

Developers Track Session IV



- **15:00 → 16:00**

Invited Talk: **Roberto Ierusalimschy**

“Wouldn't the world be better if everyone used the same programming language?”

- **16:00 → 16:30**

Doing Good by Linking Entities Report

Invited Talk:

“Wouldn't the world be better if everyone used the same programming language?”

- **Roberto Lerusalimschy**
Associate Professor - **PUC-Rio**
(Pontifical Catholic University in Rio de Janeiro)
- He is the leading architect of the Lua programming language, and
- the author of "**Programming in Lua**" (now in its third edition).

Doing Good by Linking Entities

(Sponsored by Globo.com)

Pablo N. Mendes, Giuseppe Rizzo, Eric Charton

Developers Challenge at WoLE2013

May 13th, 2013

Objectives and Format

- Activities mostly held before the conference
 - Developers invited to submit apps
 - “Thinkers” / “domain experts” invited to submit ideas
- Not required to be scientific, not required to be complete.
- One goal:
 - Motivate people to apply their skills to build a better world.

Sponsorship

- Prizes sponsored by
- Two iPads2

globo.com



- **Grand prize:** a better world! :)
- Other incentives:
 - Showcase practical applicability of your research

Thanks to our PC

- Thanks to all PC members!
- Special thanks to:
 - Max Jakob
 - Percy Rivera Salas
 - Pavan Kapanipathi
 - Ajay Nagesh
 - Daniel Gerber
- Special thanks to Andréia Kumpera and the Semantic Web team at Globo.com
 - Rodrigo Senra, Ícaro Medeiros and others.

A word from Globo.com

- [Linked Data at Globo.com](#)
- By Ícaro Medeiros

Summary

- 8 submissions
- Including ideas and applications
- Diverse topics:
 - Crime
 - Health
 - Entertainment
 - Food
 - Government
 - Citizen engagement

Multilingual Semantic Linking for Video Streams: Making “Ideas Worth Sharing” More Accessible

- Authors:
Daan Odijk, Edgar Meij, David Graus and Tom Kenter
(University of Amsterdam)
- Link:
<http://semanticize.uva.nl/ted>

Corporations run the world.
Money runs corporations.
We run the money.

- Authors:
Paula Schmitt
(Journalist)



- Link:
<http://youtu.be/Jw6NILTbC80>

Pharmer: Semantic Authoring of Medical Prescriptions

- Authors:

Ali Khalili and Bita Sedaghati

(University of Leipzig, Germany)

- Link:

<http://bitili.com/pharmer>

<http://youtu.be/eNbbqO-zLQk>

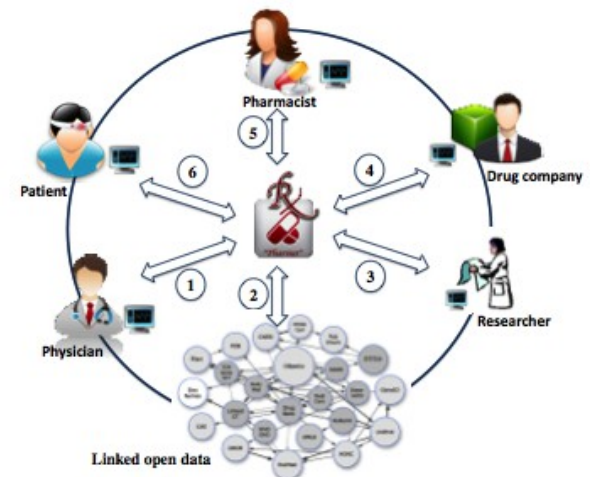


Figure 3. Pharmer ecosystem.

