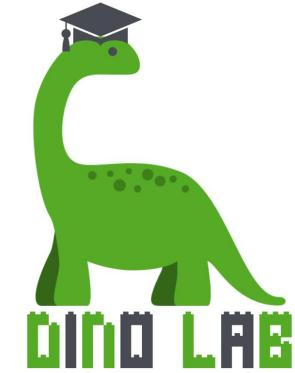


What do I want?

Laboratoire MDL

Antoine Clarinval



Outline

- Presentations
- MDL project
 - Context
 - My problem
 - Solution

Presentations

- Researcher
- PhD student
- Head of the Dino Lab
- MDL client



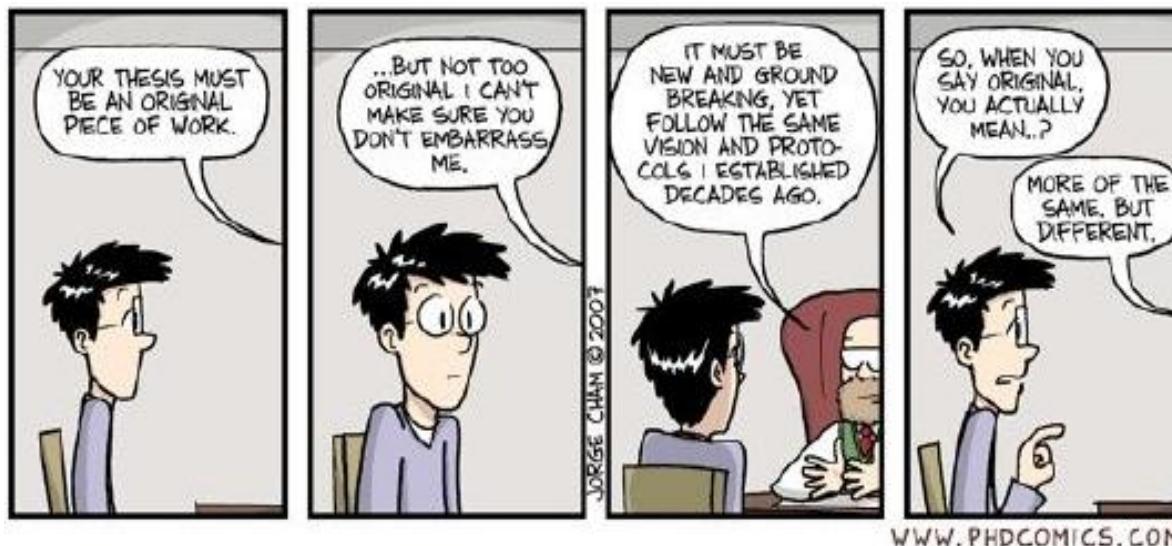
Presentations

THE CLIENT IS KING



