

Initial Contributions

Daniel Martini: data providers and consumers | somewhat tech providers as well

- Discovery of ontologies
- Avoiding repeating the same ontologies again and again
- Simplification of setup of a infrastructure if you want to publish data

Richard Mugata: data providers | technology users

- Facilities for a better time-to-deploy possibilities
- Better documentation.

Sophie Aubin: INRA. Scientists, data consumers

- Tools shortening the time-to-use
- Target: not only thesauri, but (at least) lightweight ontologies
- Infrastructure for easy publication
- Indicators in the resource (quality)

John Ferreira: data consumer | tech providers

- Ease of use
- Documentation
- Fostering re-use of tools

Themban Malapela: data provider / consumer | tech provider

- Community tools
- Dataset editing tools

Giannis : data consumer/provider | tech provider

- Their experience with AGRIS:
 - users need to be helped closely by tech providers
 - Users (almost) never willing to install any technology in their premises, for how easy this can be

Infrastructure Outcomes:

Need for a map of user requirements populated with existing tools / data

Having an entry point (portal), providing:

- Possibility to self-describe user needs, to be oriented in choices for tools/services/data models etc..
- Pointers to tools / data by using the above map
- Facilities covering existing services/tools/data which are not, in any case, immediate to be understood for users
 - These should be provided in the form of wikis or other community-filling services
- Community human resources linking: I'm the reference pointer for that

Issues: assessing the target community size: it's not the entire world of linked data, as we want to provide an entry point for people working in agriculture, a bridge between our community and the LOD world community.

The agriculture/environment cut is not enough...the community will be still very large, though some narrowing can be taken, determined by the .

Reuse (in turn!) of existing tech/data provisioning services

Sustainability of the whole project infrastructure:

- Issue: Hosting environment options?
- We can think of a very lightweight entry point, and topic-focused services distributed across different services (such as Agrivivo) which, in any case, were pre-existing this specific project and thus are inherently sustainable beyond the end of this project.
- Consequence: make a very clear organigram of existing community portals/services (AIMS, CIARD etc..)

Sustainability of infrastructures local to specific organizations:

- Sustainability of reduced technological gap for moving to linked data inside the community:
- *especially important for Gates foundation target countries. How can we help low-resource organizations*
- *Issues:*
 - We can reduce the gap, but still many cases where:
 - No IT hardware resources
 - No IT personnel

It is not sustainable to have tech providers in the community continue to provide help continuously, but there should be the possibility to put users more in contact and share their experiences. Less pyramidal and more horizontal communication among users, speaking the same language.

Need for addressing some very important use cases with specific applications

Tools Outcomes:

- Data/Ontology/Vocabulary Editing tools
- Specific-Vocabulary-oriented tools
- Services for data interoperability (model transformation, lifting etc..)

Issues: localization: both multilingual editing and multilingual interfaces should be a must
Taking into account GIS aspects

Take a stance: on some aspects we should not be too vague, we should elect some services as electives for our community (central points for...)

We need some teaching tools for thesauri editing

Directives for developer (e.g. we elect a service, and we establish that at list all tool developed in the context of our community, allow interaction with these services)
E.g. Automatic production of metadata

Metadata services / tools for discovery

- LOV (Linked Open Vocabulary)
- Agro portal <http://agroportal.lirmm.fr>
- Here we have to be more specific, so carry on a survey, then go for one decision, because this is one of the things where we should narrow down to our context

Need for a terminology for vocabulary, ontology, metadata vocabulary etc.. Make it clear that this is not "the terminology"

about usage statistics:

<http://taginfo.osm.org>