

# Search Mockup

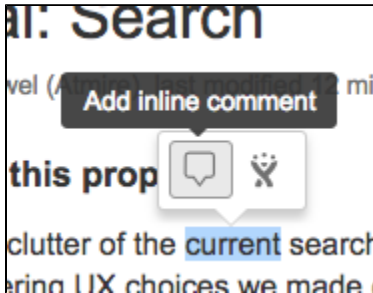
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## The goals of this proposal

- reducing clutter on the current search pages
- reconsidering UX choices we made earlier
  - e.g. when we first added faceted search to dspace, it wasn't something the average user had a lot of experience with. These days most webshops, search engines, etc. have some form of faceted search.
- making use of the advantages of a javascript UI
  - e.g. parts of the page can update without a classic page reload

**Note:** you can make inline comments by selecting a word and hovering over it for a moment:



## Facets are shown in a sidebar

- That side bar stays fixed, when scrolling
- The design assumes that there will be no navigational sidebar (with sections browse, my account, admin, etc)
  - the goal is to move this to a navbar at the top of the screen, but the navigation design needs an entire wiki page to itself

## The gear dropdown is removed

- its contents move to the sidebar as well

## Facets are collapsed by default





- you only see the name of the field
- you need to click that name to open it
- this makes the page seem less convoluted and daunting
- it also makes it easier to use on mobile
- It should still be configurable to have them open by default

**Search**

https://dspace7-demo.atmire.com/search?q=influenza%20hospital&scope=16ec7b48-adcd-4d7a-9911-b1374eed98ea

**influenza hospital** **Go**

Showing 1-10 of 235 results

<b>Filters</b>  Scope +  Author +  Issue Date +  Journal +  <a href="#">Remove all filters</a>	 <a href="#"><b>Seasonal Influenza Vaccine Effectiveness against Influenza Hospitalizations: Results from the Global Influenza Hospital Surveillance Network</b></a> <small>J Puig-Barberá, A Natividad-Sancho, O Launay ... - PLoS ..., 2014</small> The effectiveness of currently licensed vaccines against influenza has not been clearly established, especially among individuals at increased risk for complications from influenza. We used a test-negative approach to estimate influenza vaccine effectiveness (IVE) against hospitalization with laboratory-confirmed influenza ...
	 <a href="#"><b>Lack of H5N1 avian influenza transmission to hospital employees, Hanoi, 2004</b></a> <small>NT Liem, IAH Team, WL Vietnam - Emerging infectious diseases, 2005</small> To establish whether human-to-human transmission of influenza A H5N1 occurred in the healthcare setting in Vietnam, we conducted a cross-sectional seroprevalence survey among hospital employees exposed to 4 confirmed and 1 probable H5N1 case-patients or their clinical specimens. Eighty-three (95.4%) of 87 eligible employees completed a questionnaire and provided a serum sample, which was tested for antibodies to ...
	 <a href="#"><b>Impact of influenza exposure on rates of hospital admissions and physician visits because of respiratory illness among pregnant women</b></a> <small>L Dodds, SA McNeil, DB Fell, VM Allen ... - Canadian Medical ..., 2007</small> Excess deaths have occurred among pregnant women during influenza pandemics, but the impact of influenza during nonpandemic years is unclear. We evaluated the impact of exposure during nonpandemic influenza seasons on the rates of hospital admissions and physician visits because of respiratory illness ...
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**Settings**  
 Sort By  
 ▾  
 Results per page  
 ▾