MDL project - Context

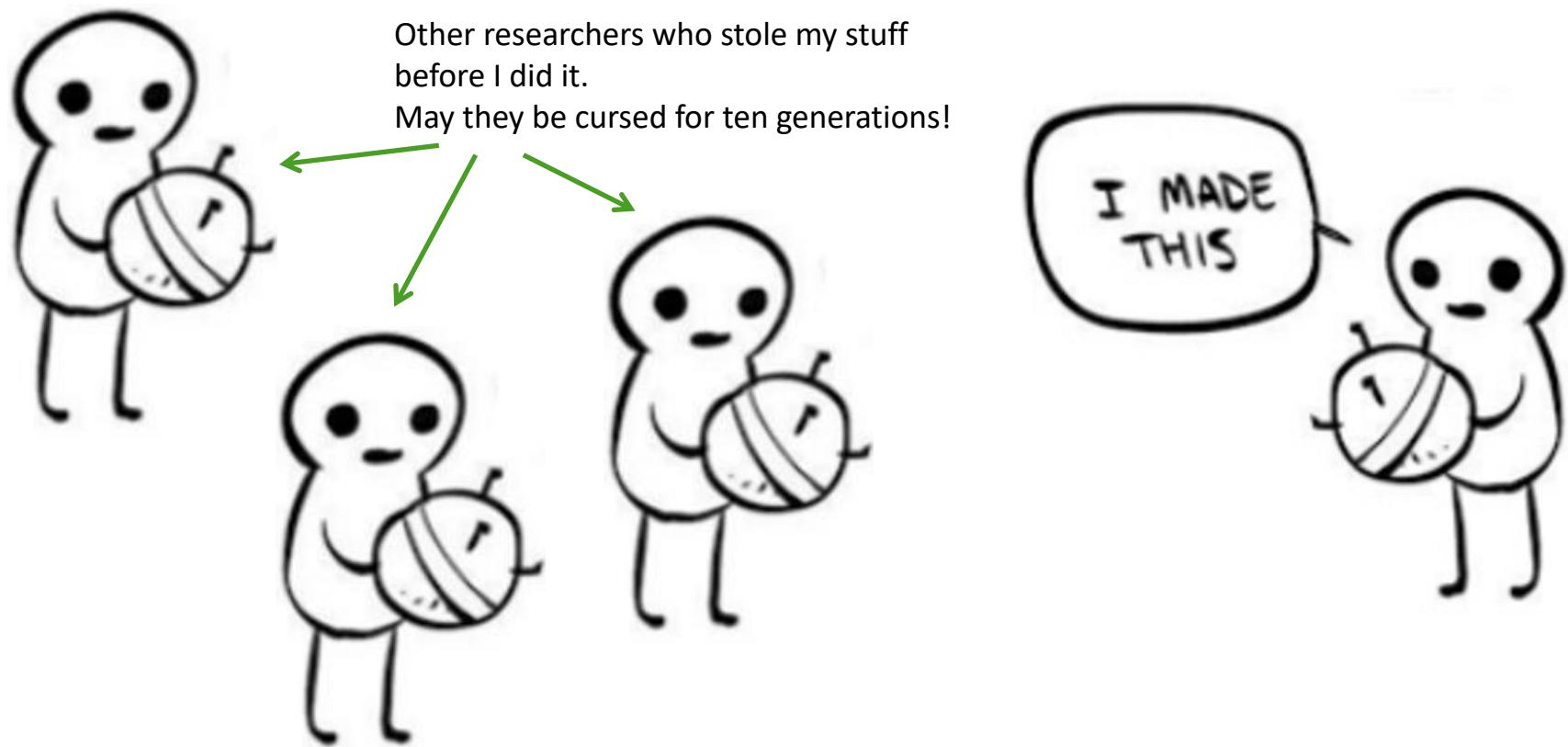
- I do research in the University of Namur. That means I have to do innovative stuff



WWW.PHDCOMICS.COM

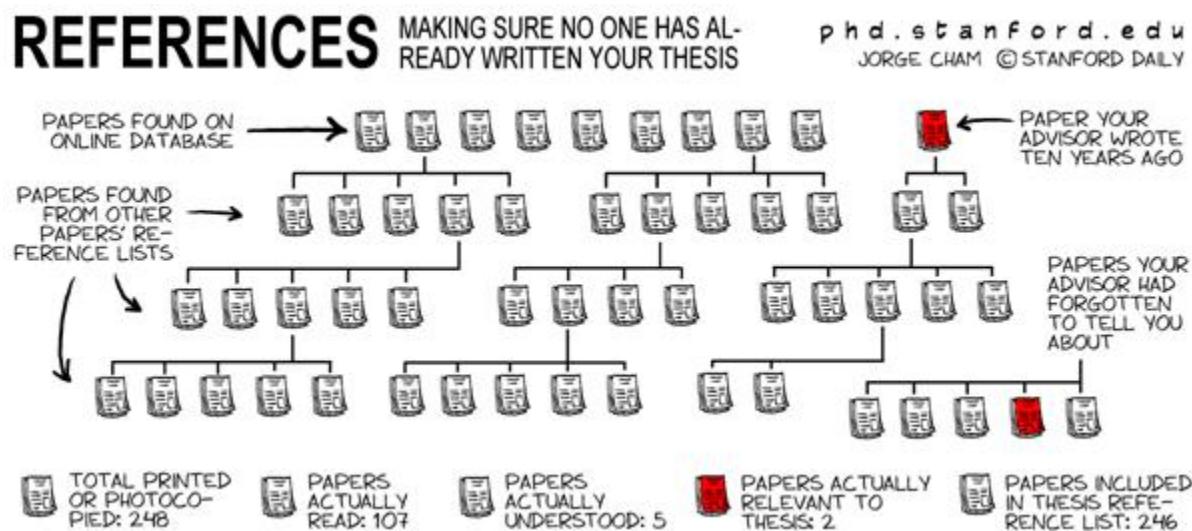
MDL project - Context

- BUT: I need to know what others have done, because I should not do something that someone else already did



