



www.hjournal.org



HyperJournal

Weaving the Web of Science

HyperJournal and the impact of the Semantic Web on scientific publishing

ELPUB2006

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- Maria Chiara Pievatolo
- Giovanni Tummarello
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Past Contributors

Oliver Annaker (Translation into German of the [Overview document](#)), Henry Avancini (UML Design), Ilias Bartalini (php consulting), Oscar Cossu (Graphic Design), Giulia Di Donato (Translation into English of parts of the site texts e.g. [Features Page](#)), Paolo D'Iorio (Guidance and suggestions), Patrick Johnson (Translation into English of parts of the site texts e.g. [Features Page](#)), Emanuela Frasca (documentation), Fabio Granito (Graphic Design), Valerio Lo Bello (Graphic Concept) (Perfect, Media Design Agency)

Summary

- ❖ The HyperJournal project
- ❖ Scientific publishing and the (semantic?) Web
- ❖ HyperJournal as a tool for “*scholars as readers*” as well as “*scholars as authors*”



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Early Adopters

The following is a list of HyperJournal's early adopters:

- BTFP
<http://www.purl.org/hj/bfp/>

User login

Username:

Password:

Create new account
Request new password

Hyperjournal

Open Access made Easy!

The HyperJournal is an Open Source software application which enables on-line as well as printed publishing in an innovative and significantly cost-cutting way. The HyperJournal can be easily installed, configured and managed without any out-of-the-ordinary IT-competence.

(categories: Home)

HyperJournal at ELPUB 2006

Submitted by barbz on June 12, 2006 - 13:35.

Hyperjournal is going to be presented at [ELPUB 2006](#), Bansko, Bulgaria. See you there! :-)

(categories: News)

HyperJournal 0.5b Released

Submitted by barbz on March 22, 2006 - 16:45.

HyperJournal 0.5b (Beta) codename "Snowdomes" has been released.

This version features:

- Revamped interface, templates and styles.
- Advanced roles for publishing workflow.
- Issues management.
- Basic "plugout" web service.
- Several bug fixes.

You can download it from the [download section](#) of this site.

(categories: News)

Italian translation of the user manual

Submitted by barbz on February 21, 2006 - 16:41.

An Italian translation of HyperJournal 4 Dummies. A beginner's guide to HyperJournal has been released today. The Italian

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Download free eval.
www.atlassian.com/jira

[GN3 for the newspapers](#)
XML based system the edge of publishing software
www.terado.com

The vision

- HyperJournal is different from other journal publishing softwares.
- HyperJournal is trying to introduce innovations in the model and in the process of scientific publishing (we will see some examples).
- HyperJournal is **truly** Open Source. There are many (more or less :-)) active developers, you can access the source code, you can easily contact us (mailing list, wiki, irc) and even (surprise!) find some documentation.
- HyperJournal users are brave pioneers !!! :-)

Development model

Groupement de Recherche Européen Plus
HYPER-LEARNING



And other “enterprise commercial partners” (see www.hjournal.org)

Fichte Journal – Rivista della Rete Italiana della Ricerca su Fichte

User http://www.purl.org/hj/fichte/ Password

HJACI Docu... Documents stock.xchng ... categories PHP Manual Apple (79) Amazon eBay Yahoo! Notizie (268) Journal of alien physics libmysql myhj

HJACI Document Reposi... developement model - 2.jpg 800x600 pixel Fichte Journal – Rivista ...

 Fichte Journal – Rivista della Rete Italiana della Ricerca su Fichte

Welcome!

User http://www.purl.org/hj/fichte/ Password

Home
Published articles
Rejected manuscripts
Search articles
Submit a manuscript
Not attributed
Manuscripts

[Powered by HyperJournal 0.5 'Snowdomes']

HyperJournal 0.5b Demo

User http://85.39.151.140/hj05b/ Password

HJACI Docu... Documents stock.xchng ... categories PHP Manual Apple (79) Amazon eBay Yahoo! Notizie (268) Journal of alien physics



HyperJournal 0.5b Demo

Welcome!

