

DataConf

Browse conference metadata from your smartphone!

AI Mashup challenge – ESWC’2013 – 2013/05/28
Lionel Médini – Florian Bâcle – Benoît Durant de la Pastellière
Fiona Le Peutrec – Nicolas Armando

Laboratoire d'InfoRmatique en Image et Systèmes d'information

LIRIS UMR 5205 CNRS/INSA de Lyon/Université Claude Bernard Lyon 1/Université Lumière Lyon 2/Ecole Centrale de Lyon

<http://liris.cnrs.fr>



Rationale

☰ Conference programs provide

- Conference schedule
- Links to scientific publications



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- ...But also some inaccurate information



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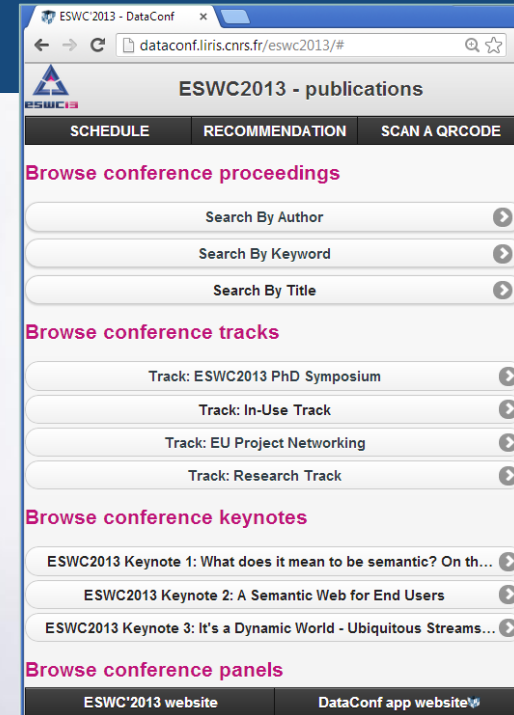
☰ So why stick to paper?

- Mostly all conference attendees have Internet access
- Conference metadata are available on SPARQL endpoints



With DataConf, you can

 Browse / search a conference dataset



ESWC 2013 - DataConf

dataconf.liris.cnrs.fr/eswc2013/#

ESWC2013 - publications

SCHEDULE RECOMMENDATION SCAN A QR CODE

Browse conference proceedings

Search By Author

Search By Keyword

Search By Title

Browse conference tracks

Track: ESWC2013 PhD Symposium

Track: In-Use Track

Track: EU Project Networking

Track: Research Track

Browse conference keynotes

ESWC2013 Keynote 1: What does it mean to be semantic? On th...

ESWC2013 Keynote 2: A Semantic Web for End Users

ESWC2013 Keynote 3: It's a Dynamic World - Ubiquitous Streams...

Browse conference panels

ESWC'2013 website DataConf app website

With DataConf, you can

- ☰ Browse / search a conference dataset
- ☰ Access related data from other sources

The screenshot displays the ESWC2013 - DataConf website. The browser address bar shows 'dataconf.liris.cnrs.fr/eswc2013/#'. The page title is 'ESWC2013 - publications'. The navigation menu includes 'SCHEDULE', 'RECOMMENDATION', and 'SCAN A QR CODE'. The main content area is divided into sections: 'Browse conference proceedings' with search filters for 'Search By Author', 'Search By Keyword', and 'Search By Title'; 'Browse conference tracks' with filters for 'Track: ESWC2013 PhD Symposium', 'Track: In-Use Track', and 'Track: EU Project Networking'; and 'Browse' for a specific user profile, 'Fabien Gandon'. The user profile includes a photo, a 'Graph View' button, and contact information: 'Fabien Gandon's email address fabien.gandon@inria.fr', 'Fabien's Twitter account' with a 'Twitter' button, and 'Phone number' with a 'Phone' button. Below the contact info are sections for 'Personal Page' (with a link to <http://www.sop.inria.fr/members/Fabien.Gandon/>), 'Organizations' (with an 'INRIA' button), and 'Other Publications' (with a 'filter ...' button). At the bottom of the profile, there are two publication entries: 'A Multi-Agent System to Support Exploiting an XML-bas...' and 'Semantic Web and Multi-Agents Approach to Corporate ...'. The footer of the website shows 'ISWC2012 website' and 'DataConf app website'.