Semantic MedWeb: Linking eHealth Entities

- Authors:
Timothy W. Cook, Joyce R. M. Nogueira,
Luciana T. Cavalini
(MLHIM Lab and Rio de Janeiro State Univ.)
- Link:
<http://youtu.be/JLhnK1YVB2I>

Cuidando do Meu Bairro Project (*Taking care of my neighborhood*)

- Authors:

Gisele Craveiro, Fernando Moraes, Jorge Machado and Andrés Martano. (University of São Paulo)

- Link:

<http://www.gpopai.usp.br/cuidando/>

- Idea:

- Fuel debate between society and government
- Improve the control mechanisms and monitoring of public resources

Cuidando do Meu Bairro Project (*Taking care of my neighborhood*)

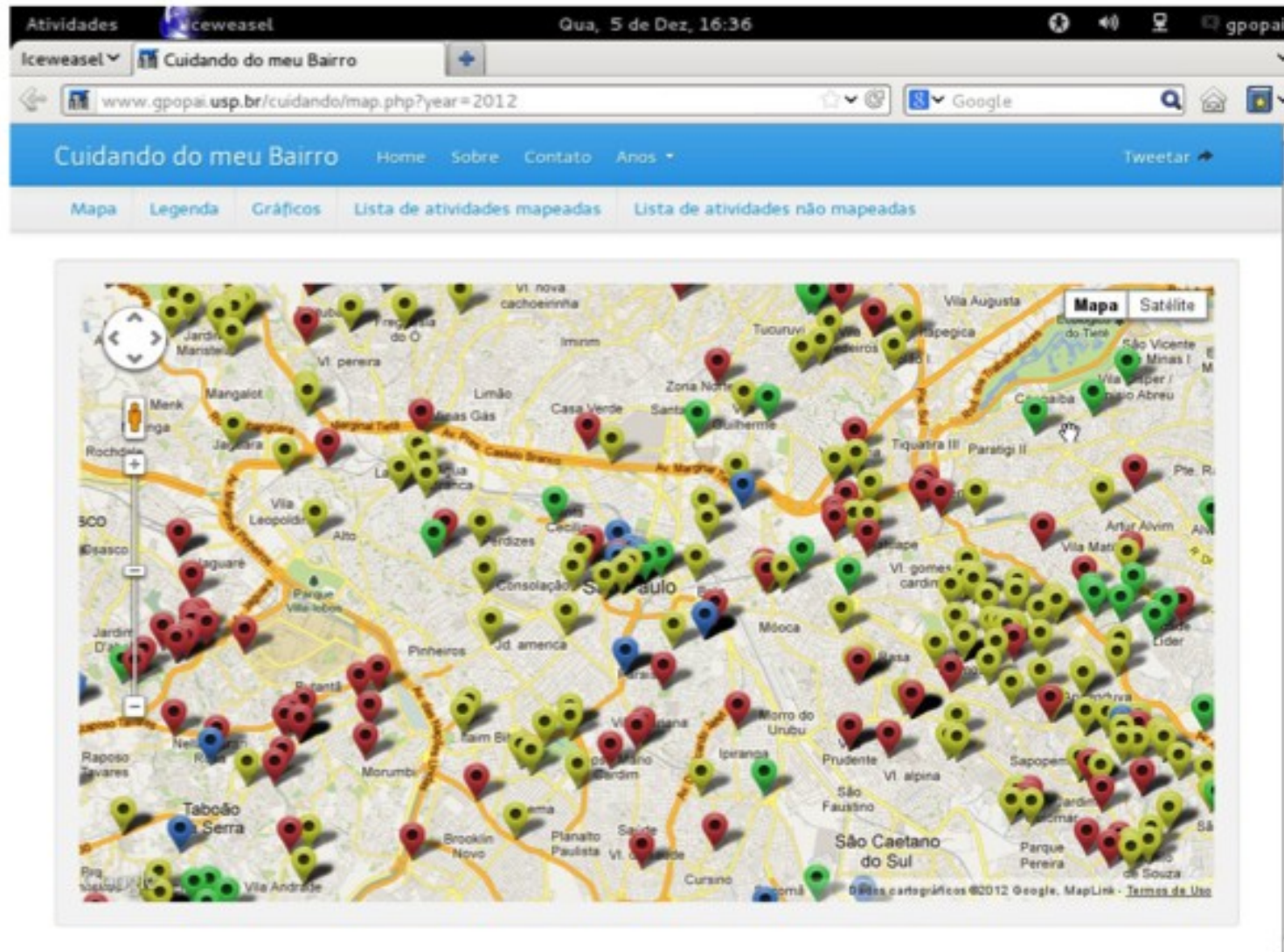


Figure 1: Public expenditure map from the 2012 Budget in the City of São Paulo, generated by Cuidando do Meu Bairro

Bon Appetit, Toronto!

