Ontology Summit 2013 Website Development

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Ontology Summit 2013
May 2~3, 2013
Mission:

To deploy an OntologySummit2013 website that on the OntologPSMW that will support:

1. Organize the Ontology 2013 Summit content in a way that encourages and facilitates access to and (re)use of the material

2. Use of some subset of the ICOM vocabulary [1] to annotate the content that is produced on the OntologySummit2013 Website

3. Use these annotations to provide / enable new functionality / views in terms of accessing / querying resources, events and people that are hosted on the website

4. Develop and deploy forms to capture some of the material being uploaded according to said vocabulary, or to present content of the site

ICOM vocabulary

A Space is the concrete representation and work area for a collaboration. It may have associated objects such as groups and subsidiary workspaces.

An Artifact is a document or set of closely related documents that are either attached to the page or stored in a repository with links in the page.

A Group is a collection of individuals forms a. It has members and can have subgroups. It is normally associated with a single workspace, but can be associated with more than one.

A Conference is a meeting. It has an organizer who is either a single person or a group. It has participants, and both scheduled and actual start and end dates.
ICOM vocabulary

Ken Baclawski has mapped part of the ICOM ontology to PSMW.

- **Properties** to represent ICOM concepts relation and attributes
- **Templates** and **Categories** to represent ICOM concepts
- **Forms** that allows page creation
Ontology Summit 2013 website layers

Ontology Summit 2013 website

Transcludes content from

Ontolog PSMW

Provides some semantics for pages

Interoperable Collaboration Object Model (ICOM)

migrated To

Ontolog wiki
Migration

TejasParikh & PeterYim were key in migrating the Ontologwiki to the new Ontolog Purple Semantic Media Wiki (PSMW)
OntologPSMW - Dev

OntologySummit2013 Website Development

This is the OntologySummit2013 Website Team workspace ...

Website Co-champions: Dr. MarceloVegetti & Mr. Aliliashemi

with support from:

- KenBaclawski
- PeterYim
- TejasParikh
- ShinyaYamada
- SoledadSonzini

Mission:
New look and feel

We’ve changed PSMW skin

**MistyLook** for WordPress originally by Sadish Bala

Soledad Sonzini’s modified the skin to adapt it

We’ve change the image
Exporting RDF

- Added ability to export Elements as RDF triples
- Summit content now machine readable, and discoverable
- Moving towards 5 star Linked Data viability

http://ontolog-02.cim3.net/wiki/OOR

Export RDF
Transclusion & #ask parser function

Intrinsic Aspects Of Ontology Evaluation Synthesis

Co-Champion: LeoObrst, SteveRay (2A)

Mission Statement: T (aC)

Ontologies are built to solve problems, and ultimately an ontology’s success is measured by the effectiveness with which it helps in solving them. Nevertheless, as a designed artifact, there are a number of properties that can be measured for any ontology that give an indication of how well designed it is. Examples include the proper use of various relations found within an ontology, proper separation of concepts and facts (sometimes referred to as classes vs. instance distinctions), proper handling of data type declarations, embedding of semantics in naming (sometimes called optimistic naming), consistent range... or domain... constraints... better... class/subclass determination, the use of principles of ontology enumeration, characterization, and dissemination in naming, and others. The objective of this Ontology Evaluation Synthesis is to enumerate, characterize, and disseminate information and tools designed to identify such intrinsic characteristics, which are expected to be used in the future. T (bC1)

Scope: T (bC2)

Dimensions of evaluation, methods, criteria, properties

Virtual Panel Session (aD)

*VirtualCall 2013 01 31 (Icom core description Intrinsic Aspects of Ontology Evaluation: Practice and Theory) (aD1)*

*VirtualConference 2013 03 07 (Icom core description Intrinsic Aspects of Ontology Evaluation - II) (aD2)*

{{#ask: [[Category:Icom conf Conference]]
[[Icom core organizer::OntologySummit2013 TrackA Space prototype]]
|? Icom core description |format= ul
}}
Another possibility to show query results

{{#ask: 
[[Category:Icom conf Conference]]
|? Icom conf scheduledStartDate = Date
|? Icom core description = Session Topic
|? Icom core organizer = Organizer
|format= timeline
}}
There’s a lot of issues to improve:

- More efficient management of artifacts
- Add semantics to ontolog participant pages
- Enable semantic queries to access information about events, presentations in conference calls
- Develop and deploy forms and templates to capture some of the material being uploaded according to said vocabulary, or to present content of the site
- Incorporate Ontology of Ontology Evaluation vocabulary
Another task that was added to our mission
Reserved
Content Organization

- The [ontolog-summit] list email archive
- List of all virtual conference
- The Community Library space
- The Ontolog Wiki

- Members: general chairs
- Subgroups:
  - Symposium
  - Hackathon & Clinics
  - Survey
  - Website Development
  - Community Library
  - Communique Development
  - TrackA, TrackB, TrackC and TrackD

- Ontology Summit Communiqué
- Each Track panel presentations
- Each Hackathon & Clinic Project results
Ontology Summit 2013 activities

- Symposium
- Survey
- Website Development
- Communique Development
- Tracks
- Hackathon & Clinics
- Community Library
Representing Activities

Activities are represented as ICOM Space concepts

- It has a group that supports it
- It may propose subactivities
- It produces one or more artifacts
Representing Tracks

Tracks are also represented as ICOM Space concepts. Each is related to:

- A Group composed by its Champions and its panelist
- Two Associated Workspaces (Track Synthesis and Community Input)
- Virtual Meetings that are organized by track