With DataConf, you can

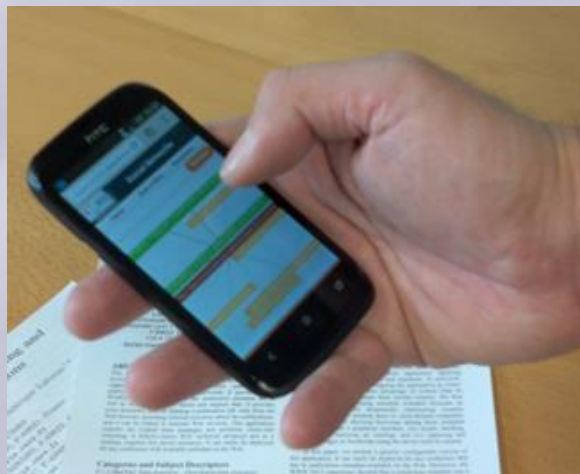
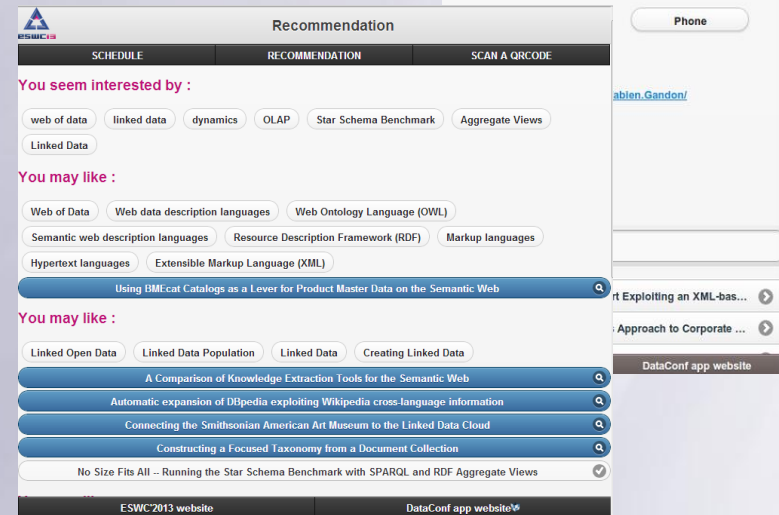
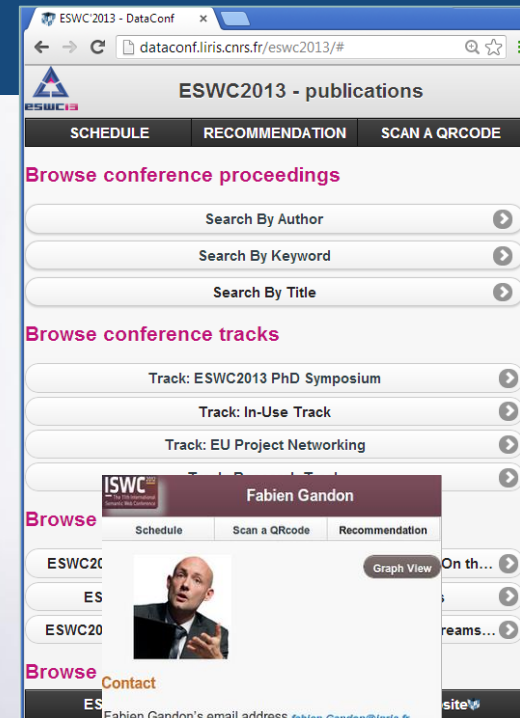
- Browse / search a conference dataset
- Access related data from other sources
- Get publication recommendations using an embedded inference engine

The screenshot shows the 'ESWC2013 - publications' page. It features a navigation bar with 'SCHEDULE', 'RECOMMENDATION', and 'SCAN A QR CODE'. Below the navigation, there are sections for 'Browse conference proceedings' with search options by Author, Keyword, and Title; 'Browse conference tracks' with options for PhD Symposium, In-Use Track, and EU Project Networking; and a 'Browse' section for a specific author, Fabien Gandon, with options for Schedule, Scan a QRcode, and Recommendation. A 'Graph View' button is also visible.