Bollettino Telematico di Filosofia Politica

RSS osx icons

published articles 07/09/2005



Bollettino telematico di filosofia politica
on-line journal of political philosophy

Home > Tutti gli articoli > Articoli non pubblicati > Naviga nella rivista > Sfoglia per soggetto > Invia un articolo

Articoli in attesa di attribuzione

User http://purl.org/hj/bfp/ Password login Registrati alla rivista | Ho perso la password

Link

- Lezioni
- Ebooks
- Come collaborare
- Bibliografie
- Come contattarci

RSS

Novità

Nico De Federici, [Gli imperativi del diritto pubblico. Rousseau, Kant e i diritti dell'uomo](#)

Chiara Bechelli, [Il dibattito sul rapporto tra filosofia platonica e totalitarismo negli anni '30 e '40 del XX secolo: breve bibliografia ragionata](#)

Morale e politica a partire da Kant (<http://purl.org/hj/bfp/49>)

Giuliano Marini (<http://purl.org/hj/gmarini>)

Questo articolo - l'ultimo testo edito composto da Giuliano Marini prima di morire - è in corso di pubblicazione nel volume P. Beccali, G. Cunico, O. Meo (a cura di), Kant e l'Idea di Europa, Atti del Convegno Internazionale di Studi (Genova, 6-8 maggio 2004) Genova, il melangolo, 2005.

[Leggi l'articolo](#)

Information as Public domain. A Philosophical Argument against Intellectual Private Property (<http://purl.org/hj/bfp/47>)

Maria Chiara Plevatolo (<http://purl.org/hj/bfp/mcplevatolo>)

The idea of code as a commons is usually asserted in relation with two specific, technical fields: software and genetic code. The question of intellectual property may appear very specialized, indeed. However, as it concerns the wider subject of freedom of information, it may be useful to see it from the perspective of Western philosophy tradition. In it, communism of knowledge is a marginal opinion, or is it intertwined in the mainstream? It is possible to outline arguments for the idea of knowledge as a commons both in Kant's and in Plato's thought. An analysis of those arguments shows the continuity of a tradition that is much more respectable and ancient than the claims of intellectual private property.

[Leggi l'articolo](#)

Articoli recenti

Dal Commentario di Averroé sulla Repubblica di Platone: le donne e

08/10/2005

HyperJournal 0.5b Demo

Welcome!

published articles 07/09/2005

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published articles 07/09/2005

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Disclaimer

This is a free Demo of HyperJournal.

You have access to most of the features of the application, including some of its administrative options.

You can use the following users to access the application:

- user: admin
password: password (administrator)
- user: jmalkovic
password: password (author)
- user: jdoe
password: password

A little experiment

- Data collected during the last 3 months, doing research on semantics of functional programming languages and compilers at the Laboratoire d'informatique de l'Université de Paris 13. Logic, computation and reasoning group.

Total number of articles read: 9

where did we found the articles?

Project sites and personal homepages	3
Social bookmarking (delicious, cite-u-like)	4
Blogs and forums	2
Journals (printed or electronic)	0

Total number of references found: 136

Cross references (to articles belonging to the set):



Journals: our vision

- **Journals as (strictly) domain specific repositories.**

Journals should publish (in a different section), **rejected articles** along with machine readable metadata (RDF) about the review process, who made it, the individual reviewers ratings.

- **Electronic Journals should publish raw experimental data along with the text instead of hiding the semantics of data into unstructured documents!!!**

In many domains, textual descriptions not complemented with (machine understandable) raw data about the experiment are useless (think of physics, life sciences, earth sciences, ...). It's not possible to replicate the experiment without raw data, and being able to replicate experiments is **the heart of science!**

Journals should become once again tools for readers, not only for authors.

