

CiteLens - Instructions

Note:

- Only one of the two view is ready. **Contextualize** view is currently unavailable until we finish the **Compare** view.

A. Compare View

1. Reference Panel (Left on the screen)

Description: Shows the bibliographic references of the document, displaying author, title and year of each reference. The number in the top-left corner indicates how many times the reference was used. It is ordered according to the position they were used on the text and the list is scrollable.

In the bottom there counter showing the total number of references in the document. It also displays how many references matches the filter criteria.

Actions:

Sort By: The user can chose to alphabetically reorganize the list by author name, title or date. To undo the sort, just click in whatever sort criteria is selected.

Search: The user can search either for author or title. The engine runs every time the user type a character and search for the string in the textfield within the title, and author name and last name. It has autocomplete function, showing the first 6 (max) occurrences. Choose one either by clicking in the item, navigating by arrows, or hitting “return” to search for the string in the textfield.

The engine will hide the references that do not match with the search and reorganize the other to the top of the list.

To clear the search, click on the “x” button in the textfield.

Note:

- Some items displayed a colored circle. It is just a visual debug information. Orange circle means that the attribute “reason” is missing on the XML; the red means that “Citation Type (fact or opinion)” is missing.

Future implementation:

- By now, the user can highlight a item by selecting it. Further implementation will expand the item area showing full citation information. It also will highlight the reference in the reader panel and in the visualization of the filter panel.

2. Filter Panels (Comparison set)

Description: Displays the filter criteria for comparison divided in categories, as well as a visualization showing citations span and position that matches with the criteria.

Language: List all different languages used in the references work.

Countries: List all different countries of the references work.

Publication type: List all possibles publications types, including types that are not found in the document.

Period: Set the start and end dates. If one of the dates is empty, the engine assumes the earlier reference for start date and latest reference for end date. Add more than one period or remove a previous period set.

Function: List all citations functions, including those not present in the document.

Author: Set a particular author. Autocomplete box is available. Add more than one or remove a previous set author.

The options in each category is summed. For example, selecting English and Italian languages will be interpreted by the engine as English OR Italian. It will selected all references in English and all references in Italian.

From the top to bottom, the engine narrow the results. Each subsequent category searches in the result of the previous one. For example: English and Italian languages

result in a 73 references from a total of 136. By selecting Book in the publication type, the engine will search for book publication in those 73 references, resulting in 23 English and Italian books. If the language options are removed, the engine will show that there are 45 books as references.

The color are for comparison purposes and they not interfere on each other. Although, the list of references will display the items that matches with the combinations of the 3 set of comparisons. For instance: Set 1 shows 45 books. Set 2 shows 34 francophone references. The reference list will show 59 items, which is the combination of the two sets. The sum does not matches ($45 + 34 \neq 59$) because there are some books that are in french, so the engine will not count them twice.

Actions:

Selected the option by clicking or filling the fields. Full name of the language, country or publication type is provide if mouse over on them.

Clear the filter set by clicking on the “x’ button on the top-right of the panel.

Notes:

- Function category is not ready yet.
- Many tests has to be performed to guarantee that the filter is searching properly.

Future implementation:

- Capability to rearrange visualization panels to put them side-by-side in order to have a better visual comparison.

3. Reader

Description:

Just a scrollable reader panel.

Notes:

- The colored text is just mapping the citations in the text, serving as place holder for test purposes.

Future implementation:

- Highlight the selected references in the list.
- Other implementations in the contextualize view

4. Full text visualization

Description: It is meant to be a navigator panel, where the user can scroll the reader text and zoom in a section of the document. The citations is mapped as lighter gray.

Notes:

- No interaction is ready yet.