Muric	NM	European Commission
Norman Calleja	NC	Malta
Olivier Debondt	OD	Belgium
Ondrej Kerka	OK	Czechia
Ondrej Medovic	OM	?

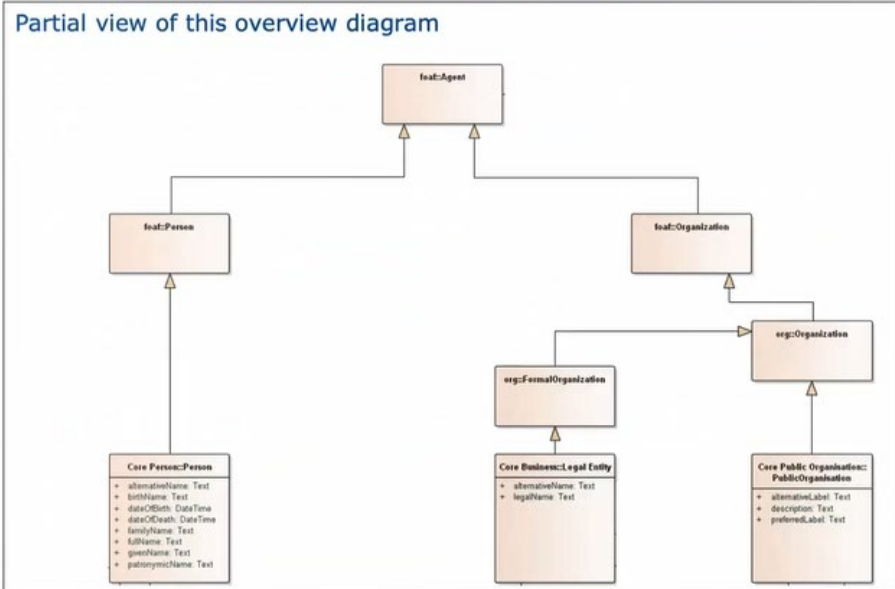
Pavlina Fragkou	PF	European Commission
Peter Burian	PB	European Union
Peter Bruhn Andersen	PBA	Denmark
Peter Winstanley	PW	Semantic Arts
Riitta Alkula	RA	Finland
Rob Walker	RW	United Kingdom
Roelof de Graaf	RDG	Netherlands - Eucaris
Sabine Maennel	SM	Switzerland
Sander Van Dooren	SVD	Belgium
Sebastian Sklarss	SS	Germany
Sedivec Tomas	ST	Czechia
Seth van Hooland	SVH	European Commission
Sjaak Kempe	SK	Netherlands
Sven Rostgaard Rasmussen	SRR	Denmark
Tamas Demeter	TD	Hungary
Tarja Myllymäki	TM	Finland
Thomas D'haenens	TD	Belgium
Werner Vanborren	WV	European Union

Summary of the meeting

Topic	Summary
Welcome	<ul style="list-style-type: none">• Seth van Hooland (SVH) opened the webinar by welcoming the participants and presented the objectives of the webinar.
Context of the revision process of the Core Vocabularies	<ul style="list-style-type: none">• Pavlina Fragkou (PF) presented the planning of the revision process of the Core Vocabularies and specified that this webinar will be dedicated to the Core Person and Core Location Vocabularies. PF also introduced the definition of e-Government Core Vocabularies: "The e-Government Core Vocabularies are simplified, re-usable, and extensible data models that capture the fundamental characteristics of a data entity in a context-neutral and syntax-neutral fashion."
General changes	<ul style="list-style-type: none">• Dimitri Schepers (DS) introduced the different types of issues that will be discussed during the webinar.• DS mentioned that the suggestions which were raised with regard to representing the vocabulary in UML/HTML will be taken into account when creating the new specifications.• DS presented the approach for terminology and definitions in the Core Vocabularies. The solution is twofold:<ul style="list-style-type: none">○ A document with rules for writing definitions of the Core Vocabularies was created and is available on Github. DS gave an overview of the included rules.○ Existing definitions were reviewed and adapted where needed. The rules were applied to the maximum extent possible, without changing the semantics of the definitions.
Proposed changes to the Core Person Vocabulary	<p>Need to conflate CPV, CPOV and CBV into a CAGV (Issue #5 and #6)</p> <ul style="list-style-type: none">• DS proposed to clarify the relationships among the Core classes (Person, Public Organisation and Legal Entity) and their relationship with the Agent class via creating an overview diagram of the Core Vocs and by adding placeholders in the respective Core Vocs.