Search

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### Filters

- Scope +
- Author +
- Issue Date +
- Journal +

Remove all filters

### Settings

Sort By  

Relevance ▼

Results per page  

10 ▼

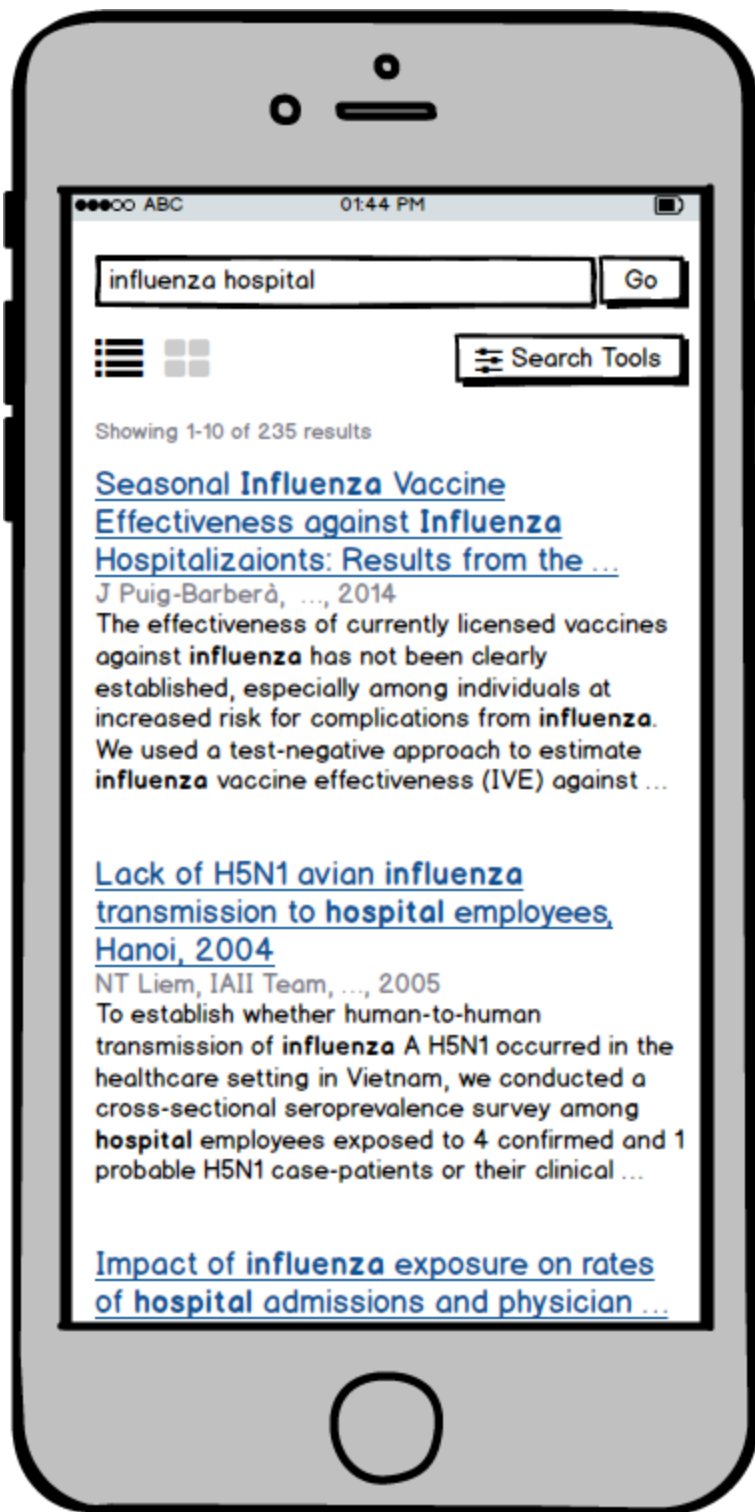
[Seasonal Influenza Vaccine Effectiveness against Influenza Hospitalizations: Results from the Global Influenza Hospital Surveillance Network](#)  
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[Impact of influenza exposure on rates of hospital admissions and physician visits because of respiratory illness among pregnant women](#)  
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[Seasonal Influenza Vaccine Effectiveness against Influenza Hospitalizations: Results from the Global Influenza Hospital Surveillance Network](#)  
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The effectiveness of currently licensed vaccines against influenza has not been clearly established, especially among individuals at increased risk for complications from influenza. We used a test-negative approach to estimate influenza vaccine effectiveness (IVE) against hospitalization with laboratory-confirmed influenza ...