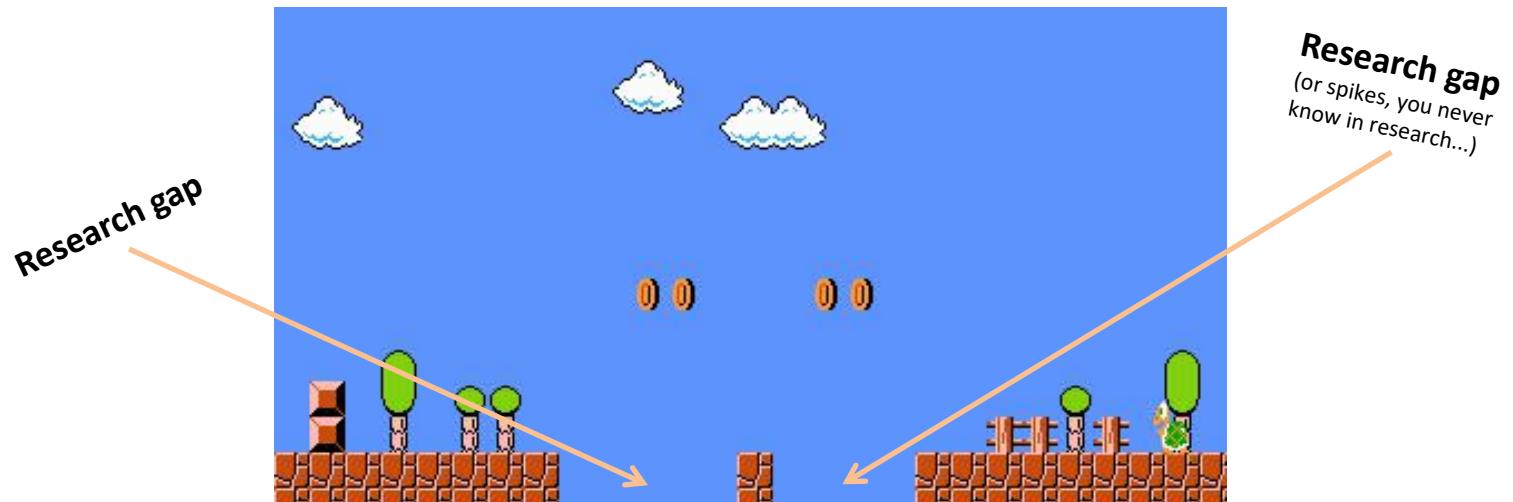
MDL project - Context

- THEN: I need to read and conduct literature reviews to see what others have done