Harmonisation of Core Vocs

We are working on a consolidated diagram of all ISA² assets.

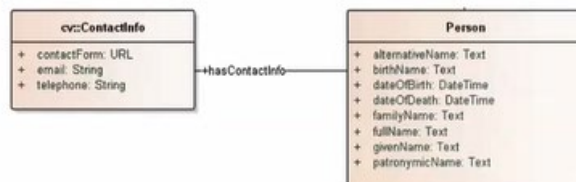


- Kuldar Taveter (KT) asked whether the Core Person Vocabulary also includes the Life Event concept. DS clarified that it does not, as this will be tackled by a separate issue later on.
- Giorgia Lodi (GL) commented that org:Organisation is not a subclass of foaf:Organisation, but is an equivalent class. DS responded that this will be checked and corrected by the editorial team.

Revise Agent and potentially add contact details ([Issue #5](#))

Proposition:

We propose to add contact details as a generic concept with some properties to the different Core Vocabularies.



- GL asked for a clarification of a contactForm for a Person. MD responded that this is not correctly represented in the diagram, as contactForm is not relevant for a Person. This shows why the ContactInfo class should be added at the level of the subclass (Person, PublicOrganisation and LegalEntity) and not at the level of Agent, as not all properties are relevant for all subclasses.
- Sebastian Sklarss (SS) proposed to add a channel property

with a codelist (email, contactform url, phone, twitter) and to specify the exact value (number, url, ...) in a second property. DS mentioned that this concerns a modelling decision. Bert Van Nuffelen (BVN) added that the approach above is equivalent to Sebastian's proposition. MD concluded that the proposed solution is the simplest one for now.

- Sjaak Kempe (SK) asked whether a Person should be able to control who receives his ContactInfo. MD responded that this is out of scope for the Core Vocabulary.
- Jim Yang (JY) raised the question why a new class cv:ContactInfo is created instead of using an existing one like vard:Kind. MD replied that it is the objective to remove the dependency on other vocabularies, although vard:Kind might be used to implement this class. The editors will take this into account.
- Costas Simatos (CS) asked how the distinction will be made between e.g. work email, personal email, and also between multiple personal emails. MD responded that this can be added in more complex cases. These are however currently not included in the Core Vocabulary. Note that the Core Vocabularies do not impose cardinalities, so multiple instances of the same property (e.g., email) can be captured.
- An agreement was made to apply the proposition of the editorial team, and to consider the comments of GL and JY.

Adaption of the gender for intersex and/or transgender people ([Issue #7](#)) - Concept definition for gender ([Issue #13](#))

- DS specified that a dedicated working group has been created to investigate this issue. It was decided to await their conclusion and adopt their recommendation.

BirthDate as xsd:Date is insufficient; incomplete birth dates do exist. ([Issue #17](#))

- DS made a recommendation to use EDTF (ISO 8601-2:2019) for unknown or partially known dates.
- Working group agreed with this proposition.

Core Change Vocabulary ([Issue #10](#))

- DS proposed to consider the Core Change Vocabulary as future work and invited the community to provide us with their use cases.
- JY clarified whether a Core Event Vocabulary with Change should be included, next to the Core Public Event Vocabulary that already exists. DS responded that this is indeed the question to be solved, but that use cases are needed to properly understand this.
- KT added that an Event should be ontologically defined within the Core vocabularies. MD replied that the editorial team wants to understand what the requirements are, and invited KT to share his use case on GitHub. SVH added that all use cases need to be carefully analysed in order to provide a long-term

plan.

