

# Efficient citation

## A practical approach

AKA Avoiding copy & paste

Mariano Rico, Jan 28<sup>th</sup> 2021

# Recent use case

- Group report (Memoria de Investigación)
  - JARG asks us to submit our CV to create the “group report”
    - Process
      - Send your **updated** CV to JARG
      - JARG merges all the information and generates an Excel file. That file is sent back to all OEG members via email.
      - You have to check the Excel file and report any wrong/missing information.
- Project report (e.g. Plan Nacional “Datos4.0” project)
  - JARG sends me the OEG members’ papers with Datos4.0 “funding *acks*”
    - Process
      - I have to chase you all validating information
      - I have to create a Word document with papers’ refs and a References section

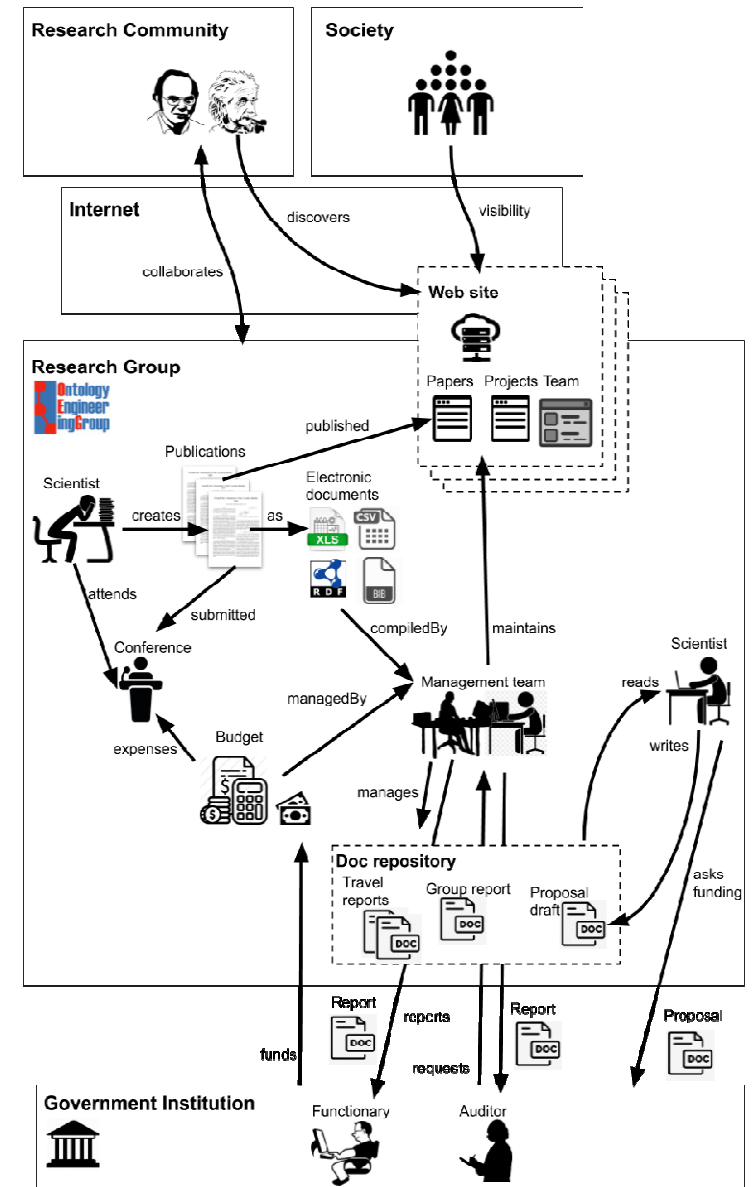
# Questions

- Are you sure that all paper details are **correctly** copied? (No typos)
- How can we do an efficient

Textual description (text)  $\leftrightarrow$  structured info (bibtex)

# Modelling the problem

- This is the “cycle of life” in our lab
  - The “doc repository” plays a critical role



# My proposal

- Automatic textualization of papers from bibtex
- How?
  - Use BibSonomy
    - Create an account for your papers
      - Authored
      - Thesis reference papers
      - Project papers
    - You can have your papers (bibtex and pdf) importing a bibtex file (e.g. from Scholar)
    - I have created a group user “oeg” which aggregates all our bibsonomy users