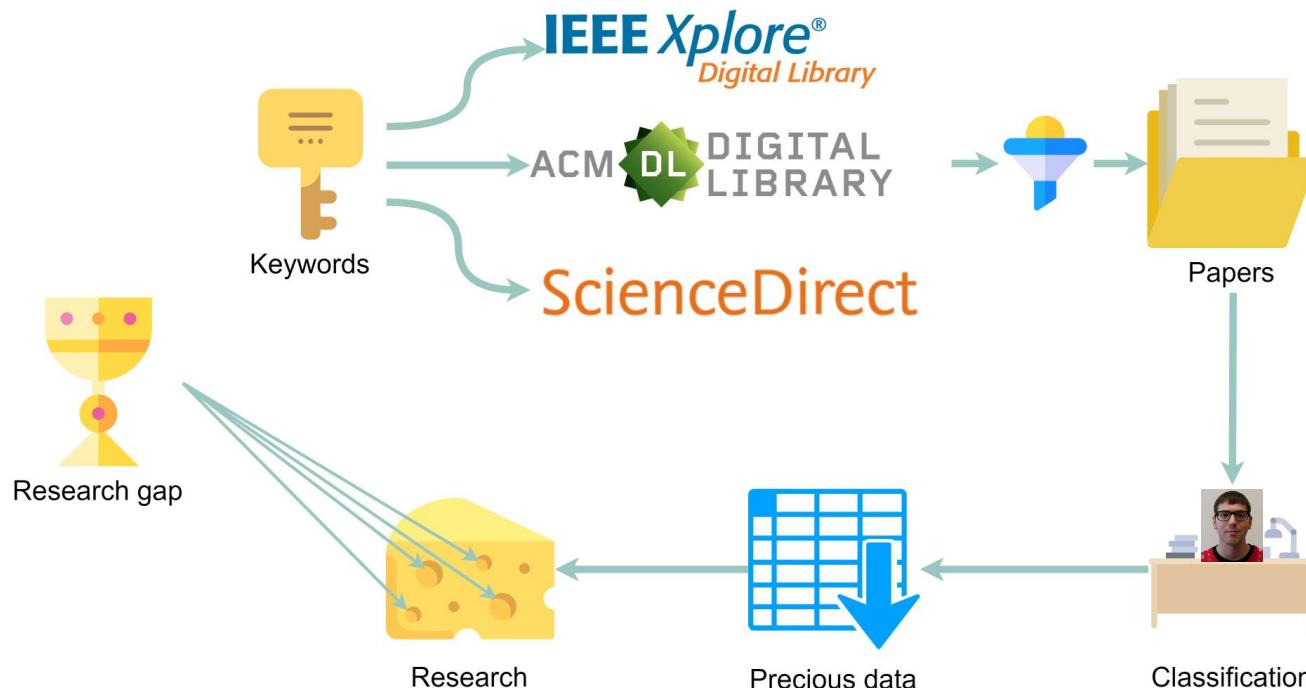
MDL project - Context

- HOW: my role of client prevents me from providing clear explanations at this point. We'll see during the last sprint.
- Research is the opposite of Super Mario. You need to fall in the gaps. Gaps are good.



MDL project - Context

- HOW: basically, you get scientific papers, you extract important data and see which data values did not appear in the papers



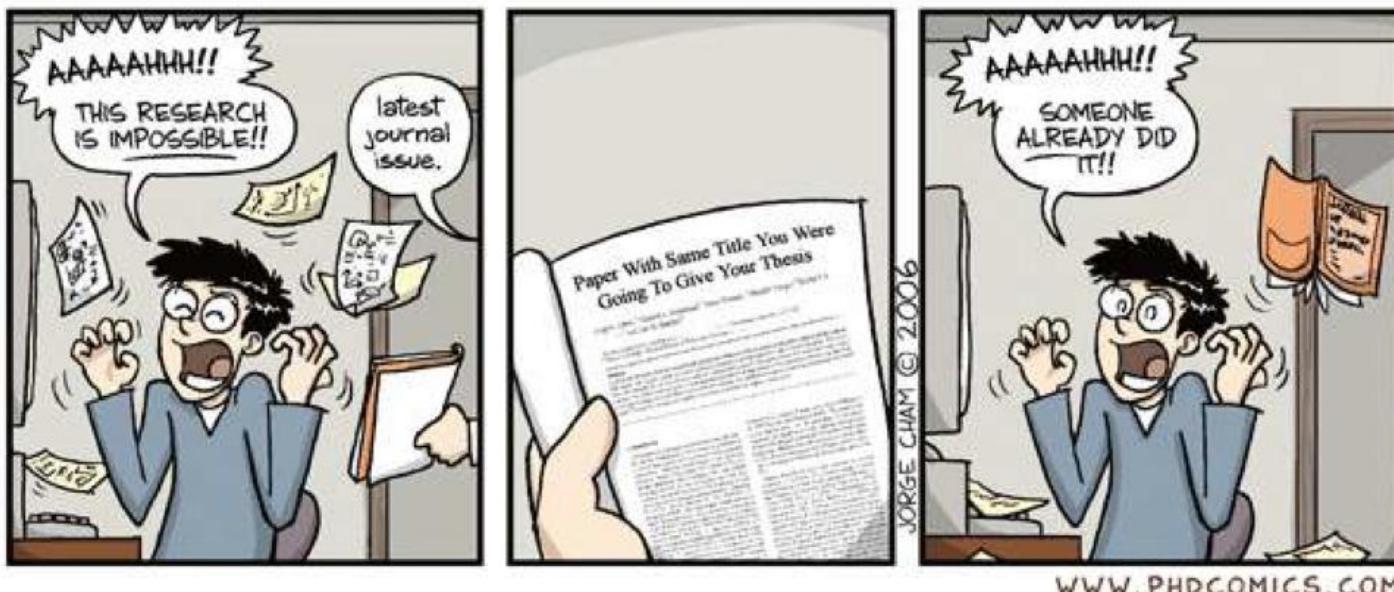
MDL project - Context

- NEXT: When the literature reviews is completed, it becomes a paper and goes for peer reviewing (and hopefully published)



