



# European Media Wrapper Round Table VI :

## « Get knowledge from the knowledge » :

*Presented by:*

Roger Roberts (RTBF) – [rro@rtbf.be](mailto:rro@rtbf.be)

*With the support of:*



[www.titan.be](http://www.titan.be) (Guy Marechal)



[www.mediamaproject.org](http://www.mediamaproject.org)

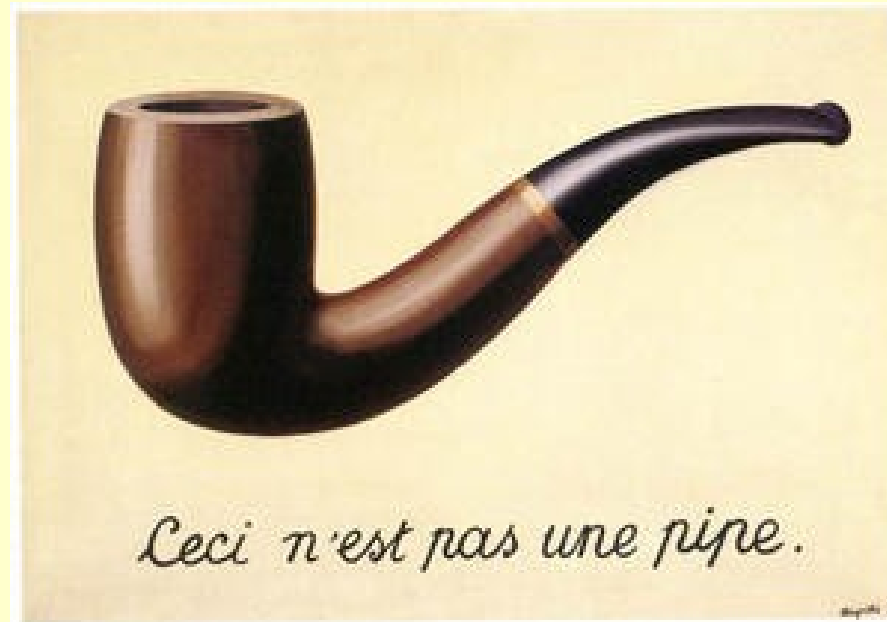


**AXIS-CRM**

*Presented : 09/00/2011 in  
Amsterdam*



**René Magritte**



- The picture of the object is not the object !
- There is a signifier/signified relation between object and picture
- There is no relation between the signifier/signified of text pipe (arbitrary)

