FOUNDATION
CTIC
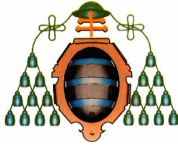Information and
Communication Technological Centre

University of Oviedo

Mailing Lists meet the Semantic Web
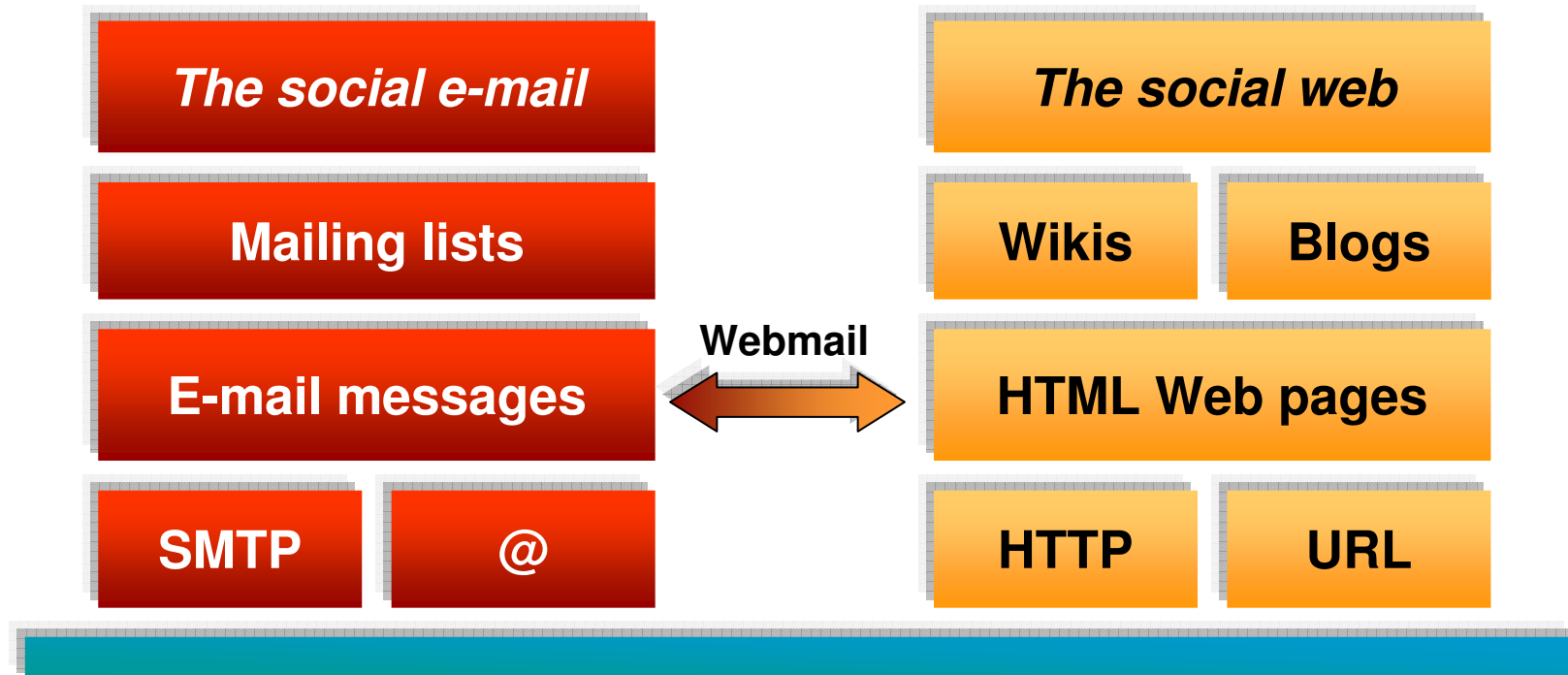
Sergio Fernández, **Diego Berrueta**, Jose E. Labra

Contents

1. Motivation

2. Semantic Web to the rescue

3. Software tools: SWAML and Buxon

4. Conclussions and future work

The two towers

The social e-mail		The social web	
Mailing lists		Wikis	Blogs
E-mail messages	**Webmail** →	HTML Web pages	
SMTP	@	HTTP	URL

Mailing list messages as HTML pages

Disaster management ontologies? from Tim Berners-Lee on 2007-04-13 (semantic-web@w3.org from April 200...