# Benefits

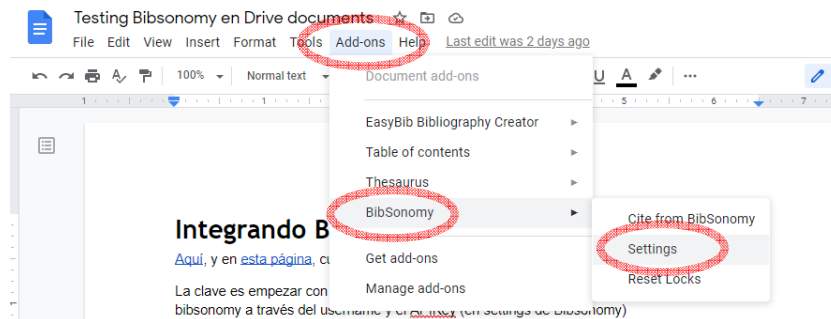
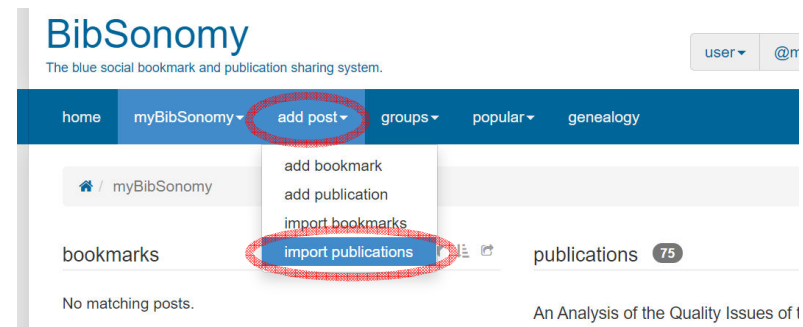
- Collaborative edition of Gdocs with
  - paper references automatically generated
  - References section automatically generated
- Now we can work on the same document collaboratively and referring papers
  - And export it as pdf or Word 😊

The screenshot shows a Google Docs interface. The document title is "Integrando BibSonomy con GoogleDocs". The main text describes how to integrate BibSonomy with Google Docs, mentioning the use of a prototype add-on and the BibSonomy API. It also lists some improvements for the search function. The "References" section contains four entries, each with a BibSonomy ID and a citation. The right sidebar, titled "Cite from BibSonomy", features a search bar and a list of papers with "Cite" buttons next to them. The papers listed are:

- An Analysis of the Quality Issues of the Properties Available in the Spanish DBpedia (Nandana Mihindukulasooriya, Mariano Rico, Raquel García-Castro and Asunción Gámez-Pérez)
- Publishing Tourism Statistics as Linked Data a Case Study of Sri Lanka (Nandana Mihindukulasooriya, Freddy Priyatna and Mariano Rico)
- Simplifying Semantic Web application development and semantic data usage (Mariano Rico and Mariano Rico)
- VPOET: using a distributed collaborative platform for semantic web applications (Mariano Rico, David Camacho and Oscar Corcho)
- Automatic guidance tools for enhancing the educative experience in non-immersive virtual worlds (Mariano Rico, David Camacho and Estrella Pulido)
- Evaluating the Impact of Semantic Technologies on

# BibSonomy

- Create your account
- Import your .bib
  - Generate a .bib from your Scholar profile.
  - You can pick papers
- In Google docs
  - Install add-on BibSonomy
- Your Gdoc must start as a copy of [this Gdoc](#) (in order to copy all the scripts)
- Specify the bibsonomy source
  - An specific user
  - An specific group (e.g. “oeg”)



# BibSonomy groups

- Allows groups as aggregation of bibsonomy users
  - I have created the **oeg** group in bibsonomy
    - You can filter by tag (e.g. **datos4.0**) and export

BibSonomy  
The blue social bookmark and publication sharing system.

home myBibSonomy add post groups popular genealogy

group / oeg / datos4.0

bookmarks  
No matching posts.

publications

A sustainable process and toolbox for geographical lin...  
P. Espinoza-Arias, M. García-Delgado, O. Corcho, P. Vivas-White, and H. Potti-Manjavacas. *Open Geospatial Data*, ...  
2 years ago by @marianorico  
datos4.0

Automating ontology engineering support activities wit...  
A. Alobaid, D. Garjo, M. Poveda-Villalón, I. Santana-Perez, A. Fernández-Izquierdo, and O. Corcho. *Journal of Web* ...  
2 years ago by @marianorico  
datos4.0