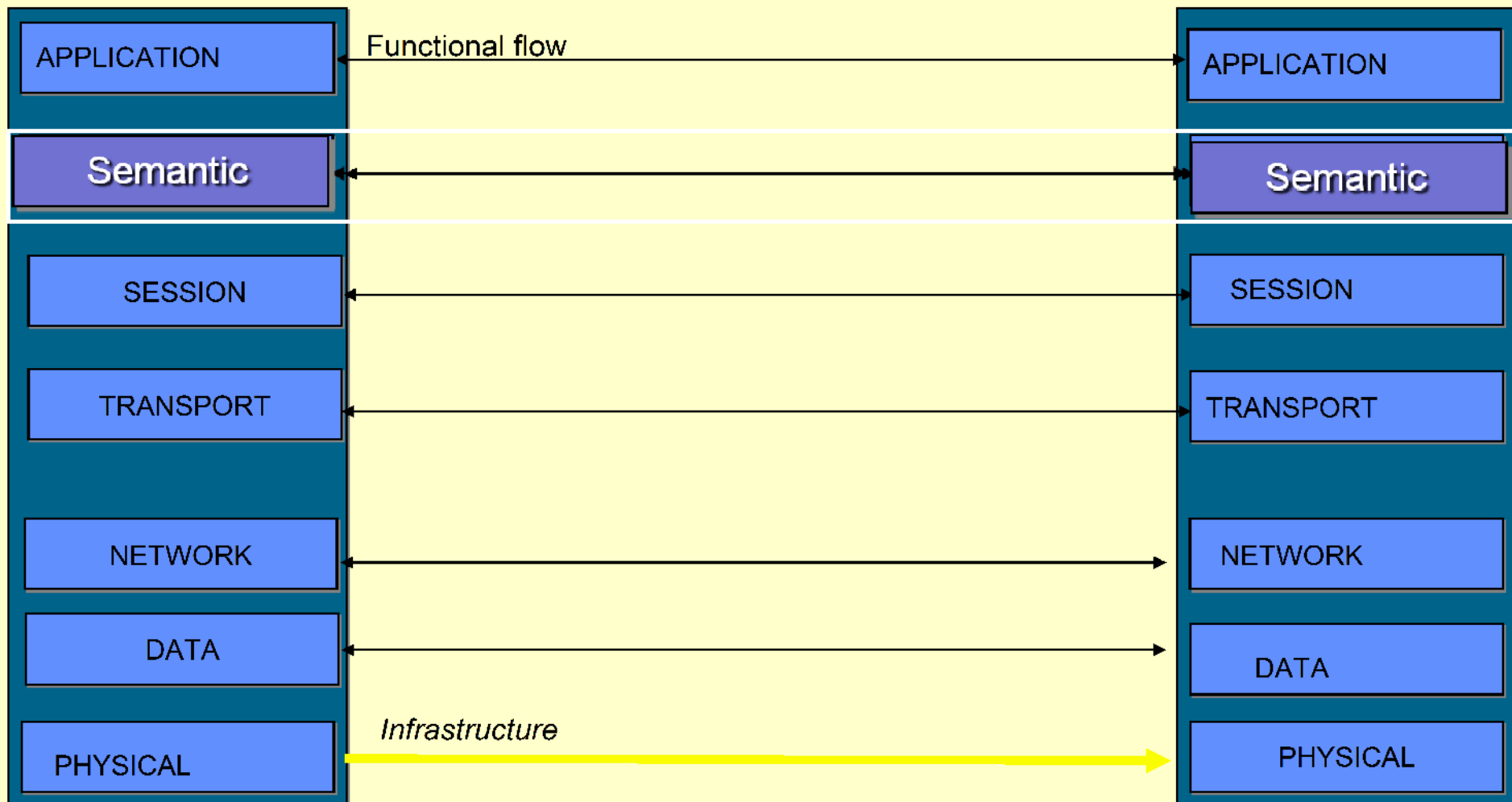


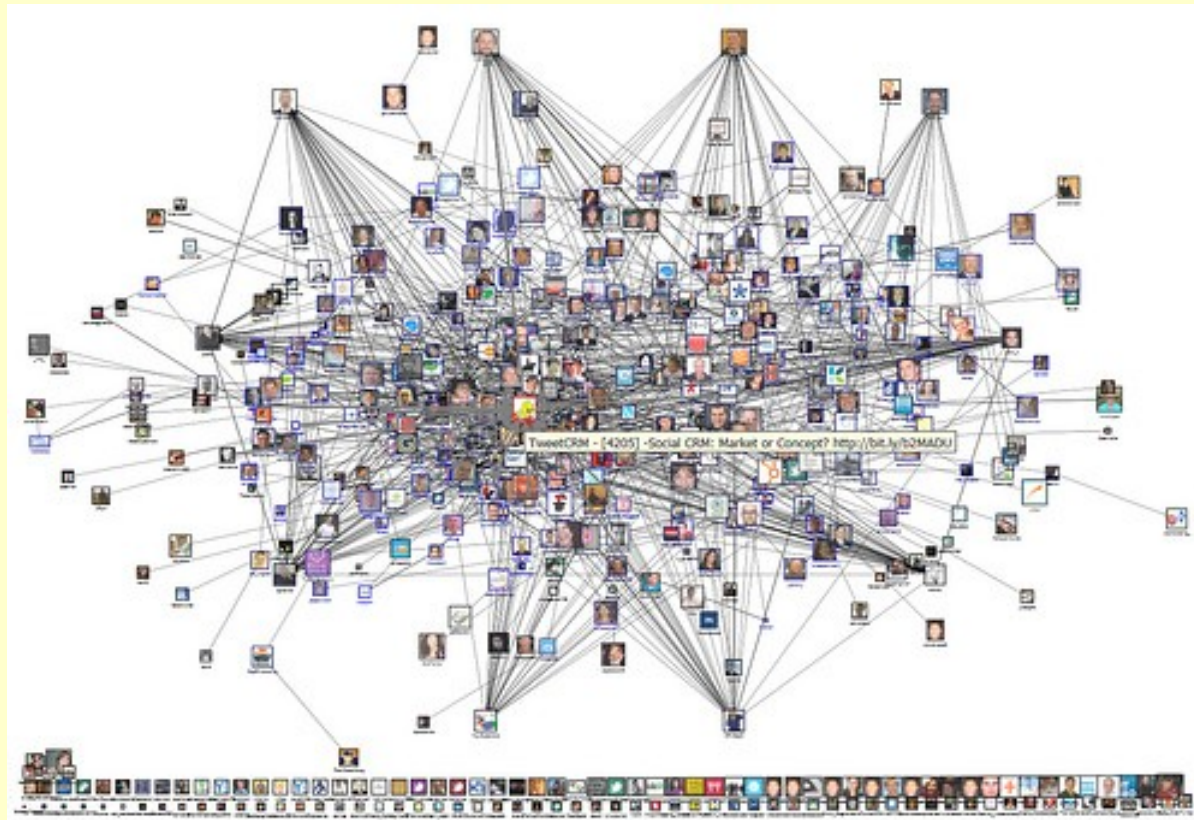
# ICT : Information Communication & Technology !