<< < 1 2 3 ... 10 > >>



influenza hospital

Go



Search Tools

Showing 1-10 of 235 results

[Seasonal Influenza Vaccine Effectiveness against Influenza Hospitalizations: Results from the ...](#)

J Puig-Barberà, ..., 2014

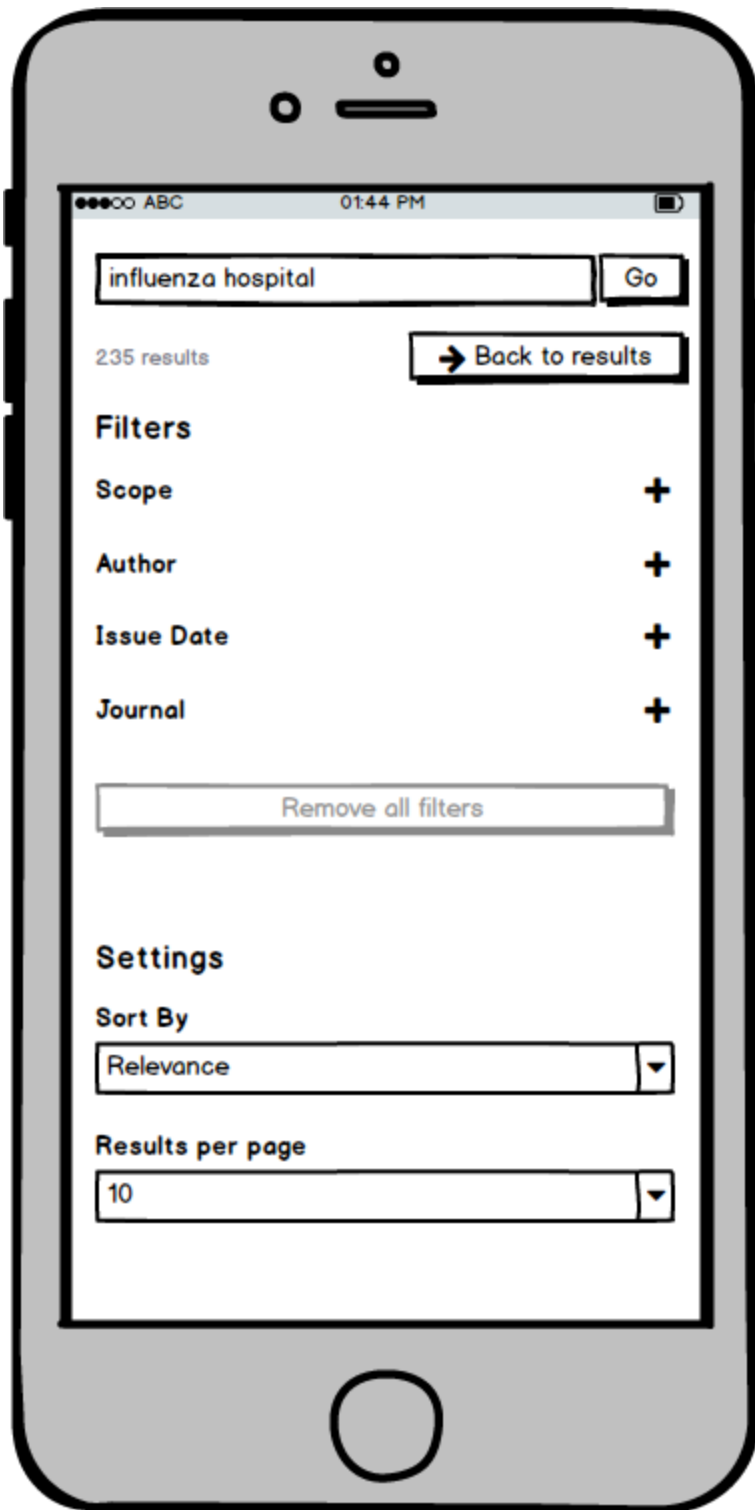
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NT Liem, IAH Team, ..., 2005

To establish whether human-to-human transmission of **influenza A H5N1** occurred in the healthcare setting in Vietnam, we conducted a cross-sectional seroprevalence survey among **hospital** employees exposed to 4 confirmed and 1 probable H5N1 case-patients or their clinical ...

