

1. Organising sources is hard, especially when you're dealing with a large number of sources and a wide range of literature's. When it comes time to write, **an inconsistent filing system might mean we:**

- ▶ Forget the content of a source
- ▶ Forget how our sources fit in relation to each other
- ▶ Forget a source completely! D:

2. These problems can end up costing us a lot of time and causing a great deal of frustration, rendering a lot of the hard work we've done gathering sources and taking notes useless.

3. My project seeks to quickly identify key themes and relevant information between a large number of sources and to store these sources according to themes identified:

- ▶ Two complementary open source software: **Voyant Tools** for finding key themes and content in and between sources and **Zotero** to store sources based on these findings.

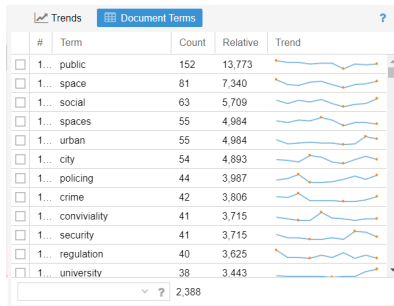


Image 1: Each source is analysed to provide a list of the key words used, alongside where the word is used and its broader relation to the source. A similar list is shown for keywords amongst all your sources which can be used to determine the overall relevance of your source.

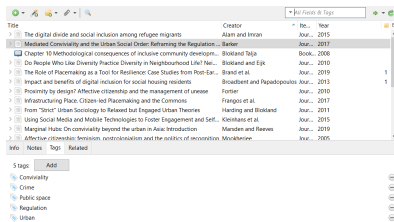
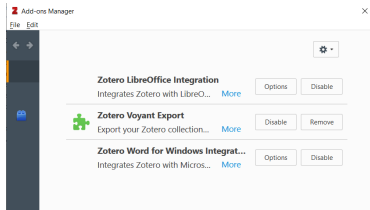
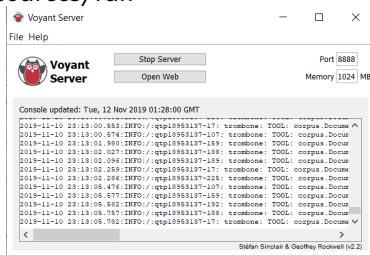
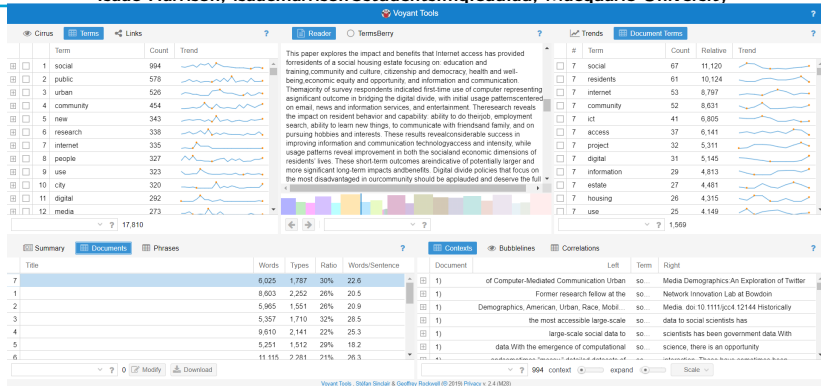


Image 2: Once you have determined the key themes for your source, they can then be added into Zotero as tags, as seen in the bottom tab. Sources can then be accessed and displayed by relevance to key themes, alongside annotations and automatically stored meta data.

<https://digihum.mcgill.ca/voyant/resources/run-your-own/voyant-server/>

Downloading Voyant server from this link, I am able to upload my entire Zotero collection straight to Voyant for analysis using the Zotero Voyant export extension (downloaded here: <https://github.com/corajr/zotero-voyant-export/>).





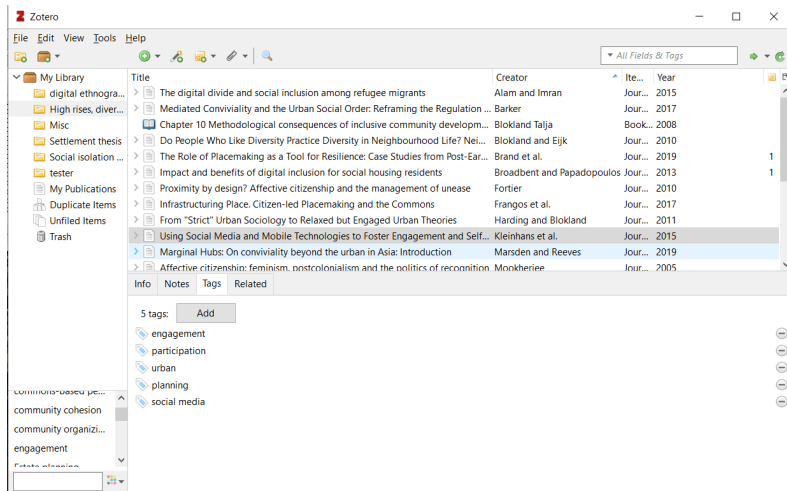
(a) Once uploaded, Voyant determines key themes, terms and other commonalities within and between sources.