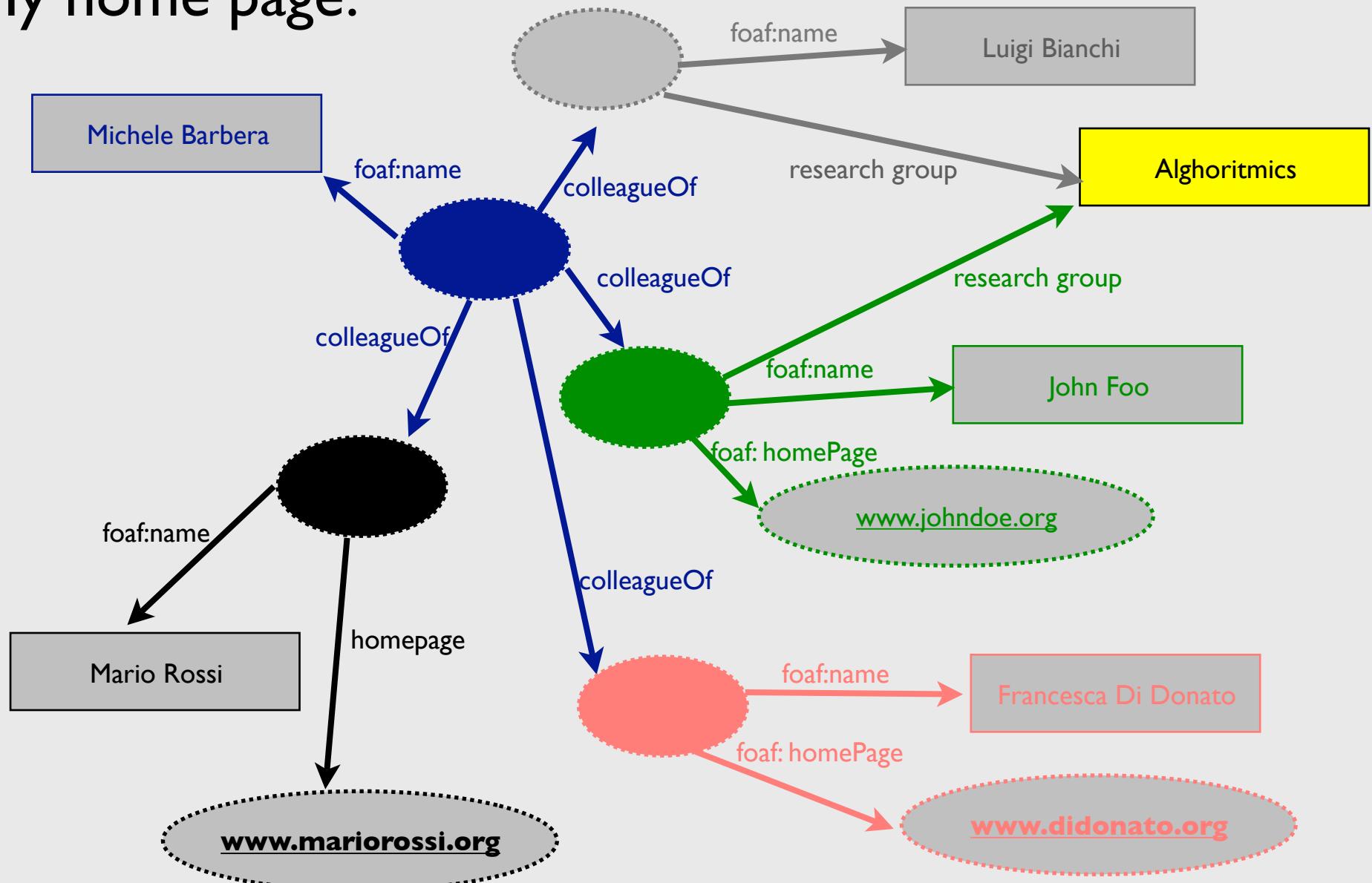
Semantic query answering

Please find me (michele barbera) all the articles written by any co-author of an author who is present in my colleagues's trusted lists. Please ignore John's and his research team members list, I don't trust him very much :-)

Step1: who are my colleagues?

don't forget to exclude John and the members of his research team!