[Impact of influenza exposure on rates of hospital admissions and physician ...](#)



### Advanced filters and facets are combined

- A advanced filter input is shown underneath the list of values for a facet
- fields can be configured to have either a facet, an advanced filter, or both
- the order in which the fields appear should be configurable

### Active filters are shown in their respective section

- no longer as a tag at the top of the page

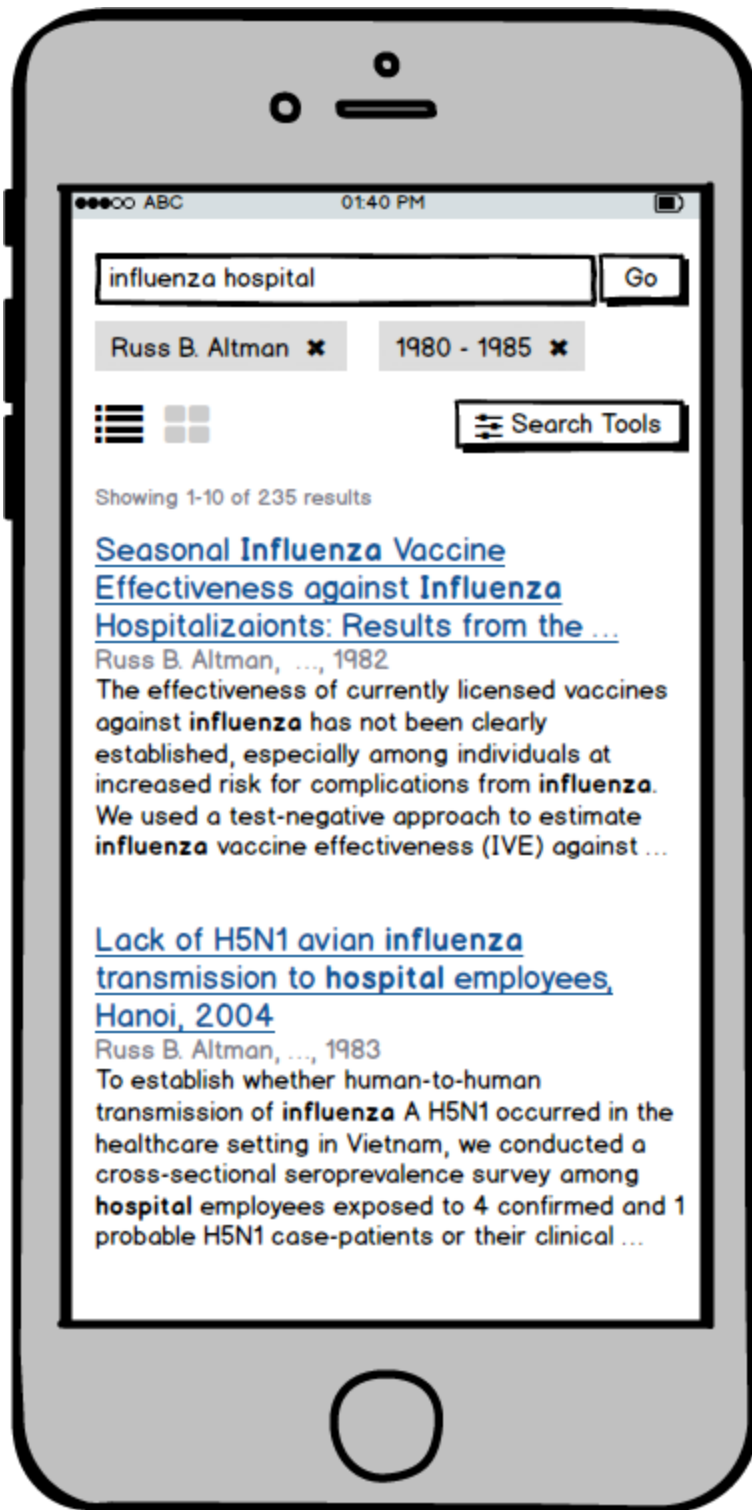
- that way, if you want to find a filter on Issue Date, for example, you can go search in the issue date section, where you activated it, rather than at the top of the page.
- although, I am willing to show them at the top of the page as *well* if people think we should.