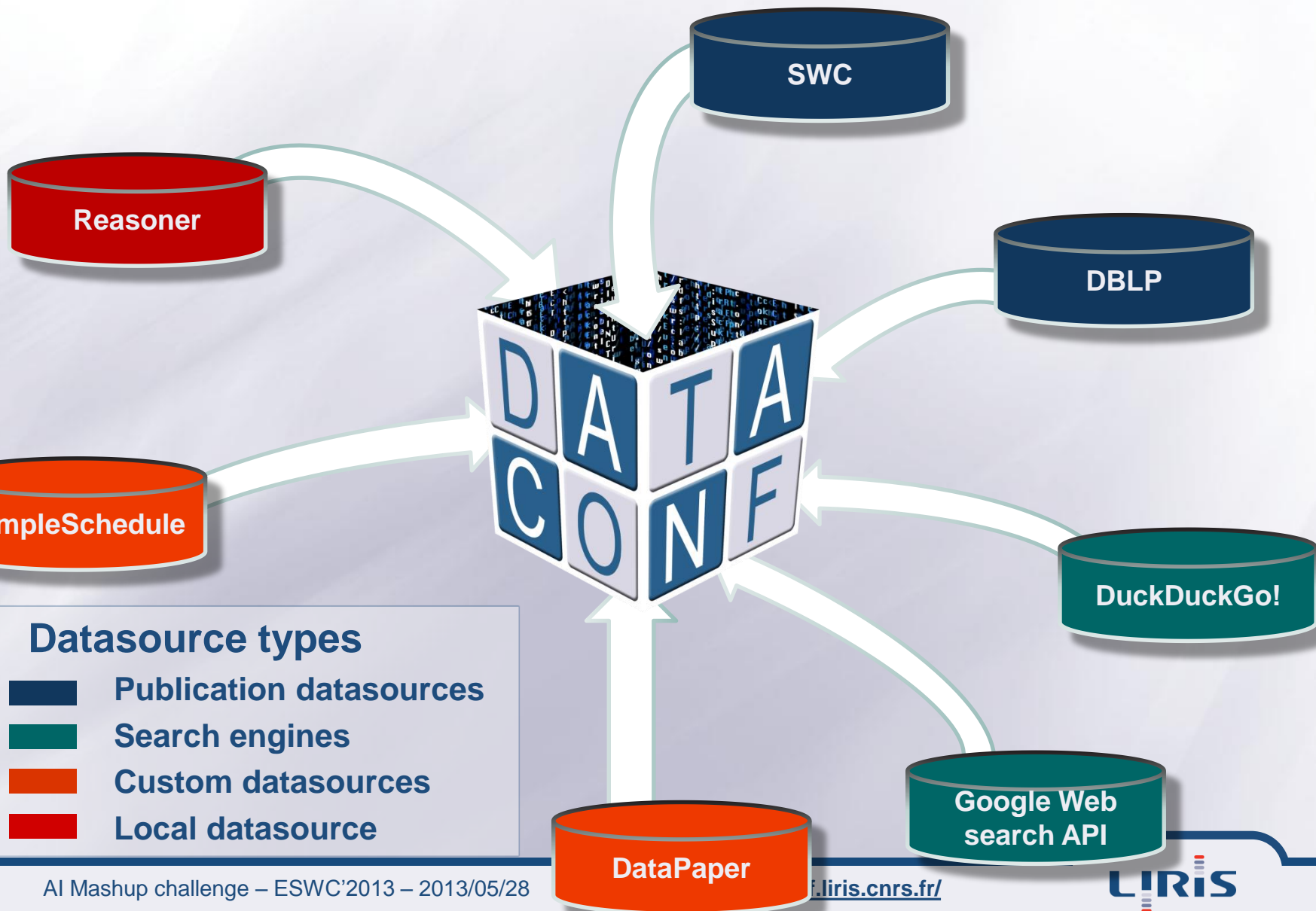
The screenshot shows the 'Recommendation' section of the website. It includes a navigation bar with 'SCHEDULE', 'RECOMMENDATION', and 'SCAN A QR CODE'. The main content area is titled 'You seem interested by :' and lists various topics like 'web of data', 'linked data', 'dynamics', 'OLAP', 'Star Schema Benchmark', and 'Aggregate Views'. Below this, there is a 'You may like :' section with a search bar and a list of recommended articles, such as 'Using BMCcat Catalogs as a Lever for Product Master Data on the Semantic Web' and 'A Comparison of Knowledge Extraction Tools for the Semantic Web'. At the bottom, there are links for 'ESWC2013 website' and 'DataConf app website'.