- **DATA**
- A representation of facts, concepts or instructions, in a **formalized manner**, suitable for communication, interpretation or processing by human or by automatic means
- **INFORMATION :**
- The meaning that human assigns to data by means of conventions applied to the data
- **COMMUNICATION :**
- Communication is a process whereby meaning is defined and shared between living organisms. Communication requires a sender, a message, and an intended recipient, although the receiver need not be present or aware of the sender's intent to communicate at the time of communication; thus communication can occur across vast distances in time and space. Communication requires that the communicating parties share an area of communicative commonality. The communication process is complete once the receiver has understood the sender.



# The “actual” ICT vision : Insignificant Commutation & Transport !



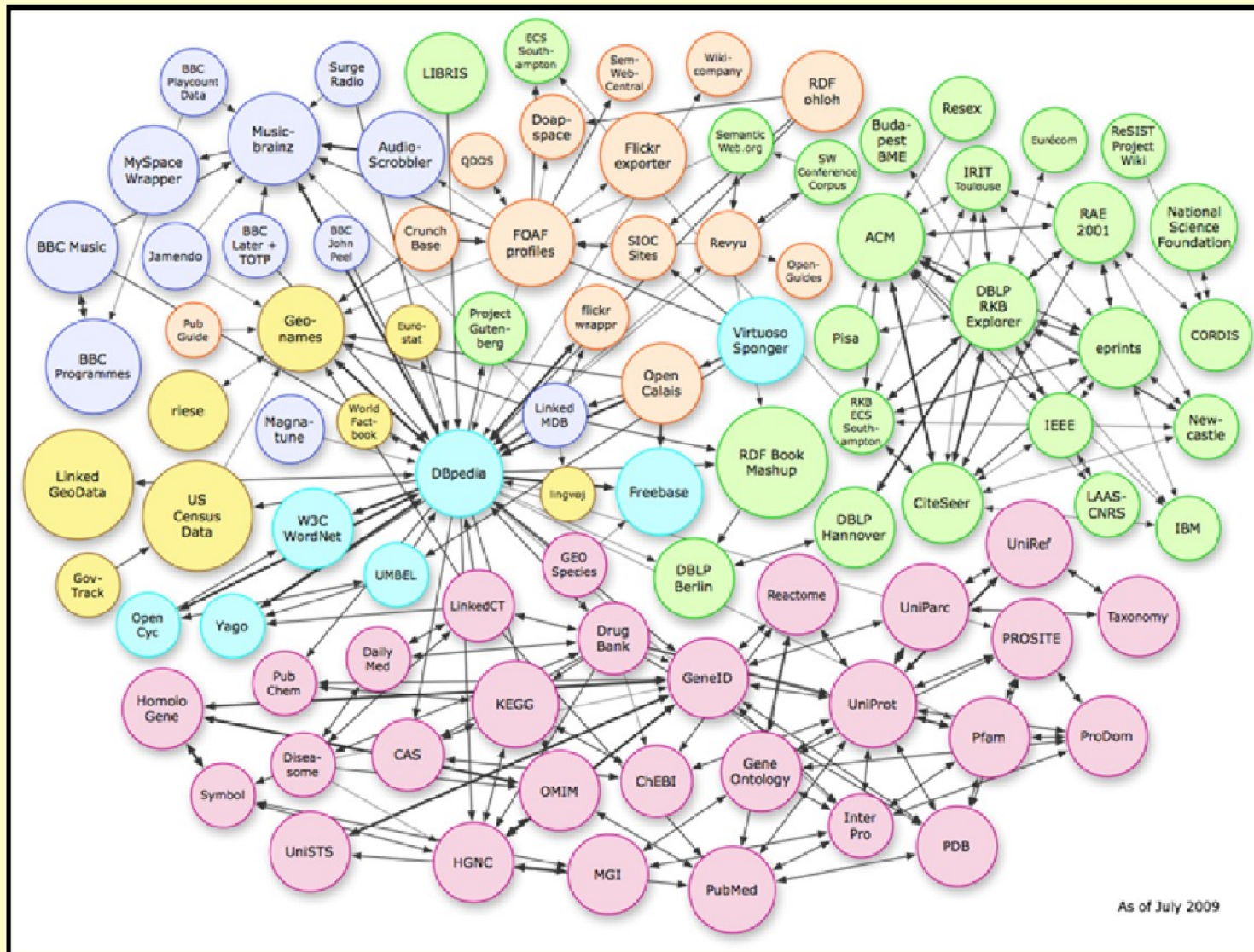


If you can describe the properties or the relations between a data and an information with an explicit language, (machine oriented) than you become able to hook Knowledge with knowledge !!