Archivo Editar Ver Historial Marcadores Herramientas Ayuda

http://lists.w3.org/Archives/Public/semantic-web/2007Apr/0094.html

W3C home > Mailing lists > Public > semantic-web@w3.org > April 2007

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: <19B3A930-500D-41B7-849B-CC512DAF0B62@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.
http://www.sahana.lk/

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

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

Author of the message

You see it,
The machine **does not**
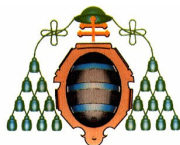
Anatomy of an e-mail

Received: from bat.berlios.de (bat.berlios.de [195.37.77.135]) by lagavulin.gandi.net (Postfix) with ESMTP id 8B50B1CCDD for <diego@berrueta.net>; Fri, 13 Oct 2006 19:53:46 +0200 (CEST)
From: Sergio Fdez <sergio@wikier.org>
To: swaml-devel@lists.berlios.de
Date: Fri, 13 Oct 2006 19:51:59 +0200
Message-Id: <1160761919.3787.13.camel@localhost.localdomain>
X-Mailer: Evolution 2.6.3
Subject: [swaml-devel] SWAML 0.0.2 is out
Reply-to: swaml-devel@lists.berlios.de
List-Id: <swaml-devel.lists.berlios.de>

Hi,

I have just finished the work [...]

Best regards

SIOC

SWAML

SWAML RDF files:

SWAML + SIOC + FOAF + DC
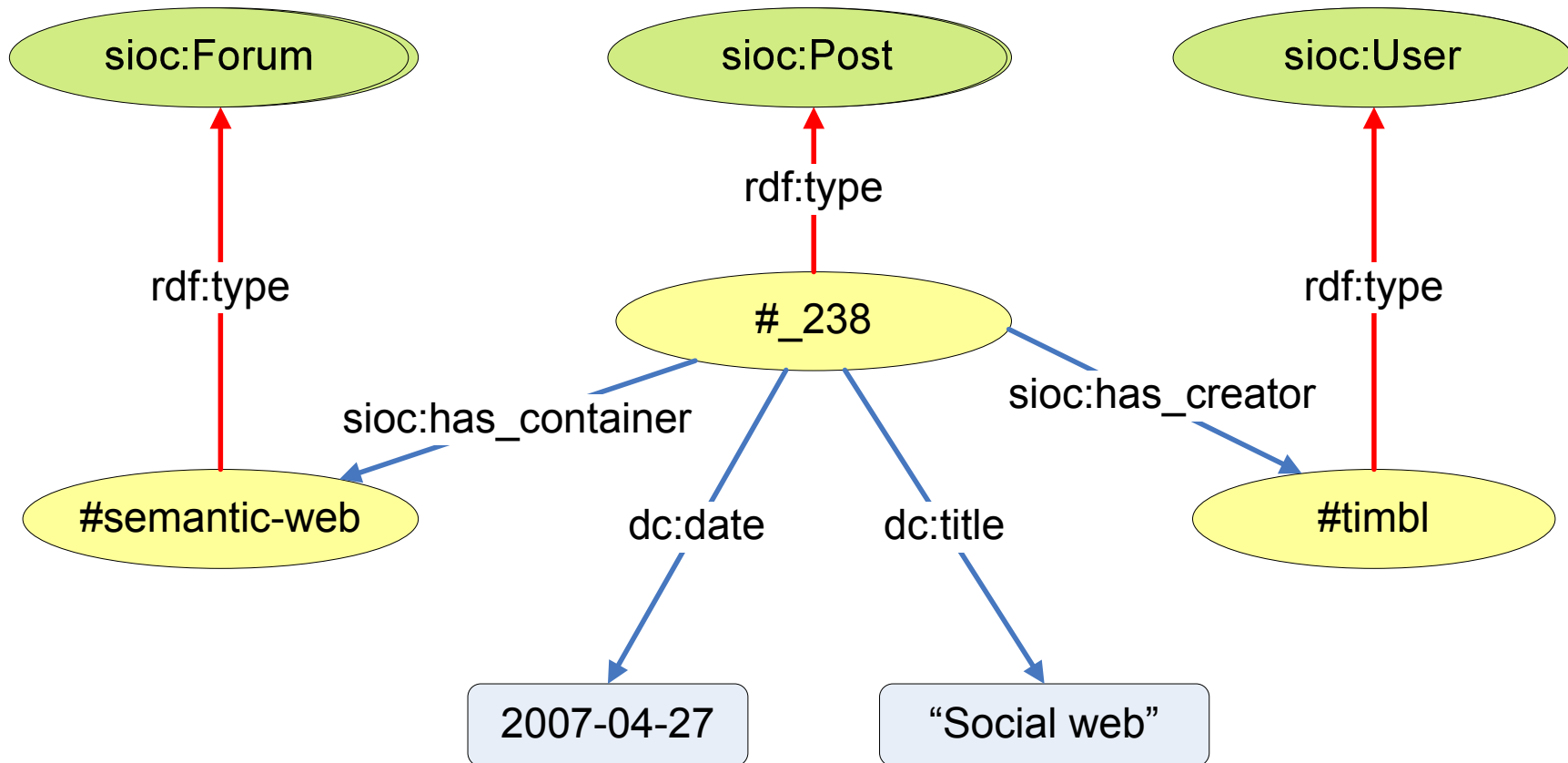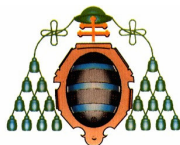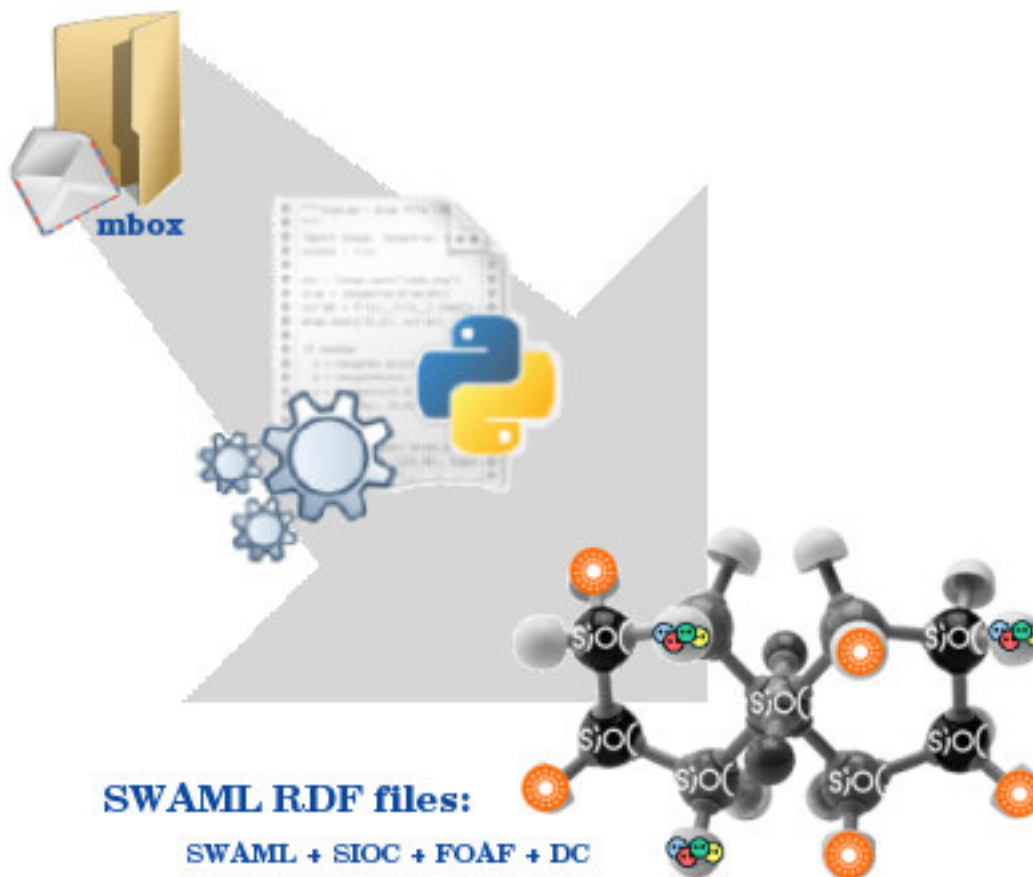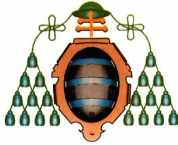
Buxon