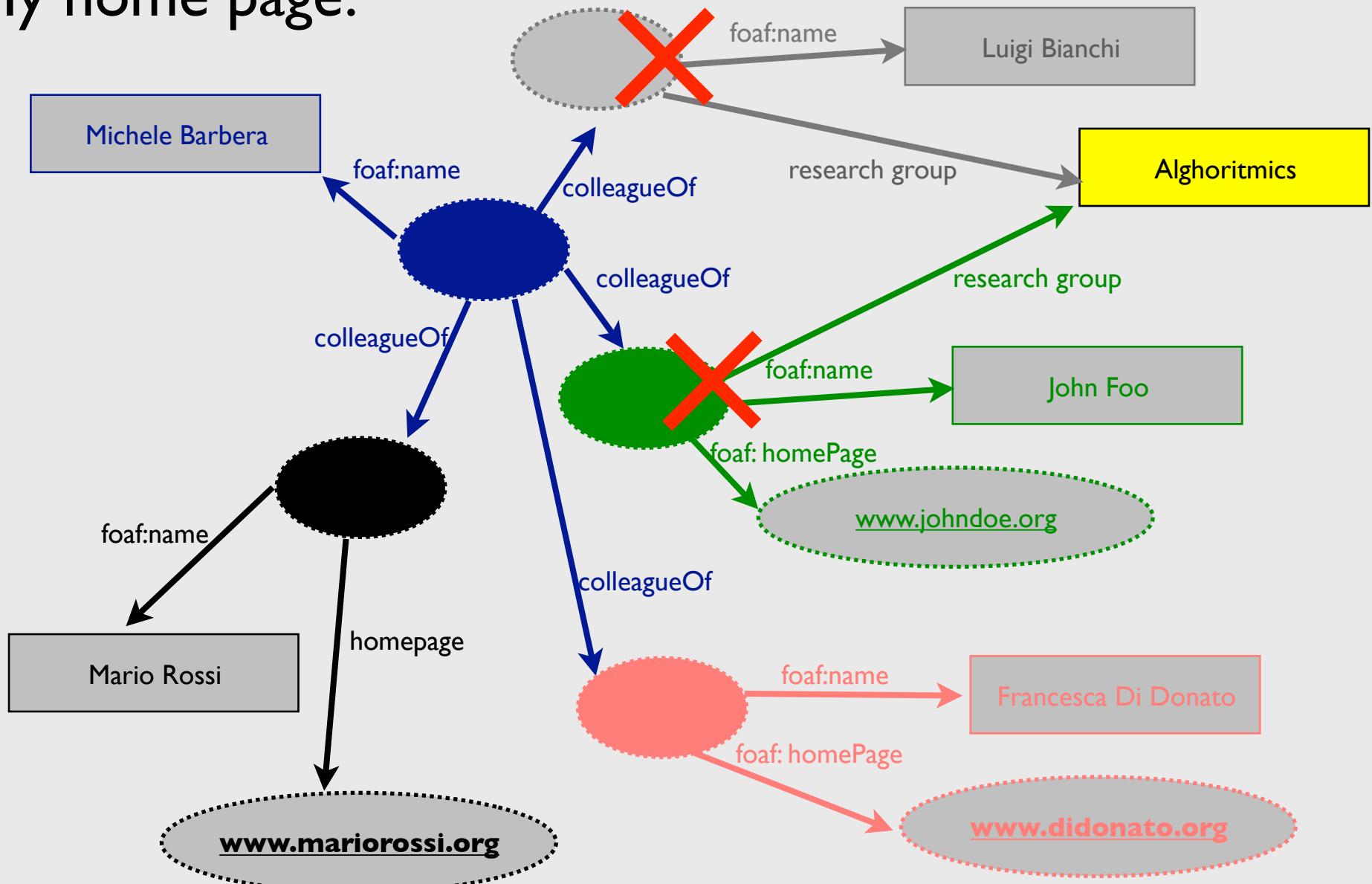
My home page.



Step1: who are my colleagues?

don't forget to exclude John and the members of his research team!