- GL mentioned that there is plenty of literature on events and ontology design patterns that can be re-used. MD asked her to share the links on GitHub.
- The Working Group agreed with the proposition.

Remove dependence on schema.org ([Issue #30](#))

- DS proposed to create equivalent URIs within the SEMIC namespace.
- Anna Ingram (AI) noted that no reuse of schema.org requires solid argumentation. DS clarified that in the last webinar it was agreed that schema.org is not a democratic working group and does not always take provided feedback into account.
- SS asked what gender codelist/URIs to use as the skos:Concept. MD responded that this is part of the working group, which is looking at sex and gender, therefore we will have to wait and listen to the experts and adopt what they will propose.

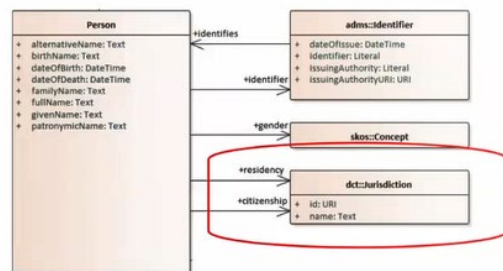
Clarification of the Jurisdiction class ([Issue #15](#)) - Clarification of Administrative Unit ([Issue #17](#))

Proposition:

Jurisdiction: *Limits or territory within which authority may be exercised.*

Administrative Unit: *Unit of administration where a Member State has and/or exercises jurisdictional rights, for local, regional and national governance.* (Source: INSPIRE)

To suggest the use of the administrative unit code lists ([ATU](#) and [LAU](#)) of the OP for the values of the *id* and *name* properties in Jurisdiction.



Do you agree with this proposition?

- Working group agreed with the proposition.

Add a way to express that a givenName or a familyName does not exist ([Issue #19](#))

- DS mentioned that handling partial names is application-specific and is out of scope of a Core Vocabulary. Therefore, DS proposed not to change anything.
- Sebastian Sklarss commented that eIDAS does enforce this. DS agreed but stated that eIDAS created an application profile of Core Person, which is stricter than the Core Vocabulary, which is not part of the Core Vocabulary scope.
- Working group agreed with the proposition.

Addition of a Name class ([Issue #23](#))

- DS stated that modelling historical data for persons, e.g. changes in names, gender, citizenship etc. over time, is

currently out of scope and may be considered for future work. DS invited the community to provide their use cases.

- GL commented that there is a design pattern for this, for instance the value in [time ontology design pattern](#). MD responded that it can be a valuable pattern to consider in the future. He added that the editorial team does not have enough information at the moment to do the modelling right, therefore the working group's use cases are needed.
- SS stated that next to only looking at complex cases, simple ways of doing things are needed for common changes that appear. MD reassured him that it will be taken into account.

Add matronymic name ([Issue #25](#))

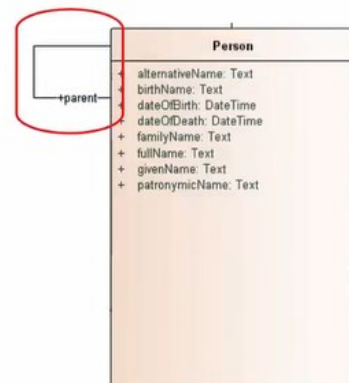
- DS asked the working group whether this exists in the EU, and if so to provide use cases.
- SS commented that for the sake of gender equality, if there is the patronymic property, why not add matronymic as well. MD responded that there is no need to add things which might not be used.
- Riitta Alkula (RA) mentioned that in Finland matronymic names exist.
- Miguel Angel Gomez Zotano (MAGZ) stated that in Spain the given name of the mother is placed after the father's name. MD clarified that in Spain it concerns the surname, which is not part of this issue.
- It was agreed to take the issue to GitHub and agree once specific use cases are provided.

