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SC6DI06692

Core Public Service Vocabulary
3rd ONLINE WG MEETING 2013-01-09
Meeting minutes

Core Public Service Vocabulary WG VIRTUAL MEETING 2013-01-09			
Venue	Virtual Meeting on Arkadin	**Meeting date**	2013-01-09
Author	SK	**Meeting time**	16.00 – 17:30
Reviewed by	SG	**Issue date**	2013-01-11
Status	*For review*	**Version**	0.02

Attendees	Abbreviation	Organisation
Owen Ambur	OA	AIIM StratML Committee
John Borras	JB	OASIS
Muriel Foulonneau	MF	LU – Knowledge Intensive Systems and Services Henri Tudor Research Centre
Giorgia Lodi	GL	IT – Interoperability Service Unit at Agency for Digital Italy
Paulo Lobo	PL	PT – Interoperability Unit, Agency for the Public Services Reform
Antonio Maccioni	AM	IT - Interoperability Service Unit at Agency for Digital Italy
Thodoris Papadopoulos	TP	GR - Informatics Development Agency Ministry of Administrative Reform and eGovernance
Vassilios Tountopoulos	VT	GR - ATC S.A
Carlos Veira	CV	BR - Ministério do Planejamento, Orçamento e Gestão
Neven Vrcek	NV	HR - University of Zagreb
Peter Winstanley	PW	UK - Scottish Government
Stijn Goedertier	SG	PwC EU Services
Saky Kourtidis	SK	PwC EU Services
Phil Archer	PA	W3C
Makx Dekkers	MD	AMI Consult

A total of 18 people participated in the third virtual meeting of the WG:

- 6 people from government bodies
- 3 people from European Institutions
- 2 people from standardisation organisations
- 4 people from industry

An additional 4 people also participated in the virtual meeting. Their names are not available as they did not call in via the web conference.

AGENDA

1. Welcome and tour de table for the new WG members *by Thodoris Papadopoulos*
2. Acceptance of the previous minutes *by Nikos Loutas*
3. The revised concept model, including open issues (Rules/documentation, Modelling outsourcing) *by Phil Archer*
4. Conclusion and actions ahead of next meeting (2013-01-23) *by Thodoris Papadopoulos*

The agenda of the virtual meeting is available on Joinup.

1. Welcome
Discussion

- TP introduced himself and welcomed everyone to the third virtual meeting of the Core Public Service Vocabulary Working Group (WG). He thanked everyone for their participation in and contribution to the WG.

Documentation

- **List of WG members**

| 2. Acceptance of the previous minutes |
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| Discussion |

- TP and PA thanked everyone for their review of the meeting minutes of the previous virtual meeting and invited everyone to raise comments and questions on them.

- PA explained that the ISA Programme has recently published a study on good practices for designing persistent URIs. It is available at:

  https://joinup.ec.europa.eu/community/semic/document/10-rules-persistent-uris

- PW explained that he worked with Ralf Becker in the UN Statistics Division to develop a SKOS RDF version of COFOG (Classification of Functions of Government). It is available at:

  http://unstats.un.org/unsd/cr/registry/regdntransfer.asp?f=236

- PA asked the WG members whether they have comments on the meeting minutes of the previous virtual meeting. No comments were raised. The meeting minutes are considered to be accepted.

Documentation

- **Core Public Service Vocabulary Virtual meeting minutes 2012-12-19**
- **Public mail archive**
- **Issue tracker**

