Mailing Lists meet the Semantic Web

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Contents

1. Motivation

2. Semantic Web to the rescue

3. Software tools: SWAML and Buxon

4. Conclussions and future work
Mailing lists meet the Semantic Web

The two towers

**The social e-mail**
- Mailing lists
- E-mail messages
- SMTP

**The social web**
- Wikis
- Blogs
- HTML Web pages
- HTTP
- URL

Webmail
Mailing list messages as HTML pages

Disaster management ontologies?

**This message**: [Message body] [Respond] [More options]
**Related messages**: [Next message] [Previous message] [Next in thread] [Replies]

**Date**: Thu, 12 Apr 2007 21:01:55 -0400
**Message-ID**: <19B3A900-500D-41B7-849B-CC5120A05552@w3.org>
**Cc**: Jim Hendler <hendler@cs.umd.edu>
**To**: SW forum <semantic-web@w3.org>

I had an exciting visit from the students in Sri Lanka who had just received an award for their open source disaster management system, Sahana.


Discussing their system, which has just received a Free Software Foundation award, I remembered many conversations about the desirability for wide interoperability in emergency and disaster situations.

I suggested the Sahana folks provide RDF feeds of, for example, missing persons, found persons, shelters, rescue groups and resources.

**Author of the message**

You see it, The machine **does not**
Hi,

I have just finished the work [...] 

Best regards
Mailing lists meet the Semantic Web

SWAML

SWAML RDF files:
SWAML + SIOC + FOAF + DC
Buxon

sioc:Forum URI

Message threads

Search/filter features

Message details
Mailing lists meet the Semantic Web

Architecture overview

- Mailbox
- SWAML
- RDF
- Web browser
- Buxon
- End user
- Script
- Web server

SAW 2007 - Poznan
Mailing lists meet the Semantic Web

We do mash-ups too!

Mailing list data in RDF + SPARQL = FOAF profiles
Mailing lists meet the Semantic Web

Improving search results quality

Objective: filter out repeated results
Future work

- Merge RDF and HTML → RDFa
  - Integrate SWAML with existing scripts

- Access POP accounts
  - GMail support already available

- Publish data as a SPARQL endpoint
  - Efficient querying huge RDF graphs
Conclusions and results

- Semantic Web technology can join “the social web” and “the social e-mail”

- A vast amount of information becomes available on the (Semantic) Web
More information and downloads: http://swaml.berlios.de/

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Thank you for your attention!