Addition of Parents' names: Parent 1 and Parent 2 ([Issue #22](#))

Proposition:

- Add relationship {Person parent Person}
- Definition: *Person who is the father or mother of the Person.*

Do you agree with this proposition?



- SS commented that the definition "father or mother" is very challenging in today's time. DS agreed, but mentioned that within the Core Vocabulary no distinction will be made between mother and father (nor between biological and adoptive), as it will be kept generic. MD added that the proposal concerns the way of linking parents to a person.
- Cecile Guasch (CG) asked whether there is a need to know the

person of reference, more specifically to identify whether the mother or the father will take care of legal issues. MD responded that this has regard to an application of the Core Vocabulary, and that only the link is identified not the reason behind identifying that relationship.

- GL mentioned that in Italy there is specific regulation regarding this. She suggested identifying a relationship that is more general without identifying the type of relationship (being a parent). MD replied that the question here was to provide a functionality to identify a parent relationship.
- The decision was made to withdraw the current proposal, as the issue which was raised is more complicated than simply adding a parent relationship. This issue will be closed, and a new more generic issue will be added to GitHub for further action.

Character set (syntactic interoperability) ([Issue #26](#))

Proposition:

We recommend to use UTF-8.

Further syntactical standardisation is out-of-scope for the Core Vocabularies as it will be application- or context-specific.

LangString can be used to indicate both the language and script used, e.g.

- "Αθήνα"@gr-Grek (the Greek endonym written in the Greek script)
- "Athína"@gr-Latn (the standard Romanisation of the endonym)
- "Athens"@en (the English language exonym)

- Working group agreed with the proposition.

Birth and Death as (life) events ([Issue #27](#))

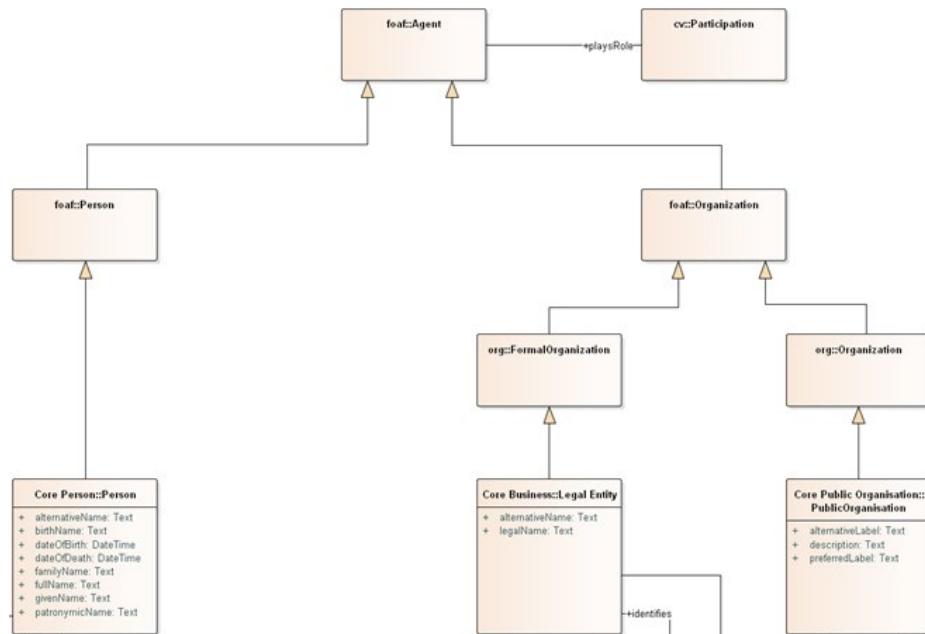
- DS proposed not to remove the simple case which is currently in place, and to keep the alignment with eIDAS. He added that it might be useful for life events to tackle more use cases than those currently covered by Core Person and invited the working group to share their use cases w.r.t. Birth and Death events.
- KT added that Birth and Date are examples and should be more generally considered as Life Events.
- The decision was made to consider this issue as future work. The working group was invited to contribute to this issue by sharing their use cases.