sioc:Forum URI

Message threads

Search/filter features

Message details

Buxon, a sioc:Forum visor

Jump to

loaded post http://swaml.berlios.de/demo/2006-Oct/post-42.rdf

Architecture overview

Mailbox

Script

Web server

Web browser

SWAMI

RDF

Buxon

End user
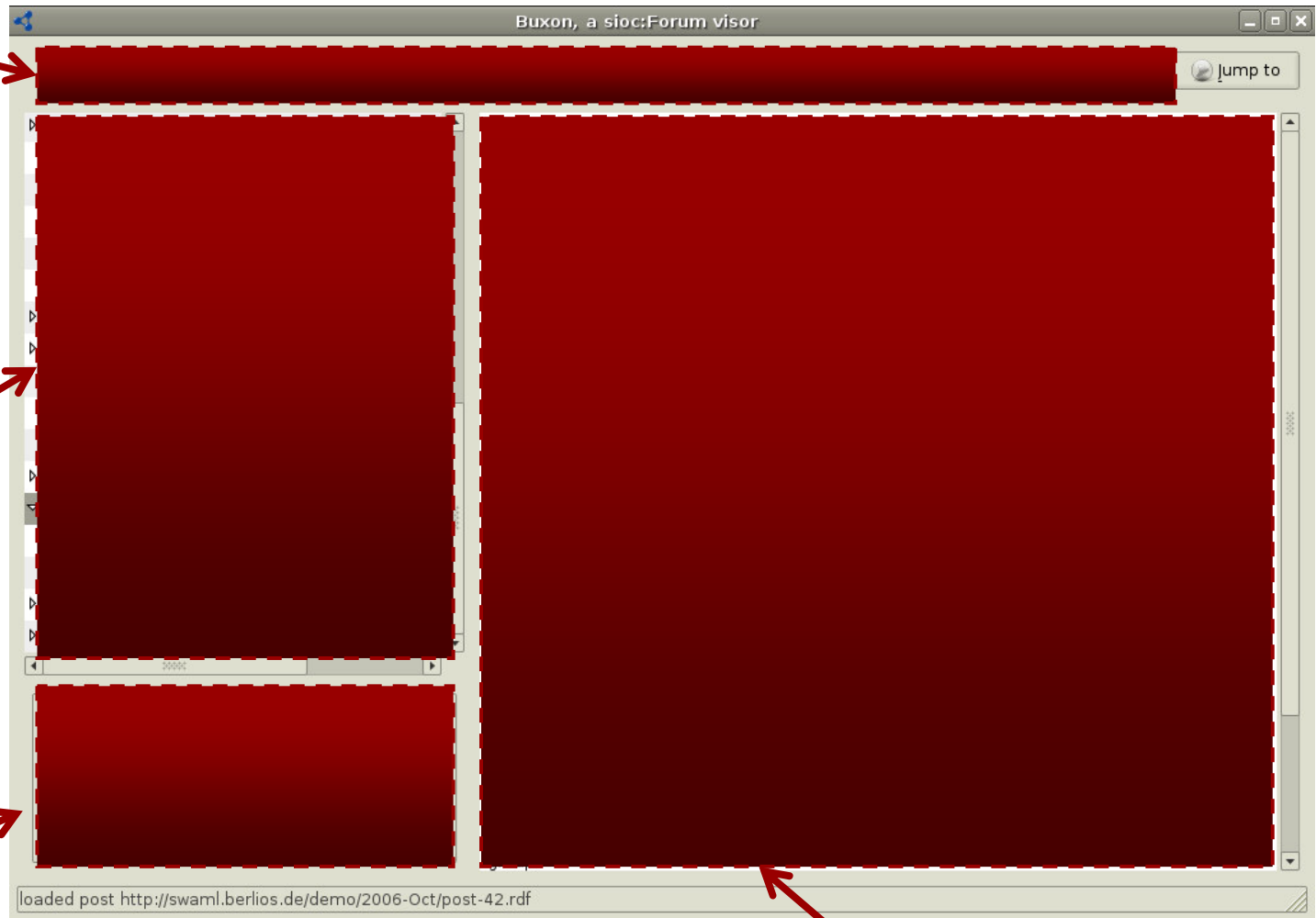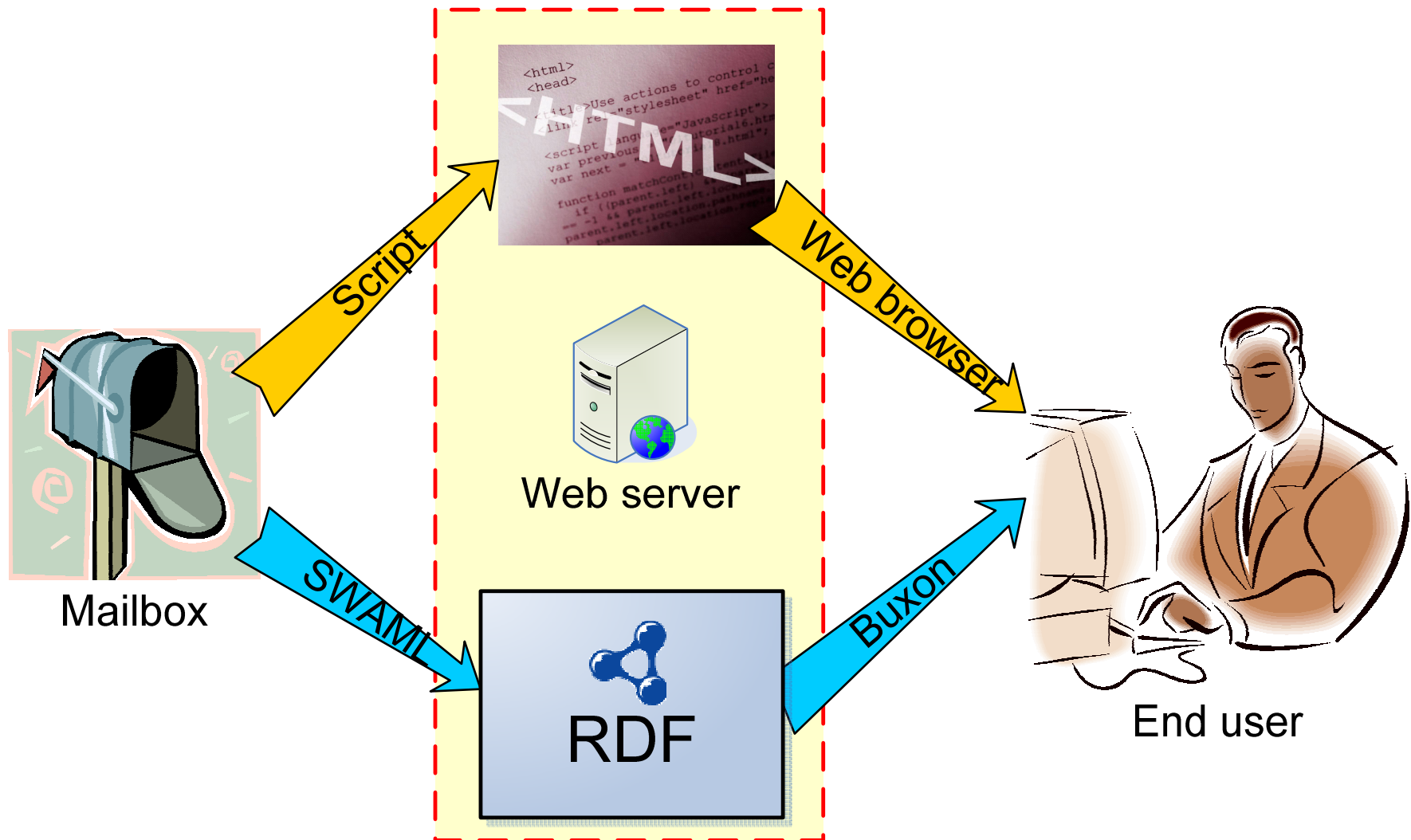
We do mash-ups too!