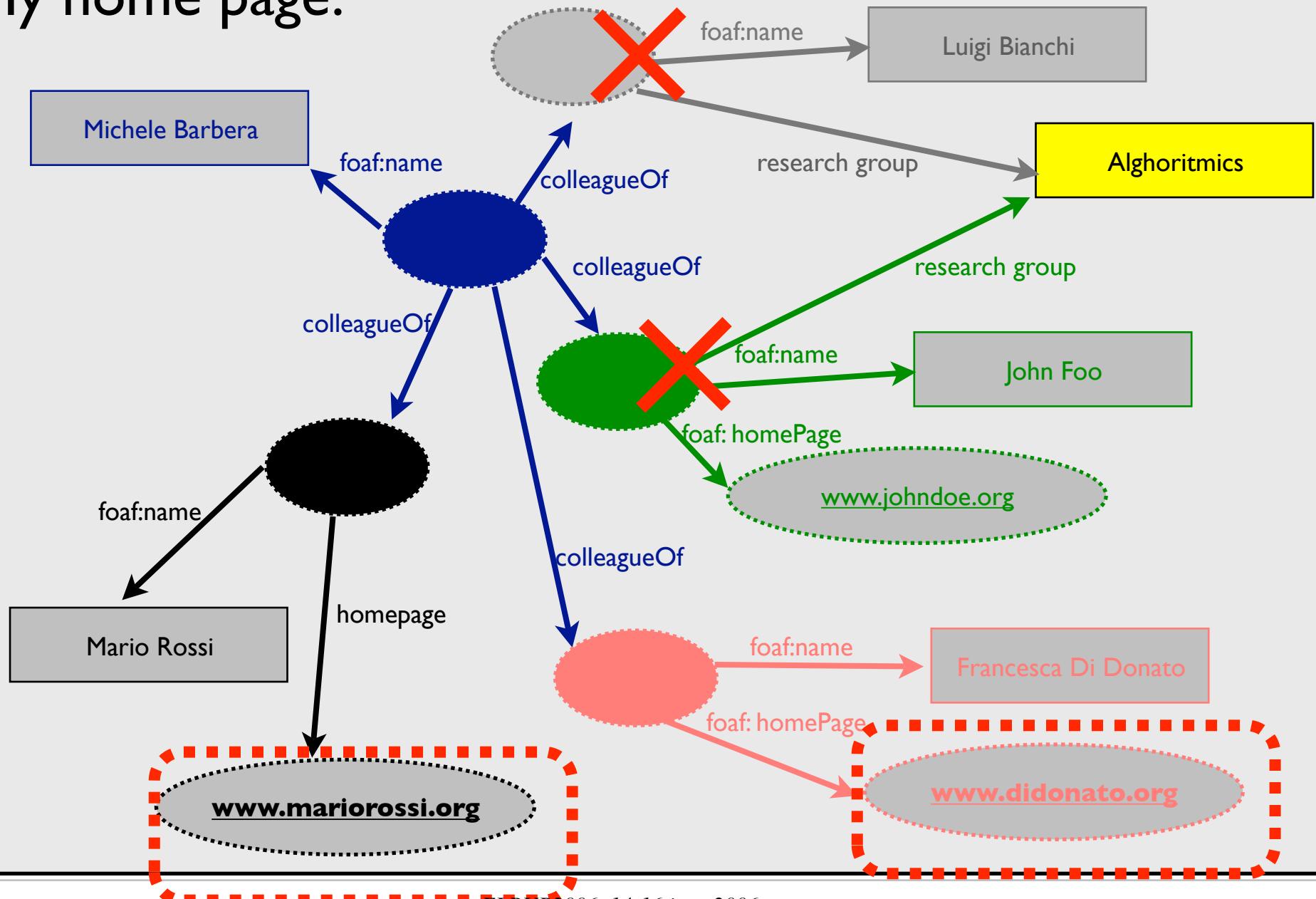
My home page.



Step1: who are my colleagues?

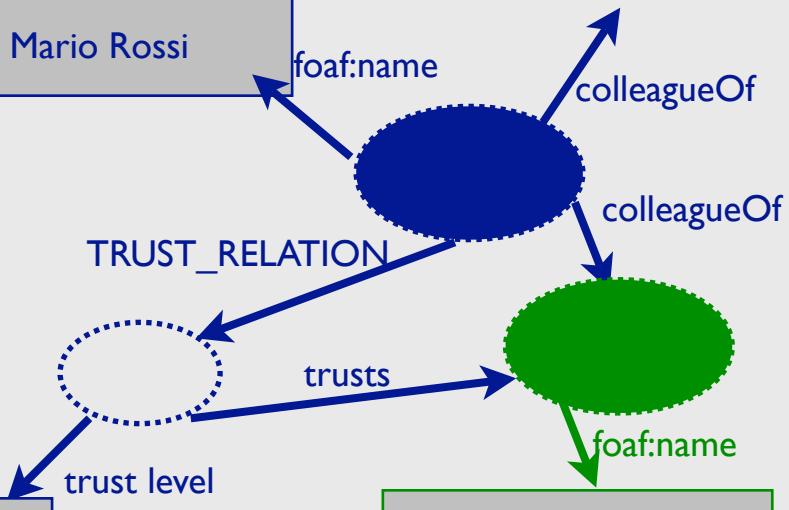
don't forget to exclude John and the members of his research team!

My home page.

