Towards the Policy-Aware Web: The Real Web 3.0?

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Policy-Aware Web

- What is the Policy-Aware Web
- There are many different languages to express preferences, obligations, and constraints for privacy, access control, identity management, and intellectual property rights (etc)
Policy-Aware Web

• In today’s networked society, people want to “mash up” and combine different content with different policies and share the outcomes
• This requires new approaches to manage policy interactions for a seamless experience
• Challenges
  • Policy Expression
  • Policy Transparency
  • Policy Conflict
  • Policy Accountability

Panelists

• **Renato Iannella (Moderator)**
  • NICTA, Australia
• **Piero Bonatti**
  • Universita' di Napoli Federico II, Italy
• **Lalana Kagal**
  • MIT, USA
• **Thomas Roessler**
  • W3C, France
Panelists (Virtual)

- Marco Casassa-Mont
  - Hewlett-Packard, UK
- Irene Pollach
  - University of Aarhus, Denmark
- Elisa Bertino
  - Purdue University, USA
- Thanks to..
  - Rigo Wenning
    - W3C, France

Panel Structure

- Moderator Introduction
- Panelists Point-of-View
- Open Q&A
- Panelists Rebuttal
- Moderators Wrap-up
Questions...

- Does the community accept/need the PAW?
- What is the range of supported policies?
- Will the Semantic Web help or hinder?
- What standards need to be developed?
- Who will lead this work?
- How to gracefully introduce the PAW to web?
- How will users trust the policy-aware web?
- Having a standard policy language with well understood semantics seems to the easiest approach. Is this a good starting point?

Scenario

- Social Networks
  - Sharing personal photos
    - Your Privacy
    - Your Friend’s Privacy
  - Understanding Policy options
    - Licensing regimes
    - What you did not know
trio of monkeys

welcome back christina

ready to go

statues

Tina's Birthday Extravaganza!

Fall Festivities 2007

October Weekends

Tina's Birthday Extravaganza!

Books!

Terrific Tuesdays: 09.11.07

Tina's Birthday Extravaganza!

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Creative Commons sued for deception

Hey! What's wrong with our Sharecropping license?

By Andrew Orlowski → More by this author

Published Monday 24th September 2007 19:14 GMT

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A Texan family has been handed a harsh lesson in what the Creative Commons "movement" really means for creatives who use its licenses.

A film maker, Damon Chang, uploaded a family photograph of his young niece Alison to Flickr, only to discover weeks later that it was being used by Virgin Mobile in an expensive advertising campaign. Neither Alison Chang nor her youth counsellor Justin Wong, who took the photograph, have received compensation for the use of the image - having handed over the rights without realizing it. Damon Chang used a license which permits commercial reuse - and even derivative works to be made - without payment or permission of the photographer: merely a credit will do to satisfy the terms of the license.
PAW Challenges

- Policy Expression
  - Friends Privacy, License Terms?
- Policy Transparency
  - Who knew about the License Policy?
- Policy Conflict
  - Privacy versus Commercial Use?
- Policy Accountability
  - How to find out who did what?

Codifying Policies...

Research has shown that privacy policies tend to intensify privacy concerns rather than engender trust.

One way to combat this dichotomy is to redesign their content, language, and presentation format

Irene Pollach
What's Wrong With Online Privacy Policies?
COMMUNICATIONS OF THE ACM, September 2007
Let the Panel Begin...

Panel Wrap-up
Join Us...

- W3C Policy Language Interest Group
  - http://www.w3.org/Policy/pling/
  - Chairs: NICTA and HP Labs
- PLING is an open forum to discuss use cases, languages, and frameworks around information governance policies.
- The PLING objective is to facilitate an open international platform for policy language discussions and planning
- 84 members

Thank You