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Atelier

Construction d'ontologies : un Guide de Bonnes Pratiques pour la formation des concepteurs novices



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Rappel des objectifs

- Un constat
 - Augmentation du nombre d'applications utilisant des ontologies et donc du nombre de personnes de toutes spécialités amenées à participer à leur construction
 - Répétition d'erreurs méthodologiques déjà identifiées et non prise en compte de l'expérience acquise
- Une proposition
 - Construire un guide de bonnes pratiques contenant des ontologies commentées, notamment dans leur processus de construction
 - Rassembler de telles ontologies

Etape 1 : Atelier IC 2009

- Première version de grille de recueil
- A l'issue de l'atelier
 - Grille améliorée mise en ligne
 - Rubriques grille = modèle
 - 23 ontologies recueillies à ce jour
 - Semblent valider le modèle
 - Synthèse en fin d'atelier
 - Version anglaise provisoire en ligne
 - Contacts pris avec IA OA

Etape 2 : Atelier IC 2010

- Identifier en quoi chaque ontologie est un bon exemple (chaque intervenant SVP)
- Recueillir avis participants
- Proposition : Concevoir un site web type wiki
 - Document introductif (synthèse de l'existant) sous la forme
 - Exposé, exemple, difficultés possibles
 - Avec renvois vers les ontologies du site
 - Les grilles et ontologies
 - FAQ
 - Liens vers initiatives similaires

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Echos du workshop Ontology and Education FOIS 2010 - Toronto - 11 mai

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Contexte

- Création de l'association IAOA en 2009
 - International Association for Ontology and its Applications (N. Guarino president)
 - <http://www.iaoa.org/>
- Workshop consacré à l'éducation à la conférence FOIS 2010
 - <http://fois2010.mie.utoronto.ca/>
- Opportunité de nous joindre à une initiative internationale
 - Mini-présentation de l'initiative GBPonto
 - Lien de la grille GBP en anglais sur mes diapos (grâce au dur labeur de J. Nobécourt, merci Jérôme)

IAOA

The International Association for Ontology and its Applications

Welcome to the homepage of the IAOA. We will be extending this page over the coming weeks and month and welcome your input; meanwhile you will find all the necessary information to see what the association is for, what it might do for you, and how you can join.

Mission Statement:

The International Association for Ontology and its Applications is a non-profit organization the purpose of which is to promote interdisciplinary research and international collaboration at the intersection of philosophical ontology, linguistics, logic, cognitive science, and computer science, as well as in the applications of ontological analysis to conceptual modeling, knowledge engineering, knowledge management, information-systems development, library and information science, scientific research, and semantic technologies in general.

IAOA

The International Association for Ontology and its Applications

The main activities of the association include:

- Educating interested stakeholders on what ontologies are and how they can be effectively utilized;
- Promoting cooperation among public and private institutions, cultural associations, consortia, and cooperative societies that pursue similar aims;
- Establishing connections with national and international institutions that pursue similar aims;
- Supporting the development of collaborations between research and industry;
- Supporting international scientific exchanges, paying particular attention to rising and developing countries;
- Supporting the publication of journals and books, potentially through direct agreements with publishing companies;
- Stimulating research in areas related to the Association's purpose through the establishment of scholarships, fellowships, and awards;
- Organizing, potentially in cooperation with related organizations, scientific meetings, conferences, educational activities and similar events;
- Creating temporary or permanent groups comprising members who share specific interests.



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Echos du workshop 11 mai 2010

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FOIS 2010

6th International Conference on Formal Ontology in Information Systems



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FOIS 2010 - Workshop on Ontology Education

FOIS 2010 will be held in Toronto, Canada, during 11th-14th May 2010 (<http://fois2010.mie.utoronto.ca/>). It is proposed to hold a workshop at the conference on the theme of **educational activities related to Ontology**, as part of the educational mission of the International Association for Ontology and its Applications (IAOA).

Although Ontology has venerable roots in ancient philosophy, the modern development and application of formal ontology in the context of information systems and the world-wide web is a relatively new field, and as such it is not yet well established in higher education; there are few curricula dedicated to it, and no textbook available. In order to promote the engagement of educators with the subject of ontology, a number of activities have been suggested:



Activités suggérées pour promouvoir des formations

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- 1. To maintain a database of existing courses and modules that contain ontological content.
- 2. To make recommendations for a set of standard "benchmark" curricula covering all aspects of ontology, to serve as a guideline for course developers.
- 3. To create a library of resources (e.g., research papers, tutorial material, example ontologies, tools) for use by teachers.
- 4. To maintain a set of links to existing on-line resources as well as a bibliography of relevant printed material.
- 5. To establish an internet forum for the discussion of relevant issues.
- 6. To provide financial support for PhD students to attend events endorsed by the IAOA.
- 7. To organise summer schools, independently or in association with other initiatives.
- 8. To compile a textbook on ontology to be endorsed by the IAOA.

- (These were the activities suggested at the IAOA panel session Ontolog conference call on 18th June 2009 - see http://ontolog.cim3.net/cgi-bin/wiki.pl?ConferenceCall_2009_06_18.)



Objectifs du workshop

1. **Ontology Summit retrospect. We will invite key players from the summit to summarise what was achieved.**
2. **Talks. We would welcome talks from people who have given courses or modules on ontology to tell us about their experiences.**
3. **Panel session to consider such questions as**
 - * **What is the market for ontology courses?**
 - * **What should be the balance between theory, applications, tools?**
 - * **To what extent are the topics already covered by other courses?**
4. **Brainstorming session, with break-out groups tasked with devising a "standard syllabus" for teaching ontology, and a plenary session to bring it all together.**
5. **Exhibition of course materials. People who currently teach ontology courses will be invited to submit posters containing samples (or summaries) of teaching materials for discussion, with a view to agreeing on examples of good practice to be disseminated to the community.**

As an end product of the workshop we would like to produce an educational policy document to be endorsed by the IAOA.

Mon message à Toronto

- For the future
 - Next workshop at IC 2010
 - Willing to join the IAOA initiatives for designing, gathering and sharing teaching and self-learning material
 - Focusing on ontological awareness rather than on training ontological engineering specialists.

Programme

9h30-9h45

Sylvie Desprès et Monique Grandbastien
Introduction de l'atelier

9h45-10h15

Ferdinand Dhombres et Jean Charlet
Construction d'une ontologie du Diagnostic Prénatal

10h15-10h45

Sylvie Desprès et Sylvie Szulman
Retour d'expérience de construction d'ontologies dans le domaine juridique

10h45-11h15

Dominique Lenne
Une aide à la conceptualisation basée sur des cartes heuristiques. Application à la construction d'une ontologie de la sécurité industrielle.

11h15-11h30 Pause

11h30-12h00

Cyrille Desmoulins
Construction avec des enseignants d'une ontologie des compétences en géométrie. Geoskills.

12h00-12h30

Latifa Baba-Hamed
Construction d'une ontologie pour la recommandation de films à un utilisateur

12h30-13h00

Sylvie Despres et Jérôme Nobecourt
Analyse des grilles déposées à l'adresse <http://www-limbio.smbh.univ-paris13.fr/grille/>

13h00- 13h15

Synthèse et perspectives pour l'initiative GBPOnto.