With DataConf, you can

- ☰ Browse / search a conference dataset
- ☰ Access related data from other sources
- ☰ Get publication recommendations using an embedded inference engine
- ☰ ...Use a few other funny features
 - Data visualization as graph
 - QR code scanning



DataConf and its ecosystem



Main aspects of the app

Linked Data

- 7 different sources
- Component-based data integration

Knowledge engineering

- Construction of a keyword ontology
- Client-side reasoning

Full client-side mashup

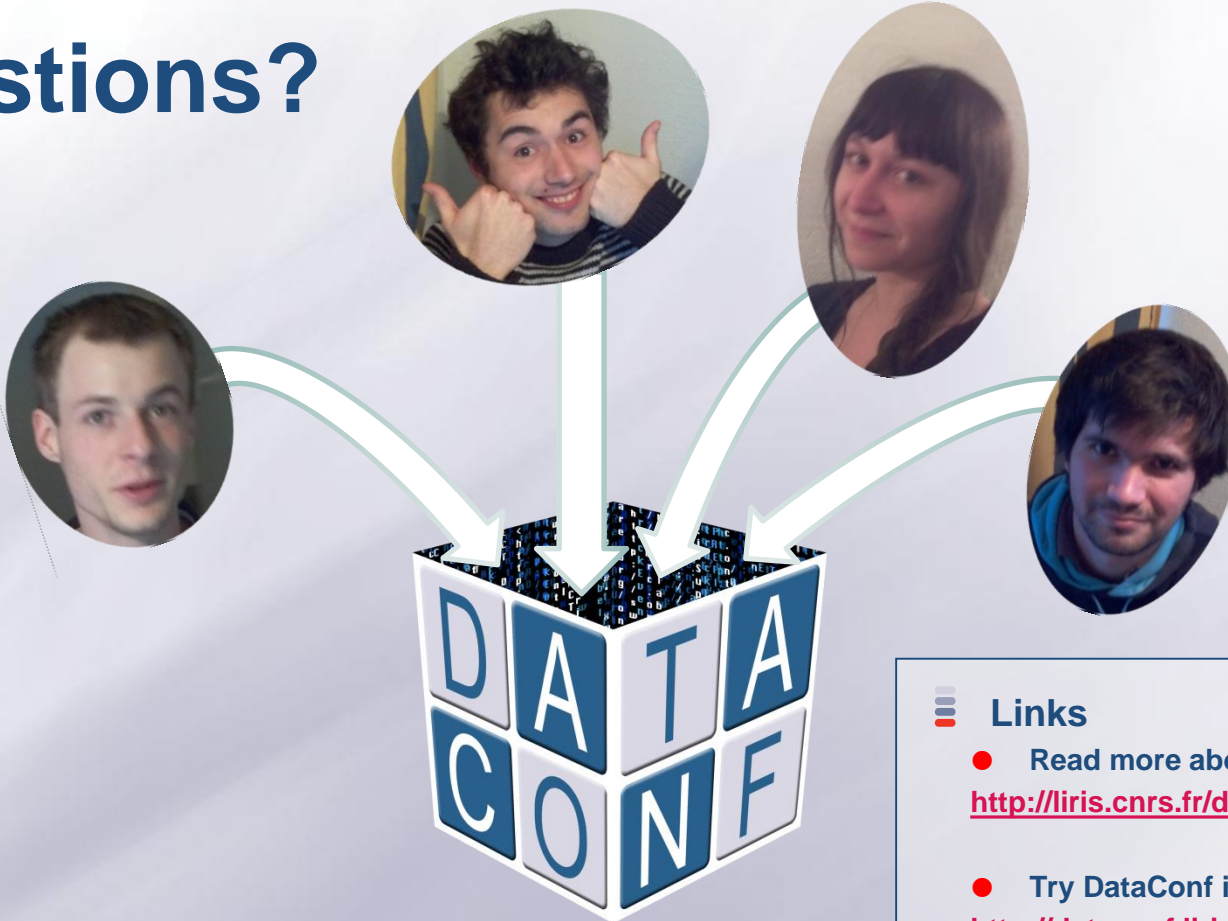
- Advanced Web technologies
- Based on a widely adopted framework
- Easily configurable and extendable

Conclusion: feel free to...

- ☰ Try it on the ESWC'2013 dataset
- ☰ Configure and deploy your own DataConf instance
- ☰ Build / publish new datasource components
- ☰ ...And ask us for more information

Thank you for your attention

Questions?



Links

- Read more about Dataconf at:
<http://liris.cnrs.fr/dataconf/>
- Try DataConf instances at:
<http://dataconf.liris.cnrs.fr/>
- Access ESWC'2013 instance at:
<http://dataconf.liris.cnrs.fr/eswc2013/>