## The SEMANTIC WEB (July 2009)




Linked Open Data Graph :

<http://www.w3.org/wiki/SweoIG/TaskForces/CommunityProjects/LinkingOpenData#dbpedia-lod-cloud>



# OOR: Open Ontology Repository:

 [Browse](#) [Search](#) [Projects](#) [All Mappings](#)

**Access all ontologies that are available in The Open Ontology Repository Sandbox Implementation Site:** You can filter this list by category to display or also filter ontologies that belong to a certain group. [Subscribe to the The Open Ontology Repository Sandbox Implementation Site RSS feed](#) to receive alert versions of ontologies, new notes, and new projects. You can subscribe to feeds for a specific ontology at the individual ontology page. Add a new ontology Implementation Site using the Submit New Ontology link (you need to [sign in](#) to see this link).

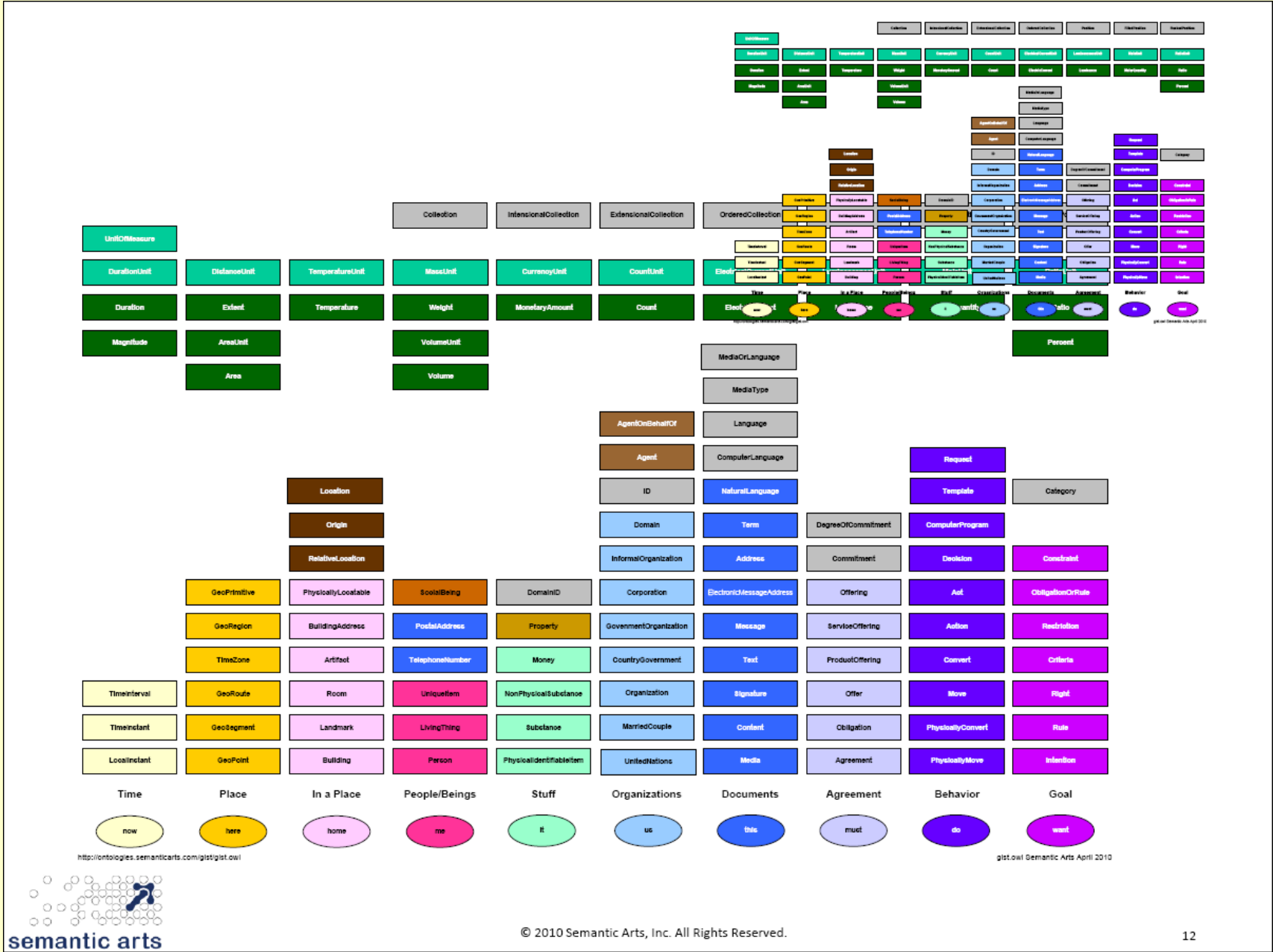
<b>SUBMIT ONTOLOGY</b>	<a href="#">Submit New Ontology</a>
<b>FILTER BY CATEGORY</b>	All Categories <input type="button" value="v"/>
<b>FILTER BY GROUP</b>	All Groups <input type="button" value="v"/> <a href="#">Link To This Filter</a>
<b>FILTER BY TEXT</b>	<input type="text"/>