Mailing list
data in RDF

+ → **SPARQL**

FOAF
profiles
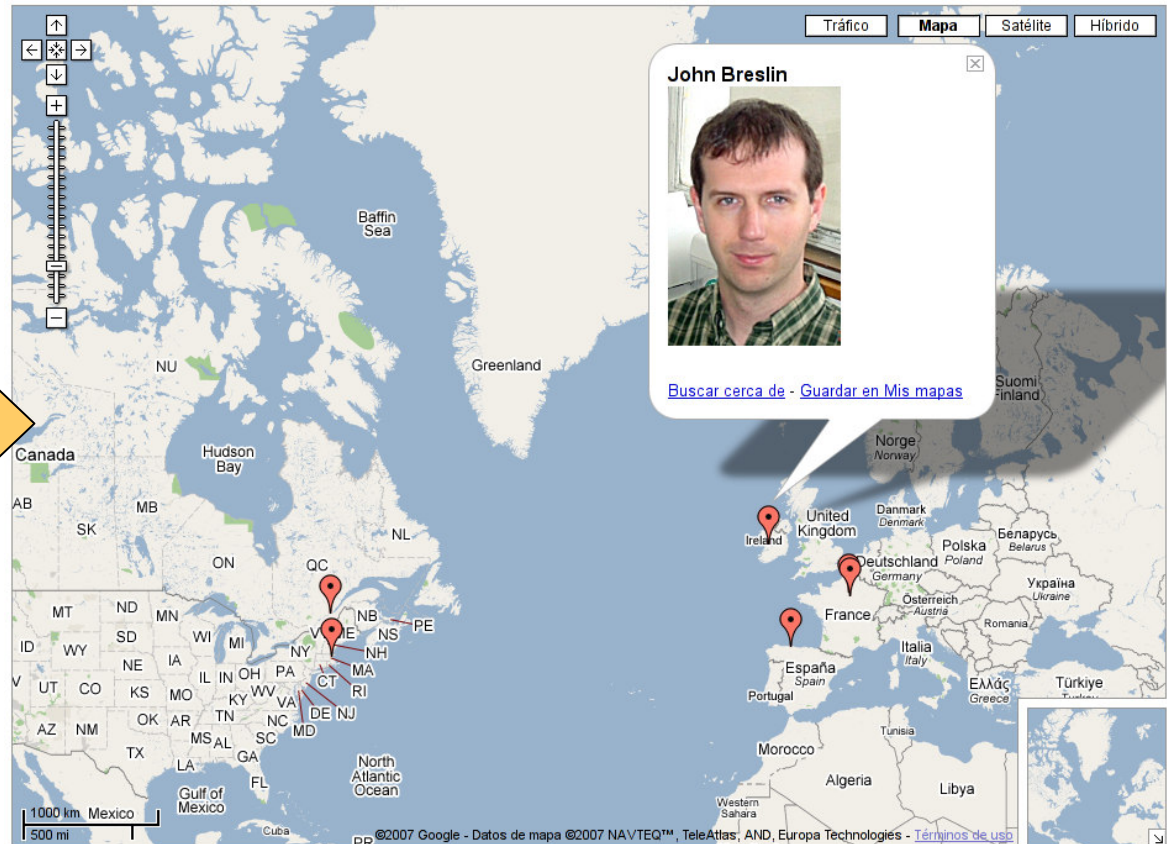
Improving search results quality

**Objective: filter out repeated results**

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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
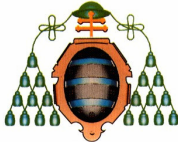
Conclussions and results

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

- A vast amount of information becomes available on the (Semantic) Web
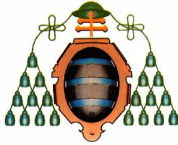
More information and downloads:

http://swaml.berlios.de/

Contact:

Diego Berrueta (CTIC Foundation)

diego.berrueta@fundacionctic.org

Thank you for your attention!