## Selecting filters

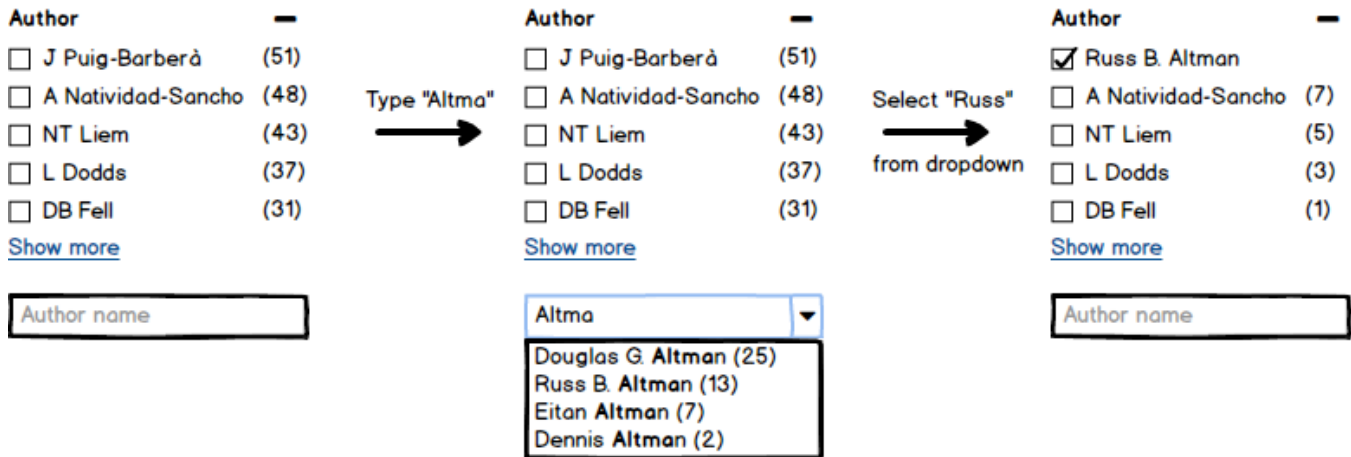
- A facet value is an unchecked checkbox, an active filter is a checked checkbox
- if you select a facet or a filter, the number next to it (showing the number of matching results) disappears
  - All selected filters are applied when they're selected, so that number would always be equal to the number of search results.
- Selected filters will be shown both at the top of their category, and as tags underneath the search box

The screenshot shows a web search interface with the following components:

- Search Bar:** Contains the text "influenza hospital" and a "Go" button. Below it, active filters are shown as tags: "Russ B. Altman" and "1980 - 1985".
- Filters Section:**
  - Scope:** A plus sign (+) indicating it is expanded.
  - Author:** A minus sign (-) indicating it is collapsed. It lists:
    - ☒ Russ B. Altman
    - ☐ A Natividad-Sancho (7)
    - ☐ NT Liem (5)
    - ☐ L Dodds (3)
    - ☐ DB Fell (1)
 A "Show more" link is below the list.
  - Issue Date:** A minus sign (-) indicating it is collapsed. It shows a date range from 1980 to 1985 with a slider. Below are checkboxes for each year:
    - ☐ 1980 (20)
    - ☐ 1981 (32)
    - ☐ 1982 (19)
    - ☐ 1983 (29)
    - ☐ 1984 (16)
  - Journal:** A plus sign (+) indicating it is collapsed.
  - Remove all filters:** A button at the bottom of the filters section.
- Search Results:**
  - Text: "Showing 1-10 of 235 results"
  - Three result cards are visible, each with a placeholder image (a box with an 'X') and a title:
    - Seasonal Influenza Vaccine Effectiveness against Influenza Hospitalizations: Results from the Global Influenza Hospital Surveillance Network**  
 Russ B. Altman, A Natividad-Sancho, O Launay... - PLoS ..., 1982  
 The effectiveness of currently licensed vaccines against influenza has not been clearly established, especially among individuals at increased risk for complications from influenza. We used a test-negative approach to estimate influenza vaccine effectiveness (IVE) against hospitalization with laboratory-confirmed influenza ...
    - Lack of H5N1 avian influenza transmission to hospital employees, Hanoi, 2004**  
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 To establish whether human-to-human transmission of influenza A H5N1 occurred in the healthcare setting in Vietnam, we conducted a cross-sectional seroprevalence survey among hospital employees exposed to 4 confirmed and 1 probable H5N1 case-patients or their clinical specimens. Eighty-three (95.4%) of 87 eligible employees completed a questionnaire and provided a serum sample, which was tested for antibodies to ...
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 Excess deaths have occurred among pregnant women during influenza pandemics, but the impact of influenza during nonpandemic years is unclear. We evaluated the impact of exposure during nonpandemic influenza seasons on the rates of hospital admissions and physician visits because of respiratory illness ...

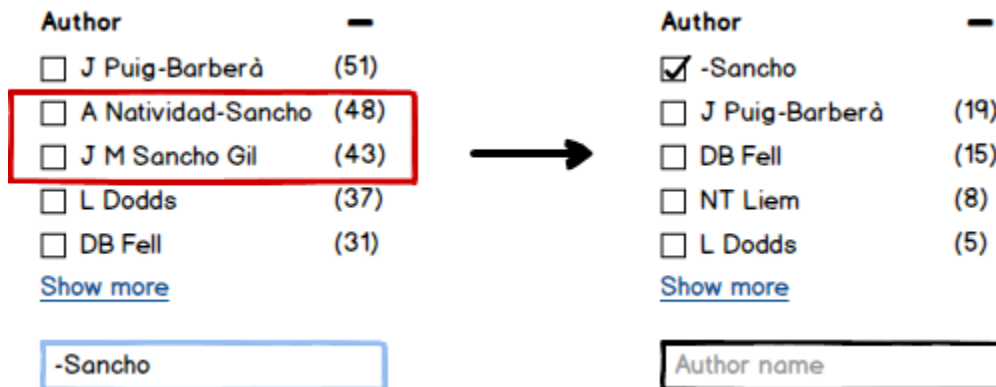


Filter inputs have autocomplete



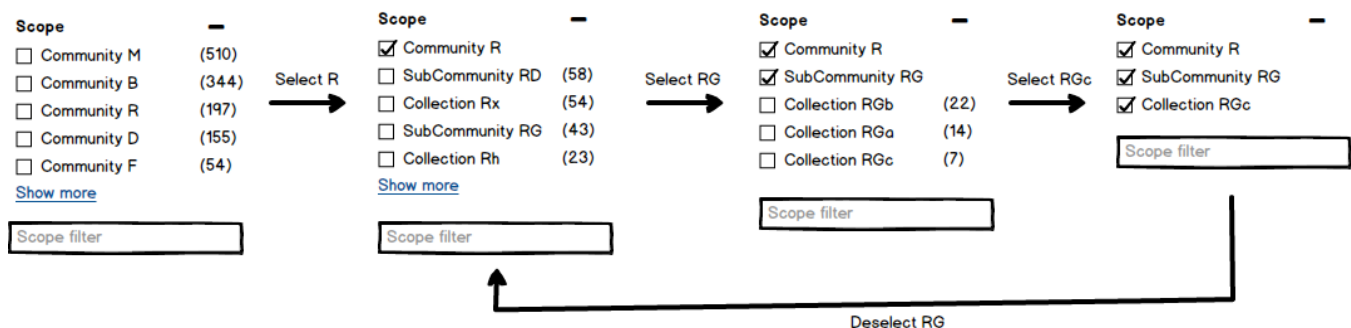
## The equals, contains, not, ID, etc dropdown has been removed