3. The revised conceptual Model

Discussion
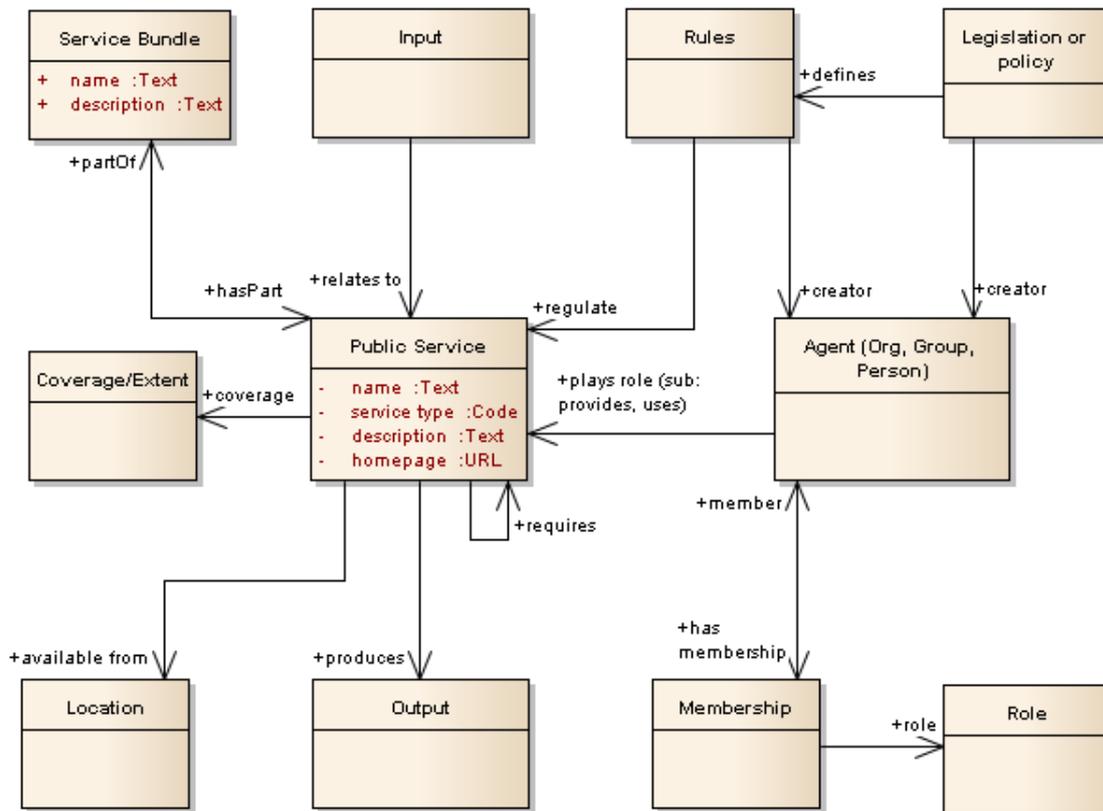
PA summarised the revised conceptual model v0.04. The following was discussed:

Input and Output

- PA mentioned that Nikos Loutas has commented on the draft specifications that a more precise definition of input and output was required.
    - PA explained the current idea that a service can have an input and an output.
    - The current specification defines inputs and outputs as *any resource – information, document, artefact – anything.*
    - He explained that StratML makes a distinction between an *output* and an *outcome*. An output can be *any resource* produced by the service. The outcome rather goes beyond the actual remit of the service and designates the *effect* of the service.
    - The input can vary but usually it is a document (artefact). The outcome is something that includes aspects beyond the service. For example, assumptions are part of the outcome. Briefly, the output is entirely controlled by the service while the outcome is not. This was also discussed during the previous virtual meeting.

    - MF said that input and output seem to be pretty vague concepts at the moment. She asked whether they are types or instances.

    - PA explained that the purpose is not to model the process of the service, just its

inputs and outputs.

- o TP suggested having a list of input types.

    - PA agreed that such a list would be useful. However, it might not be stable enough.

    - SG supported the idea of creating a short list of input types – or at least some examples of input types –, as it will make the specification more tangible. Additionally, if people use the same input types to describe a service (i.e. the same URIs), this would greatly facilitate searchability of services.
    - It was decided that SG would open a [task for the WG to provide examples of inputs and outputs](#).

- o MD asked clarification on the relationship between input and service (*'relates to'*).