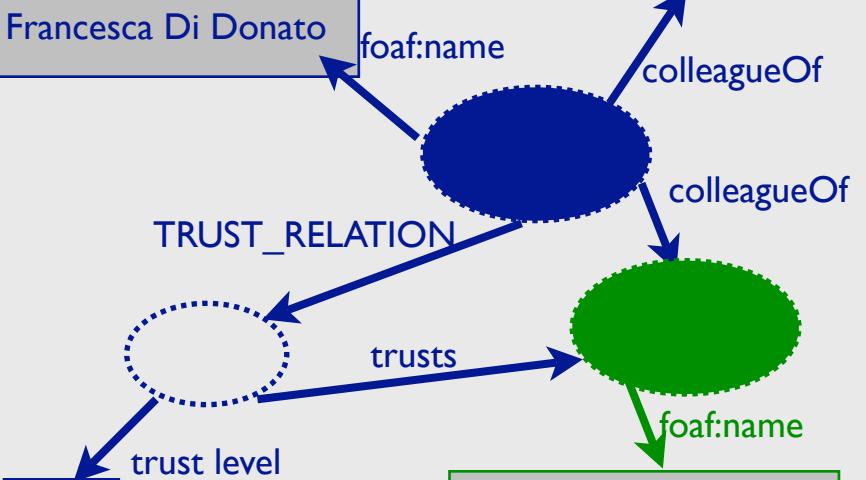


Step2: retrieve and merge their trust lists.

www.mariorossi.org

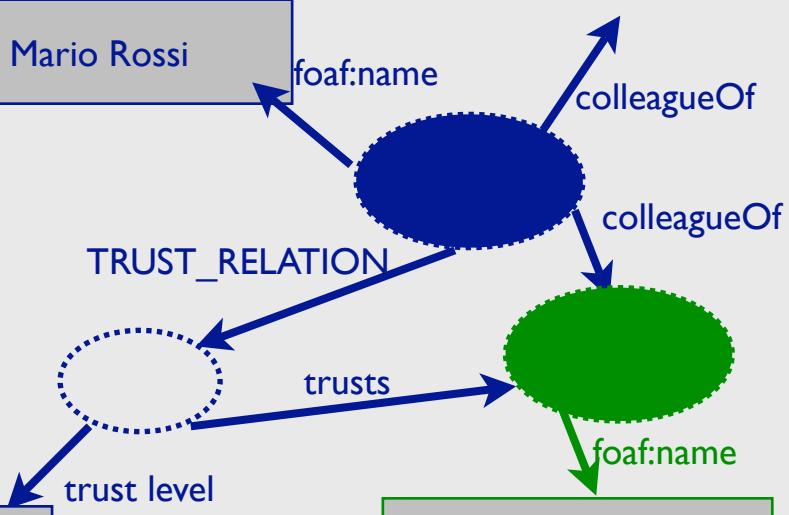


www.didonato.org

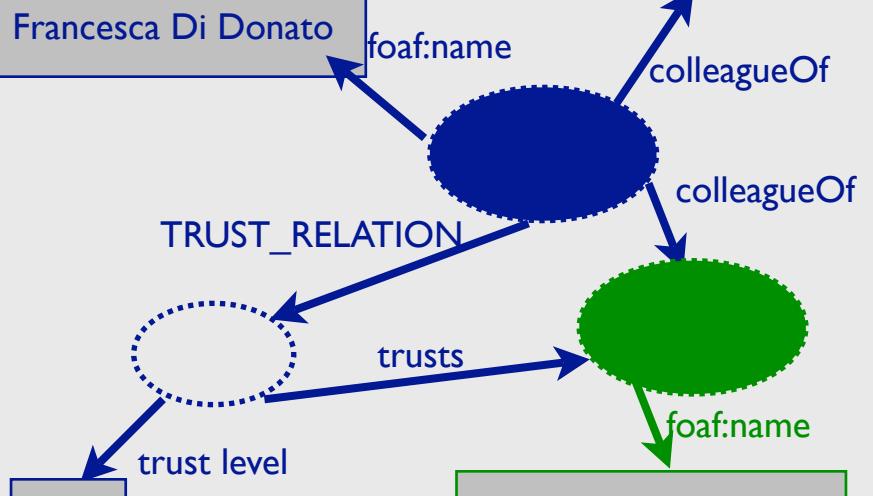


Step2: retrieve and merge their trust lists.