- Authors:

William Cheung

(Developer from Toronto, CA)

- Motivation:

- “convince my wife to dine at home” :)

- Idea:

- Repurpose and interconnect public data on food safety

- Link:

<http://bon-appetit-toronto.herokuapp.com>

Using mobile devices and web services to find Where to Publish

- Authors:
Rafael Sachetto and Leonardo Rocha
(Federal University of São João Del Rei)

- Link:
<http://play.google.com/>

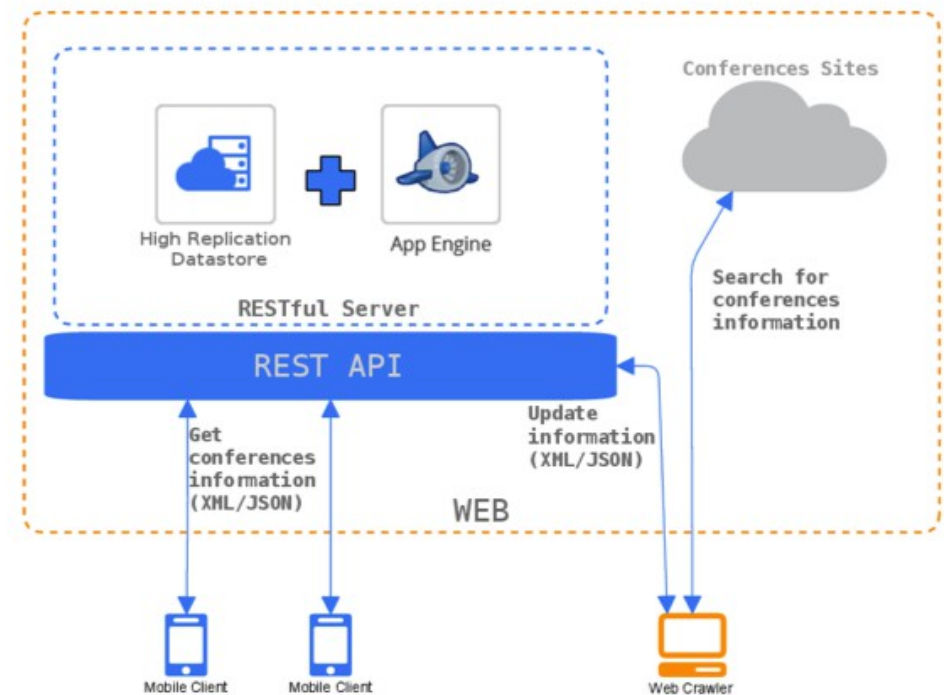


Figure 1: Where to Publish system diagram

Using mobile devices and web services to find Where to Publish (2)