    - VT suggested using *'triggers'* instead of *'relates to'*.

    - PA said that *'trigger'* could be useful but might give a different meaning to an input.

    - SG suggested using *'has input'* and invert the relationship. This wording is also used in OWL-S.

    - PA agreed and invited the WG members to give their opinion and agree to use *'has input'* as relationship between Input and Service.

    - Majority of WG members agreed.

Trigger?

- PA asked whether *trigger* should be added as a concept in the conceptual model. He explained that 'Trigger' is a concept that is often used. However, he does not have a strong feeling on whether to include it as a rule or as a separate concept.

- MD suggested including it as a concept in the conceptual model only if it cannot be modelled with an existing one.

- According to SG, a trigger could be represented as a rule, saying that the service should be provided if a particular condition is fulfilled.

- NV agreed and suggested not including it as it is too specific.

- MF agreed and said that she would be in favour not to include the concept *trigger* as it is not needed to have it as a separate entity.

- If it is agreed that a trigger is a rule, PA asked whether the *'regulate'* property would still be relevant. He suggested turning *'regulate'* into *'applies to'*.

- JB, CV MF, MD, NV and TP agreed.

Rules, Legislation and Agent

- PW said that the class 'Agent' looks similar to the FOAF agent. However, in the current conceptual model, 'Location' is a separate concept, which is not the case in FOAF.

- PA confirmed that *foaf:Person* is a subclass of *foaf:SpatialThing*. However, in the context of the Core Public Service Vocabulary, it is not necessarily needed to follow FOAF.

- MD raised his concerns with regards to the relationships between Rules, Legislation, and Agent. For example, he asked whether 'creator' would mean the organisation is responsible for the creation or the implementation of the legislation.

- PA explained that there is a clear difference between legislation and implementation. The rules are defined by the legislation and are created by the agent (This is why the relationship is *'creator'*). The legal authority is responsible for defining the rules. He said that that *'creator'* is for example used on legislation.gov.uk. It is more generic than *'responsible for'*.

- MD asked whether formal rules and rules described as natural language are separate entities.

- PA explained that rules could be described either with a natural language or a machine-processable language.

- According to TP, describing rules with a machine-processable language should be out of scope for this work.

- PA and GL agreed.

- MD said that the FRBR allows the rule to be an expression and its manifestation to be a separate concept.

- PA explained that if the scope would be limited to expressions, then making the distinction is not needed.

- MD said that in some countries with more than one official language, there can be more than one expression of the same rule.

- PA explained that the model does not have a direct association between 'Legislation' and 'Public service'. He invited the WG members to give their opinion on whether or not this association should be included in the conceptual model.

Coverage, Location (and Jurisdiction)

- MF suggested using the refinement of coverage (temporal and geographic) in the DC terms.

- PA asked how jurisdictional coverage and geographical coverage would be modelled.

- MD explained that the Dublin Core (DC) only has spatial and temporal coverage. *dcterms:coverage* refers to jurisdiction, but *dcterms:temporal* and *dcterms:spatial* do not have the notion of 'jurisdictional'. This means that we need to define a new sub-property of *dcterms:coverage* that is *dcterms:jurisdiction*. DC says "the class Jurisdiction is the extent or range of judicial, law enforcement, or other authority".

- MF asked whether it is really needed to follow the naming of the DC concepts. In some application profiles, you need to have more human-understandable names.

- PA explained that this might cause a lot of confusion because it will create a distinction between the conceptual model and the RDF vocabulary. This divided already create some confusion about the namespace documents for ADMS and the Core Location, Business, and Person vocabularies.

- MF asked whether it would be needed to create a subclass of spatial coverage for jurisdictional coverage.

- PA said that the DC terms have a class 'Jurisdiction' and a property 'spatial'.

- MF asked whether this distinction is really important.