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Mario Rossi

10

TRUST_RELATION

trusts

trust level

8

Author Z

colleagueOf

TRUST_RELATION

Francesca Di Donato

foaf:name

colleagueOf

Author Y

8

foaf:name

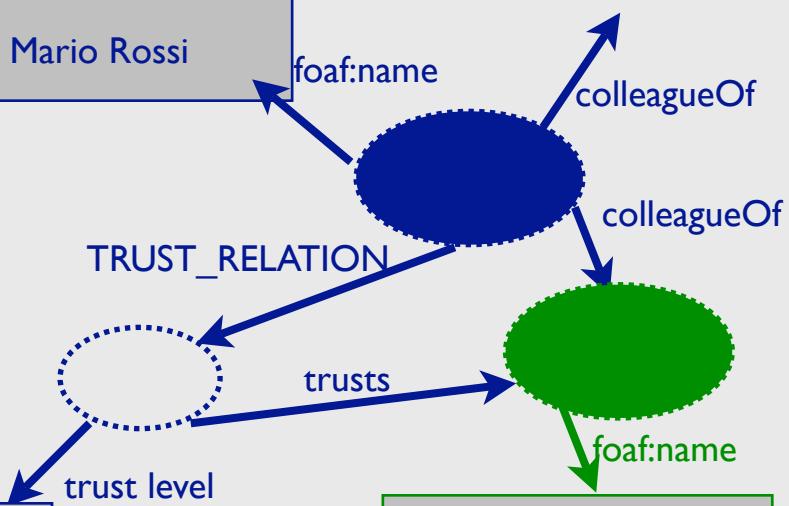
trusts

trust level

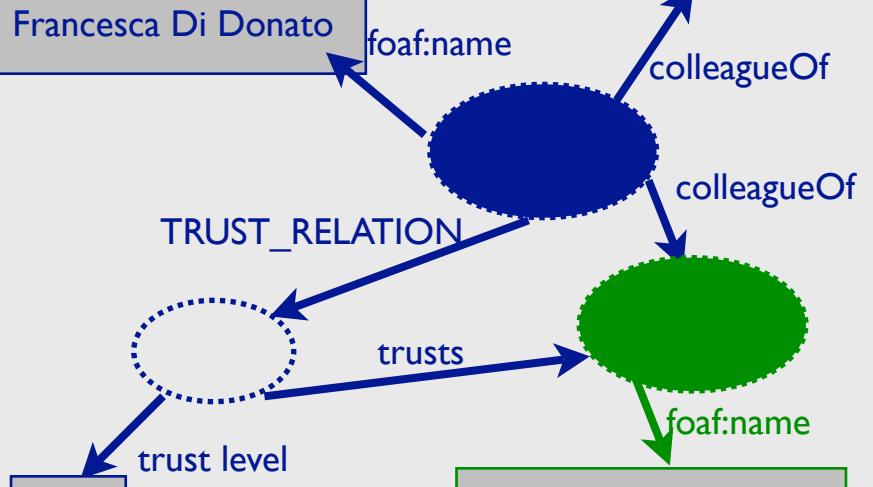
foaf:name

Step2: retrieve and merge their trust lists.

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8

10

Mario Rossi

Francesca Di Donato

TRUST_RELATION

TRUST_RELATION

TRUST_RELATION

foaf:name

foaf:name

colleagueOf

colleagueOf

TRUST_RELATION

trusts

TRUST_RELATION

trusts

trust level

8

Author Z

Author Y

8

Step3:connect to the library and find coauthors of author Y and author Z

www.mylibrary.org

article 234	lou reed	mario rossi, author Y	download
article 235	jimi hendrix	luigi bianchi, author Z , marco verdi	download
article 236	john lennon	paul mc cartney	download

Step3:connect to the library and find coauthors of author Y and author Z

www.mylibrary.org

article 234	lou reed	mario rossi, author Y	download
article 235	jimi hendrix	luigi bianchi, author Z , marco verdi	download
article 236	john lennon	paul mc cartney	download

The bootstrap problem

The larger amount of semantically-structured data is freely available on the web, the more evident it is the usefulness of intelligent agents. The more useful they are, the more people will be willing to publish semantically-structured metadata.

Solving the bootstrap problem

- ❖ Persuade people to publish structured metadata in RDF (xml is bad bad bad!!!)
- ❖ Automatic extraction of hidden semantics



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of Journals

Open Publishing Made Easy!

thank you!!!

<info@hjournal.org>

*P.S: We are always looking for developers, programmers
and **non** programmers. Join us at www.hjournal.org*