- Currently the same list of options is used everywhere, but doesn't make sense for each field
- It makes the UI look more complicated for novice users
- Even advanced users have to learn to work with it, before they understand exactly what every option means and how it works
- So I propose we remove them, and use a single input with (a subset of) the lucene syntax
  - for 'not'
  - \*\* is a wildcard
  - id:e184785b-bb21-4168-8c43-b0070728a64a

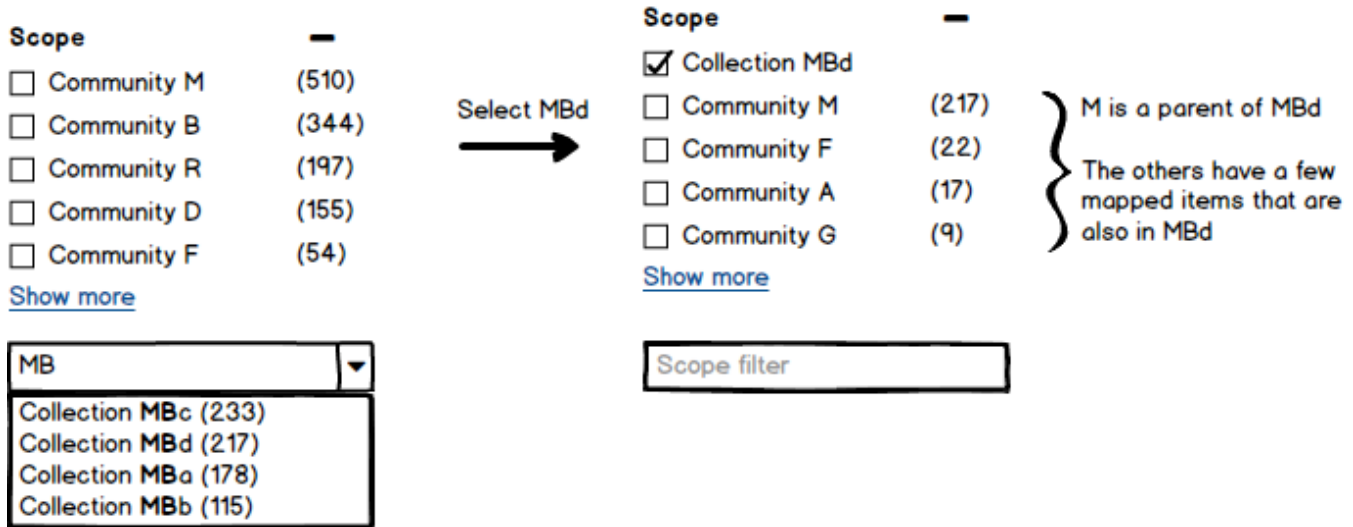


## Scope is just another facet/filter

- it's more useful to show scope as a facet, compared to the dropdown we have currently
- You have the most relevant communities at the top
- selecting a community will show its children, the most relevant first, etc
- you also have an autocompleting input at the bottom, to select a specific community or collection immediately