(b) This allows me to determine the major concepts within the literature as well as the relevance of particular sources.

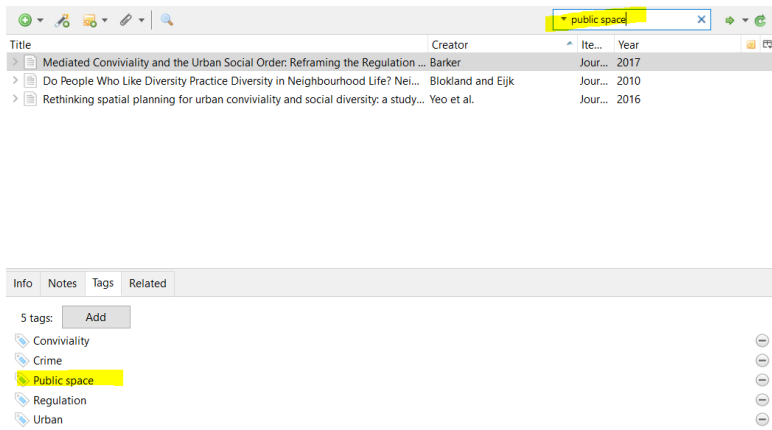
⇒ Once determined, I can add key terms directly to Zotero according to their relevant source

Connecting and Compiling Sources

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Using the tags function, any amount of key terms can be listed on the basis of Voyant's finding, or your own preference. Metadata, annotations and tags can be viewed for any article with a click.



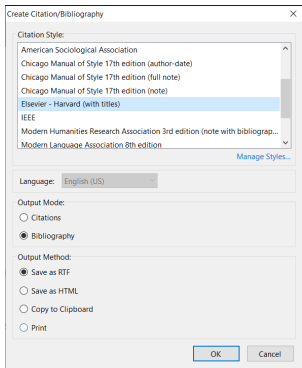
The screenshot shows a search interface with a search bar at the top right containing the text "public space". Below the search bar is a table of search results. The table has columns for Title, Creator, Year, and a small icon. The results are as follows:

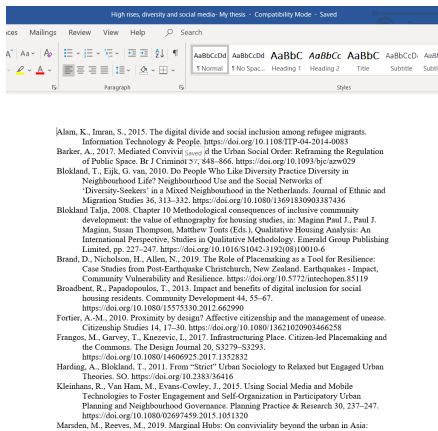
Title	Creator	Year
Mediated Conviviality and the Urban Social Order: Reframing the Regulation ...	Barker	2017
Do People Who Like Diversity Practice Diversity in Neighbourhood Life? Nei...	Blokland and Eijk	2010
Rethinking spatial planning for urban conviviality and social diversity: a study...	Yeo et al.	2016

Below the table is a section for tags. It says "5 tags:" followed by a list of tags: Conviviality, Crime, Public space (highlighted in yellow), Regulation, and Urban. To the right of the tags is a vertical stack of five minus signs.

Based on the metadata, annotations and tags, the search bar function is able to group together relevant articles. Here demonstrated, with the help of a highlighter, is use of the term 'public space' to group together articles which share this tag.

Another incredibly useful feature of Zotero is being able to automatically generate a bibliography. Right clicking on either an individual source or an entire collection will create a list of references (or a single reference in the case of an individual source) in the style of your choosing. These can then be saved as their own document or onto your clipboard for easy use.





When saving the bibliography as an rtf, it should end up looking something like this.

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- ▶ Using this workflow as outlined here, I have cut down on time having to grapple with my sources by a considerable amount when preparing for and writing essays.
- ▶ For bigger projects, such as research papers or a thesis, this will be even more useful. Now I am able to cut out the tedium of pouring over sources multiple times throughout the research process. This ultimately gives me the confidence I need for crafting a thesis which isn't afraid to deal with lots of different ideas at once.
- ▶ Hopefully this can do the same for you!
- ▶ For more: visit <https://github.com/isaacharrison01/FOAR705POC>