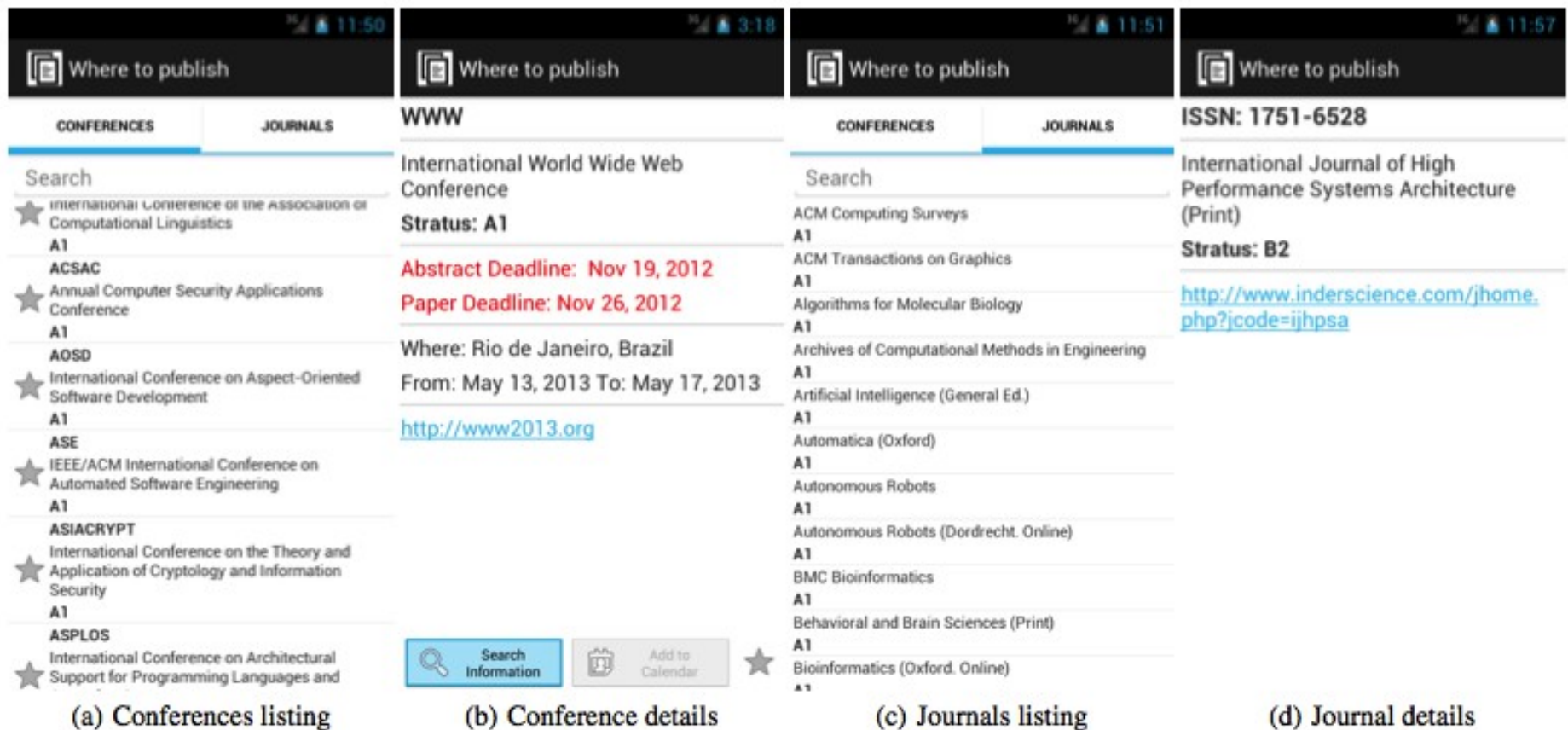


Figure 2: Where to publish mobile application screenshots

Reporting a Crime

- Authors:
Ahmed Ktob
(University of Saida, Algeria)
- Abstract only.
- Idea:
 - Make it easy for witnesses to report crimes
 - Use mobile, automatically get GPS coordinates, make it a “one click” report after sign up.
 - Authorities will hopefully react fast.
 - Require noise/spam filtering.

Open Data and Smart Cities: “What a wonderful world!”

- Authors:

Bernadette Farias Lóscio and Kiev Santos Da Gama

(Federal University of Pernambuco, Brazil)

- Idea:

- Develop platform for sharing both existing government initiatives as well as ideas that could help to solve the problems caused by the uncontrolled growth of the cities.

And the winners are...

...to be announced.

- Stick around until the end of the workshop for the announcement!