Definition of date of birth/death ([Issue #28](#))

- DS proposed a new definition "Date on which the Person was born / died.", which is in line with the rules of ISO 11179.
- Working group agreed with this proposition.
- Ana Rosa (AR) asked whether time could be useful. SS proposed to replace Date with DateTime. DS responded that in the previous webinar it was agreed to keep it at Date.
- GL proposed to make both possible: provide Date or DateTime. Working group agreed with this proposition.

Role / Participation ([Issue #31](#))

- DS proposed to use the Participation class as currently used within CPSV-AP:

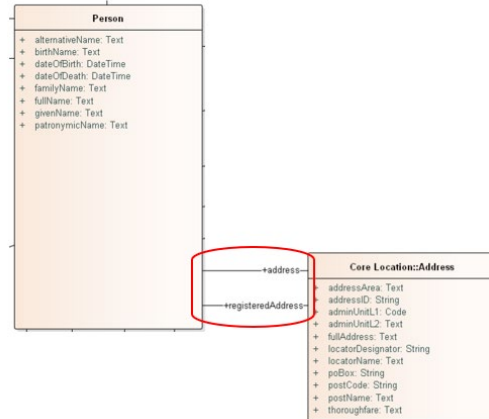


- GL asked to clarify with a description of the Participation class. DS replied that a generic definition will be made to be used at the level of the Core Vocabularies as the definition used within CPSV-AP might be too specific.
- Peter Bruhn Andersen (PBA) commented that Participation seems to be similar to `org:Membership`, and asked to explain the difference. DS clarified that Participation is broader than Membership: Membership is in relation to a certain Organisation which does not always have to be the case, e.g., the requester of a Public Service has no specific relationship ("membership") to the Public Organisation providing the service.
- It was decided to postpone the decision until people have had time to look at the definition and use of the Participation class in CCCEV and CPSV, and to decide whether it fits their needs. For now, the issue will be kept open.

Add secondary/temporary address ([Issue #32](#))

Proposition:

- To keep the *address* property as a generic superproperty that can be specialized depending on specific needs.
- To only include the *registeredAddress* subproperty in the Core Vocabularies. Other specific subproperties can be part of an application profile.



Do you agree with this proposition?

- Eugeniu Costetchi (EC) asked whether Address can have a type. BVN clarified that that is similar to qualifying addresses for different use cases. He mentioned that there are two approaches to this: either subproperties are used (as suggested above), or a more expanded motion could be used where a class is added in the middle with some code list assigned to it.

eIDAS alignment

- DS mentioned that V2.0 of Core Person does not break the alignment with eIDAS, and that the editorial team is following the update of eIDAS and will take this into consideration.

Proposed changes to the Core Location Vocabulary

Simplify structure of releases ([Issue #1](#))

- DS mentioned that after the webinars have taken place, the final distributions of the Core Vocabularies will be published and that these comments will be taken into account in order to publish user-friendly releases.

Requirements identified after the first release of LOCN ([Issue #2](#))

- DS clarified that all requirements have been addressed in the context of GeoDCAT-AP release 2 and that the issue will be closed.

Range of locn:geometry ([Issue #5](#))

Previous version

`geometry` [Literal](#), [Geometry](#) or [URI](#) Associates any Resource with the corresponding geometry.

Proposed version

`geometry` [Geometry](#) Associates any Resource with the corresponding geometry.

- We make the Core Vocabulary more restrictive than W3C.
- Backwards compatibility is still achieved.

Proposition:

- To limit the range to the Geometry class.

Do you agree with this proposition?