MDL project - My problem

1. Research never ends! The relevant literature for a domain changes all the time
 - Literature reviews need to be updated



MDL project - My problem

- But the publication process is long, so updating a literature review would take like 6-18 months!
- How could I share my updated literature reviews with people faster? How could I access more up-to-date literature reviews?

MDL project - My problem

2. Reading papers is long. And so static. It's like how they did things at the time of dinosaurs.

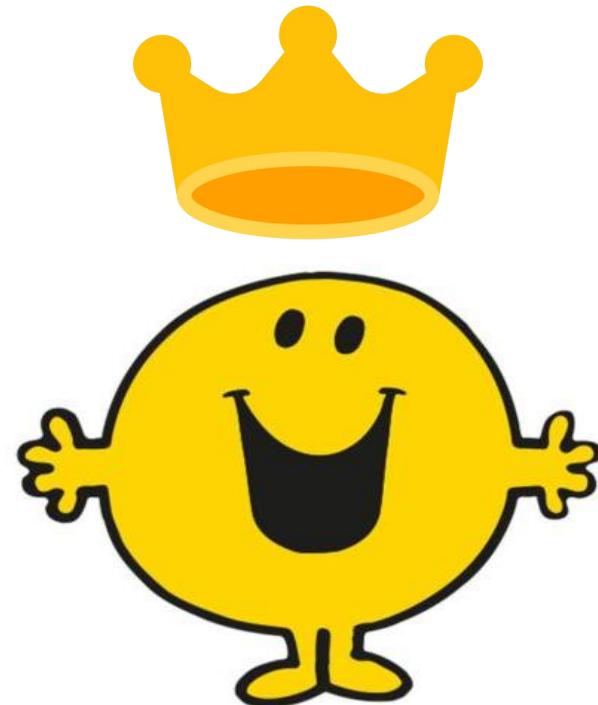


MDL project - My problem

- Papers are still important, but would there be a more fun and engaging way to explore a literature review?