ONTOLOGY NAME ▲	FORMAT	VERSION	AUTHOR	UPLOADED ON
<a href="#">GeoConcepts (GEOC)</a>	OWL	1.1	Gary Berg-Cross	07/02/2011
<a href="#">Land Use Land Cover Change Model (LUCC)</a>	PROTEGE	1.0	Gary Berg-Cross, Dawn Parker, Gary Polhill	07/27/2011
<a href="#">Use Case Description Ontology (UCDO)</a>	OWL	1.0	Ken Baclawski	07/29/2011

Showing 1 to 3 of 3 entries



(<http://ontologies.semanticarts.com/gist/gist.owl>)







## EMWRT VI : program :

- 10H00 – 10H05: *Welcome*
- 10H05 – 10H10: Opening of the EMWRT VI : Introduction: Roger Roberts (TITAN)
- 10H10 – 10H30: Towards the ultimate wrapper: the “AXF” standard proposal: Brian Campanotti (Front Porch Digital)
- 10H30 – 10H50: Constructing the operability: MediaMap Core & AV annotation ontology: Guillaume Rachez (Perfect Memory)
- 10H50 – 11H10: Constructing the predictable interoperability by semantics and IO-Wickets: Frédéric Beaugendre (Memnon)
- 11H10 – 11H30: Managing semantic AV production: Steny Solitude (Perfect Memory)
- 11H30 – 11H50: Retrieving & Exploiting semantic AV products by the “MediaLoep”: Karel Braeckman (VRT MediaLab)
- 11H50 – 12H10: Semantic technology is the key to an ‘Online Media Production Ecosystem’ Maarten Verwaest (Limecraft)
- 12H10 – 12H30: Q & A and *Conclusions of the EMWRT VI*



## WARM SEMANTIC THANKS

**I would like to express my semantic thanks to all the persons and organizations having contributed directly or indirectly to this presentation :**

**The MEDIAMAP Consortium :**

UTC Compiègne, MEMNON, SkemA, Perfect Memory, Vitec, Exalead, RTBF, VRT, Belgavox, Solution 2.0 *for their contributions to the development of semantics in the broadcast world.*

**TITAN:** *For the organization of the “European Media Wrapper Round Table”*

**EBU:** *In particular to M. Jean-Pierre Evain (the evangelist !)*

And for their major contributions on **standards:** ISO (for OAIS); W3C; SNIA, IASA, SMPTE