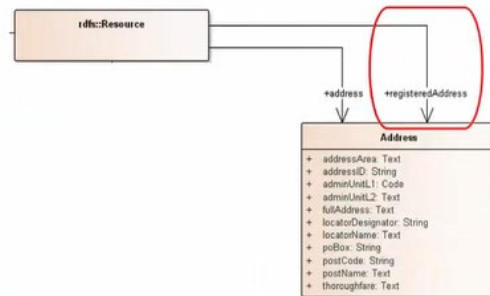
- AR disagreed with the use of geometry as some base registries do not only work with location names. MD clarified that it is not obliged to use geometry, it is one of the options. It is possible to also use address or location.
- Working group agreed with the proposition.

Address property and registeredAddress used in other EU core vocs ([#Issue 8](#)) - Registered address ([#Issue 18](#))

Proposition:

- Include the registeredAddress subproperty within Core Location

Do you agree with this proposition?



- Eugeni Costetvchi (EC) commented that it is more flexible to add a property to the Address class, that specifies the type of that address. MD replied that this is how the modelling is currently done, and that if the current modelling approach needs to be changed, it can be discussed.
- Sebastian Sklarss stressed the importance of a good definition for this property.
- Working group agreed with the proposition.

PoliticalGeocodingURI needed not only adminUnitL2 ([#Issue 12](#))

- DS proposed to use the Address class from Core Location if simplicity is needed, OR to use INSPIRE if you need a more structured representation.
- Peter Bruhn (PB) asked whether INSPIRE has a useful RDF

	<p>vocabulary. BNV shared the following link: https://github.com/inspire-eu-rdf/inspire-rdf-vocabularies</p> <ul style="list-style-type: none"> • BNV clarified that it should not be the goal of SEMIC to redo the work that has already been done in the context of INSPIRE, especially since they are the experts on this matter. • AR asked what is meant with the attribute politicalGeocodingURI. DS specified that it is intended to be a more generic property for attributes such as adminUnitL1 and adminUnitL2, which would allow to specify a number of political units for an Address. • It was decided to postpone the decision and to add the proposition to the issue on Github. <p>Is an Address a Spatial Object? (Issue #15)</p> <p><u>Current definition in Core Location</u> <i>A spatial object that in a human-readable way identifies a fixed location of a property.</i></p> <p><u>INSPIRE's definition of Address</u> An identification of the fixed location of property by means of a structured composition of geographic names and identifiers.</p> <p><u>INSPIRE's definition of Address Representation</u> Representation of an address spatial object for use in external application schemas that need to include the basic, address information in a readable way.</p> <p>Proposition: <i>Representation of an address spatial object that in a human-readable way identifies a fixed location of a property.</i></p> <ul style="list-style-type: none"> • GL asked whether Address is a spatial object or a representation of an address spatial object. BNV clarified that the definition of Core Location's Address class is aligned with the INSPIRE Address Representation definition. • No agreement was reached. It was decided to keep the issue and gather further comments on it.
<p>Wrap up</p>	<ul style="list-style-type: none"> • PF thanked everyone for their contribution and comments. She mentioned that the editorial team will create a consolidated diagram which has interconnections with other vocabularies, to better highlight the link between the different vocabularies.
<p>Next steps</p>	<p>PF presented how the discussion on Core Vocabularies will proceed:</p> <ul style="list-style-type: none"> • Core Person and Core Location: <ul style="list-style-type: none"> ◦ Feedback can still be given until the 23rd of November regarding: <ul style="list-style-type: none"> ■ https://github.com/SEMICeu/Core-Person-Vocabulary/issues ■ https://github.com/SEMICeu/Core-Location-Vocabulary/issues

- Core Business and Core Public Organisation Vocabulary:
 - Deadline for responding on GitHub issues: 2nd of November
 - Webinar: 9th of November
 - Feedback after webinar: 23rd of November
 - <https://github.com/SEMICEu/Core-Business-Vocabulary/issues>
 - <https://github.com/SEMICEu/CPOV/issues>