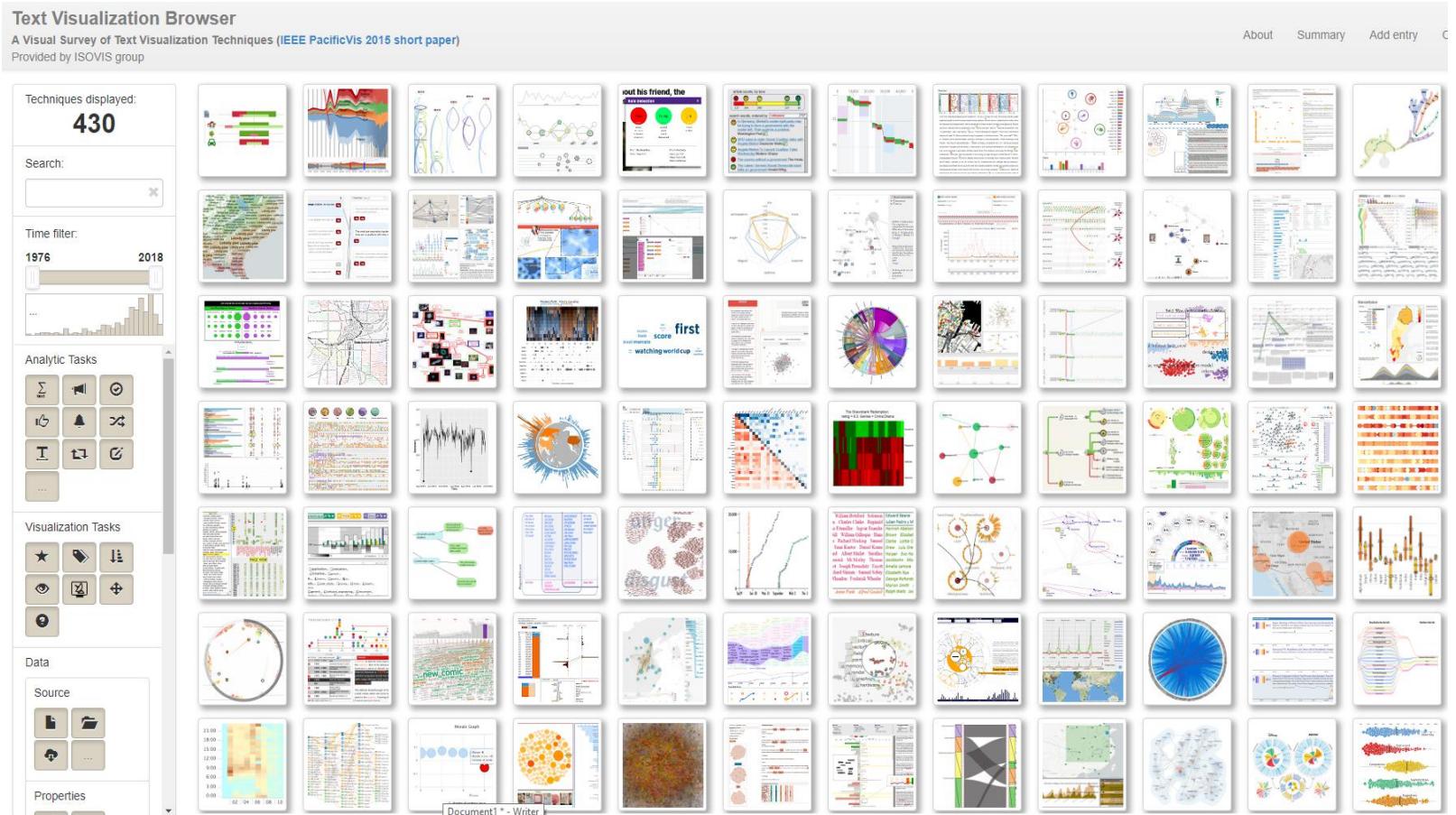
MDL project - Solution

- Web portal to explore literature reviews
 - Fast to update frequently and easy to access
 - Problem 1 is tackled!
 - Limitless interaction possibilities
 - Problem 2 is tackled!



MDL project - Solution

- Existing example: Text Visualization Browser
 - <http://textvis.lnu.se/>



MDL project - Solution

Text Visualization Browser
A Visual Survey of Text Visualization Techniques (IEEE PacificVis 2015)
Provided by ISCOVIS group

Techniques displayed: **430**

Search:

Time filter: 1976 - 2018

Analytic Tasks

Visualization Tasks

Time-Ray Maps (2017)
by Julia Sheidin et al.

The screenshot shows a detailed view of the 'Time-Ray Maps' entry within the browser's interface. The entry is titled 'Time-Ray Maps (2017)' and is attributed to 'Julia Sheidin et al.'. Below the title is a small thumbnail image of the visualization. To the right of the thumbnail is a row of icons for interacting with the entry. The main content area displays the abstract text: 'Julia Sheidin, Joel Lanir, Peter Bak, and Tsvi Kuflik. Time-Ray Maps: Visualization of Spatial and Temporal Evolution of News Stories. Short Papers of the Eurographics Conference on Visualization (EuroVis), 2017.' Below the abstract is a URL link: 'URL: <https://doi.org/10.2312/eurovisshort.20171138>' and a BibTeX download link: 'BibTeX'. The background of the browser shows a grid of many other visualizations, each represented by a small thumbnail image.

MDL project - Solution

Text Visualization Browser
A Visual Survey of Text Visualization Techniques (IEEE PacificVis 2015)
Provided by ISOVIS group

Techniques displayed: **430**

Search:

Time filter: 1976 2018

Analytic Tasks

Visualization Tasks

Data

Add entry

If you are an author of a [peer-reviewed published work](#) on text visualization that presents a contribution missing in our browser, please feel free to submit an entry. If you wish to do so, please use the form below to generate a JSON entry, save it as a file and send it to [Kostiantyn Kucher](#) together with

- a 200x200 px PNG thumbnail of your visualization,
- a 100x100 px PNG thumbnail, and
- a BibTeX reference file.