- SG gave the following example to illustrate where the distinction may be useful: a Phil Archer could get a passport from the UK embassy in Belgium. In this case, the spatial coverage of that service would be Belgium and the jurisdiction would be the UK.

- PA said that such an example was helpful.

- MD said that he does not think this distinction is needed. Jurisdictional may also be spatial. In the case of keeping the distinction between spatial and jurisdictional, he said that he would suggest having a specific Jurisdiction property.

- MF said that she is not sure 'Jurisdiction' should be a property of 'Public service'.

- SG suggested opening an issue to discuss whether 'Jurisdiction' is needed in the conceptual model.

Location

- MF asked whether the 'Homepage' property covers virtual locations (on the Web) and 'Location' property covers physical locations.

- PA confirmed. A location has a spatial extent. It is possible to assign an address or a postcode to it; making it different from a homepage. PA suggested turning the property *'Homepage'* into a relationship that links to a class named *'Homepage'*.

Service bundle

- PA invited the WG members to give their opinion on whether or not 'Service bundle' should be kept in the model.

- It has been decided to 'Service bundle' class in the model.

Membership and Role

- PA explained that the 'Membership' and 'Role' classes are concepts that come from the Organization Ontology (originally it comes from FOAF). The objective of 'Membership' class is to help group agents together by role.

- OA said that in StratML, individual stakeholders can have multiple roles. Stakeholders can be performers or beneficiaries or both. Stakeholders can be named, identified, described, and categorized.

- PA said that role can be a provider, subcontractor, user. Sometimes agents can have

multiple roles.

- MF wondered why 'Role' was not associated with 'Public Service'.
    - PA replied that it was indirectly related to the Public Service through the Agent class.
    - SG agreed with the observation of MF and said that we probably want to express that an Agent *can have a role* in the context of a particular service. In this case, Role would represent the authorisation or capacity of performing a particular public service.

- MD commented on the above as follows.
    - One the one hand, there is the role or *function* that an agent plays in the group that he is a member of.
    - On the other hand, there is the role that an agent plays in the context of a service. MD asked whether it is needed to model agents being part of groups having particular roles.

- OA asked whether the Organization Ontology provides an identifier for each organisation. If so, the identifier can be referenced.

- It has been agreed that PA will provide an example about the usefulness of 'Membership' and 'Role' classes proposed in the conceptual model.

4. **Conclusion and actions ahead of next meeting (23 January 2013)**

Discussion

- TP and PA thanked the WG members for their participation and invited them to continue to discuss on the mailing list. TP reminded the WG members the date for the next virtual meeting: 23 January 2013 @ 16.00 CET (UTC+1) (world clock). A page has already been created on Joinup and is available at: https://joinup.ec.europa.eu/asset/core_public_service/document/core-public-service-wg-virtual-meeting-20130123

- TP informed the WG members that all questions, comments, information related to the WG will be communicated via the mailing list. He said that SK will summarize the notes and action points discussed during this call and publish them for review on Joinup by the end of the week. WG member are invited to review the minutes by 2013-01-16.

- PA will deliver a revised conceptual model based on the input received in the call.

Decision

- To open an issue to discuss whether a 'Jurisdiction' class is needed.
- To provide an example about the usefulness of 'Membership' and 'Role' classes proposed in the revised conceptual model.

Action	Task Owner	Date
SK to write meeting minutes and publish them on Joinup	SK	2012-01-14
All to review the meeting minutes.	All	2013-01-16
SK to circulate final version of the meeting minutes.	SK	2013-01-18
All to propose presentations of project for the next virtual meetings.	All	2013-01-16
PA to revise and share a new conceptual model with the WG.	PA	2013-01-11
PA to provide an example about the usefulness of 'Membership' and 'Role' classes proposed in the revised conceptual model.	PA	2013-01-11
SG to open an issue to discuss whether we need to capture the 'jurisdiction of a service'.	SG	2013-01-11
SG to open an issue for the WG to provide examples of inputs and outputs	SG	2013-01-11