Ontology Engineering Group  
@oeg  
The OEG (Ontology Engineering Group) is a research group at Universidad Politécnica de Madrid.  
CV member

browse  
datos4.0 as tag from all users (31 posts)  
related tags  
+ | esta  
+ | myown

home myBibSonomy add post groups popular genealogy

export

format

- please select -

computer science

Springer - Lecture Notes in Computer Science (sorted alphabetically)

Springer - Lecture Notes in Computer Science

Springer - Lecture Notes in Computer Science

Journal of Universal Computer Science

KTH Royal Institute of Technology - School of Computer Science and Communication

Springer - Lecture Notes in Computer Science (sorted alphabetically)

bibliography(FILENAME) by substituting FILENAME with the name you gave the file while saving it and omitting

.html **CSL**  
The Citation Style Language (CSL) is an open XML-based language to format bibliographies and citations. This is compatible with most of the CiteProc implementations.

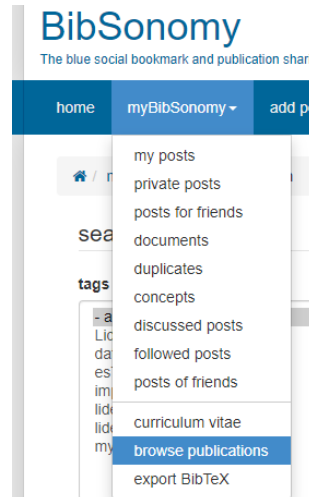
.txt **EndNote \***  
This is an output in EndNote format which is used by EndNote, another bibliography management tool.

.xml **MSOffice XML \***  
A format to import into Microsoft Bibliography.



# BibSonomy plugins

- Many plugins
  - For web pages (generate a list with your papers)
  - [Browser plugin](#) (pick .bib from web pages)
  - [Advanced functionality](#)
    - Default vs advanced



## [Wikipedia publications](#)

### Selected Publications

This page contains a list of selected publications that document DBpedia and its progress and infrastructure directly. The list is maintained by core members. If you think a publication is missing, please contact [dbpedia@infai.org](mailto:dbpedia@infai.org)

The current main reference article for referring to DBpedia in general is "DBpedia - A Large-scale, Multilingual Knowledge Base Extracted from Wikipedia" published in 2015 in the Semantic Web Journal.

Journal and Conference Articles that use DBpedia are listed here.

Keyword

Year	Type	(Co-)Authors
1 2017	11 inproceedings	9 Sebastian Hellmann
2 2016	5 article	6 Dimitris Kontokostas
4 2015		6 Jens Lehmann
1 2014		5 Sören Auer
1 2013		4 Christian Bizer
3 2012		4 Max Jakob

16 Publications

sorted by: [year](#) and [labels](#); then by...

1. **Wikidata through the Eyes of DBpedia**  
by Ali Ismayilov, Dimitris Kontokostas, Sören Auer, Jens Lehmann, and Sebastian Hellmann *in* Semantic Web Journal
2. **DBpedia Abstracts: A Large-Scale, Open, Multilingual NLP Training Corpus**  
by Martin Brümmer, Milan Dojchinovski, and Sebastian Hellmann *in* Proceedings of the Tenth International Conference on Language Resources and Evaluation (LREC 2016) (Editors: Nicoletta Calzolari (Conference Chair), Khalid Choukri, Thierry Declerck, Marko Grobelnik, Bente Maegaard, Joseph Mariani, Asuncion Moreno, Jan Odijk, and Stelios Piperidis)
3. **DBpedia Links: The Hub of Links for the Web of Data**  
by Milan Dojchinovski, Dimitris Kontokostas, Robert Röfling, Magnus Knuth, and Sebastian Hellmann *in* Proceedings of the SEMANTICS 2016 Conference (SEMANTICS 2016)
4. **DBpedia - A large-scale, multilingual knowledge base extracted from Wikipedia.**  
by Jens Lehmann, Robert Isele, Max Jakob, Anja Jentzsch, Dimitris Kontokostas, Pablo N. Mendes, Sebastian Hellmann, Mohamed Morsey, Patrick van Kleeef, Sören Auer, and Christian Bizer *in* Semantic Web
5. **DBpedia Commons: Structured Multimedia Metadata from the Wikimedia Commons**

# Thanks a LOD

Efficient citation (AKA Avoiding copy & paste)

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