The URL provided in the form should point to a [DOI](#). Also, please acknowledge the fact that by submitting an entry, you provide us with permissions to use your image on this resource and in related publications.

Note: if you have trouble seeing the resulting entry after clicking the "Process" button, please check your AdBlock settings (and add this website to the whitelist).

Short title e.g., TextVis

Year 2016

Authors e.g., John Doe and Jane Doe

Categories Analytic Tasks

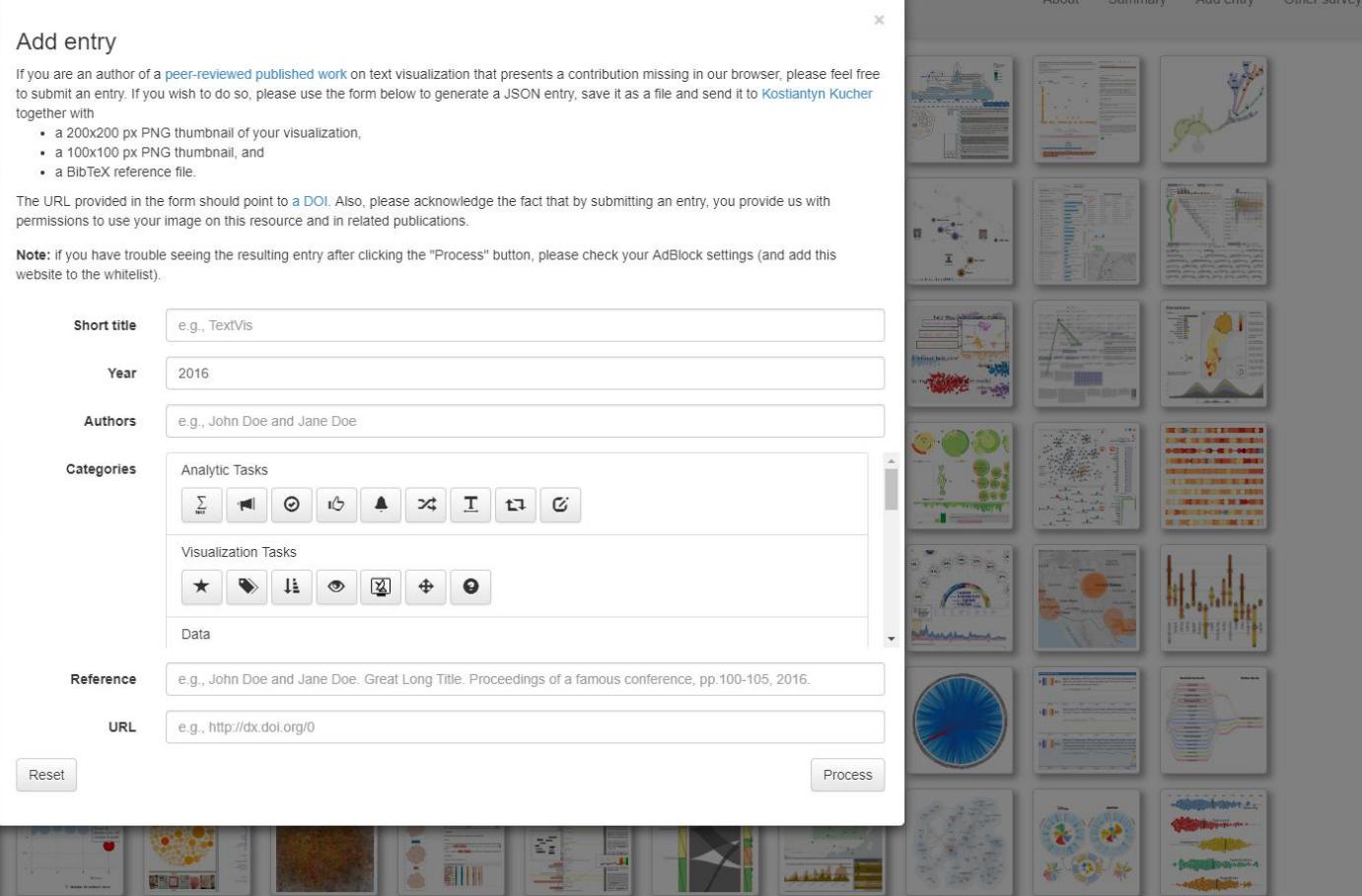

Visualization Tasks


Data

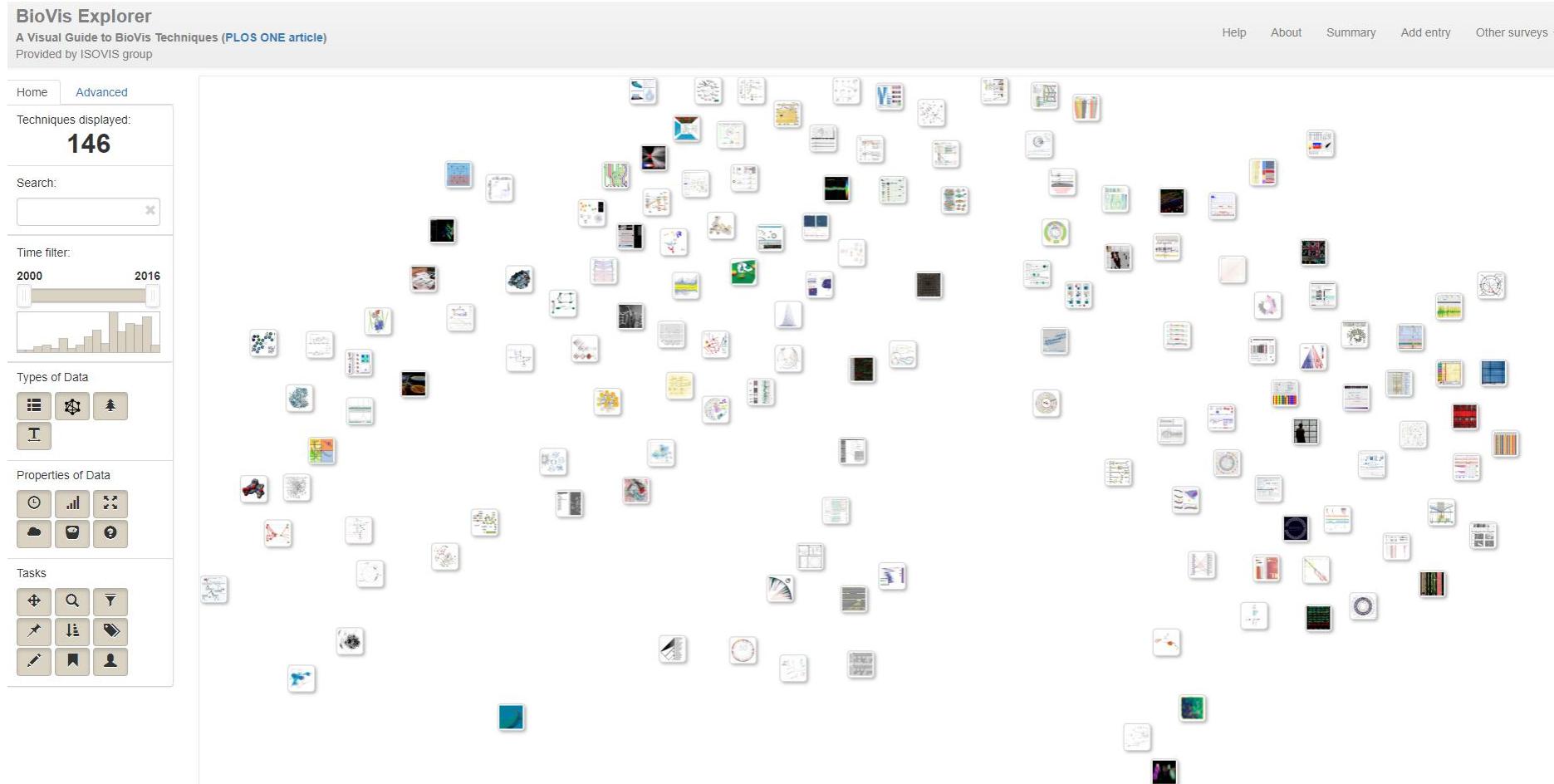
Reference e.g., John Doe and Jane Doe. Great Long Title. Proceedings of a famous conference, pp.100-105, 2016.

URL e.g., <http://dx.doi.org/0>

Reset **Process**



MDL project - Solution



MDL project - Solution



MDL project - Solution



That's all Folks!