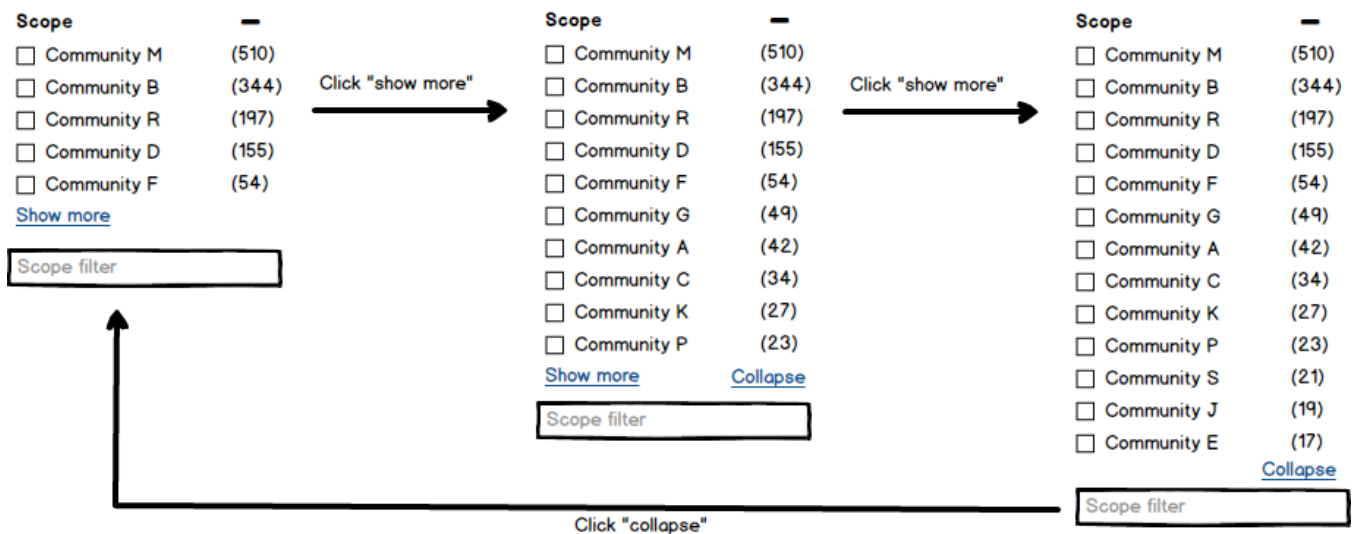






### 'Show more' happens in place

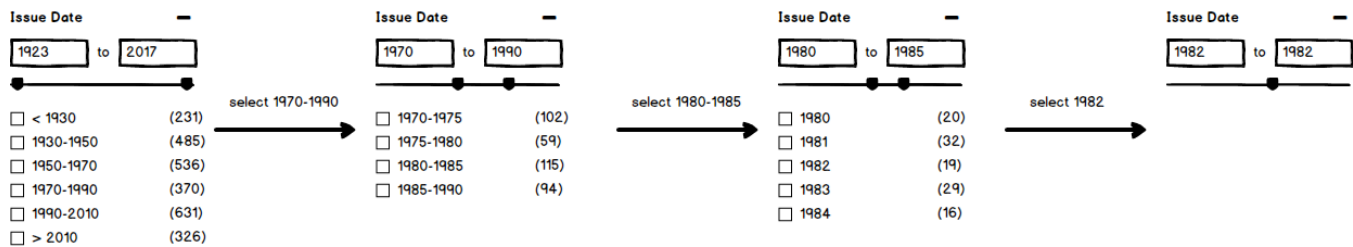
- the list just gets longer by a page size (e.g. 5)
- if there are more than 10, there's another show more link at the bottom to show the next set, etc.
- if show more is clicked at least once, a collapse link appears next to it



### Dates have a dedicated widget

- Show both from and to inputs at the top, and a slider below
  - a slider is more useful with a mouse, the inputs are more accurate with a touch screen
- Underneath that divide the total available date range for the repo in to a fixed number of ranges
- If you select a range, the inputs and slider are updated, and a new set of categories for the current range appears
- if you get to a single year, there are no more categories
- categories are shown as checkboxes for consistency with the other filters,
  - with this way of working they will never actually get checked, and could be replaced with links





## A grid view mode for search results is added

- as way for repositories that have nice thumbnails to showcase them
- a grid of [cards](#)
- shortened fields are expanded when clicked
  - that's why there's a view button, clicking the card doesn't take you to the result
  - clicking the thumbnail will take to the result as well
  - if a card expands, the other cards in the row grow with it
    - to ensure the grid stays uniform
- 4 cards per row on xl screens, 3 on lg and md, 2 on sm and 1 on xs
  - the number of results per page is a multiple of 12 to ensure you have filled rows in most cases
- Both grid and list view can be disabled or made the default.

