

Search Mockup

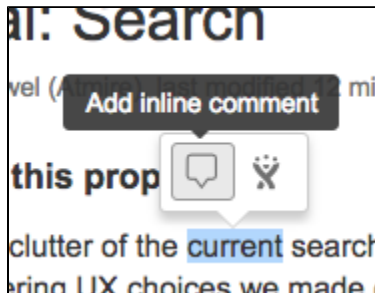
Table of contents

- [Table of contents](#)
- [The goals of this proposal](#)
- [Facets are shown in a sidebar](#)
- [The gear dropdown is removed](#)
- [Facets are collapsed by default](#)
- [Advanced filters and facets are combined](#)
- [Active filters are shown in their respective section](#)
- [Selecting filters](#)
- [Filter inputs have autocomplete](#)
- [The equals, contains, not, ID, etc dropdown has been removed](#)
- [Scope is just another facet/filter](#)
- ['Show more' happens in place](#)
- [Dates have a dedicated widget](#)
- [A grid view mode for search results is added](#)

The goals of this proposal

- reducing clutter on the current search pages
- reconsidering UX choices we made earlier
 - e.g. when we first added facetted 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 facetted 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

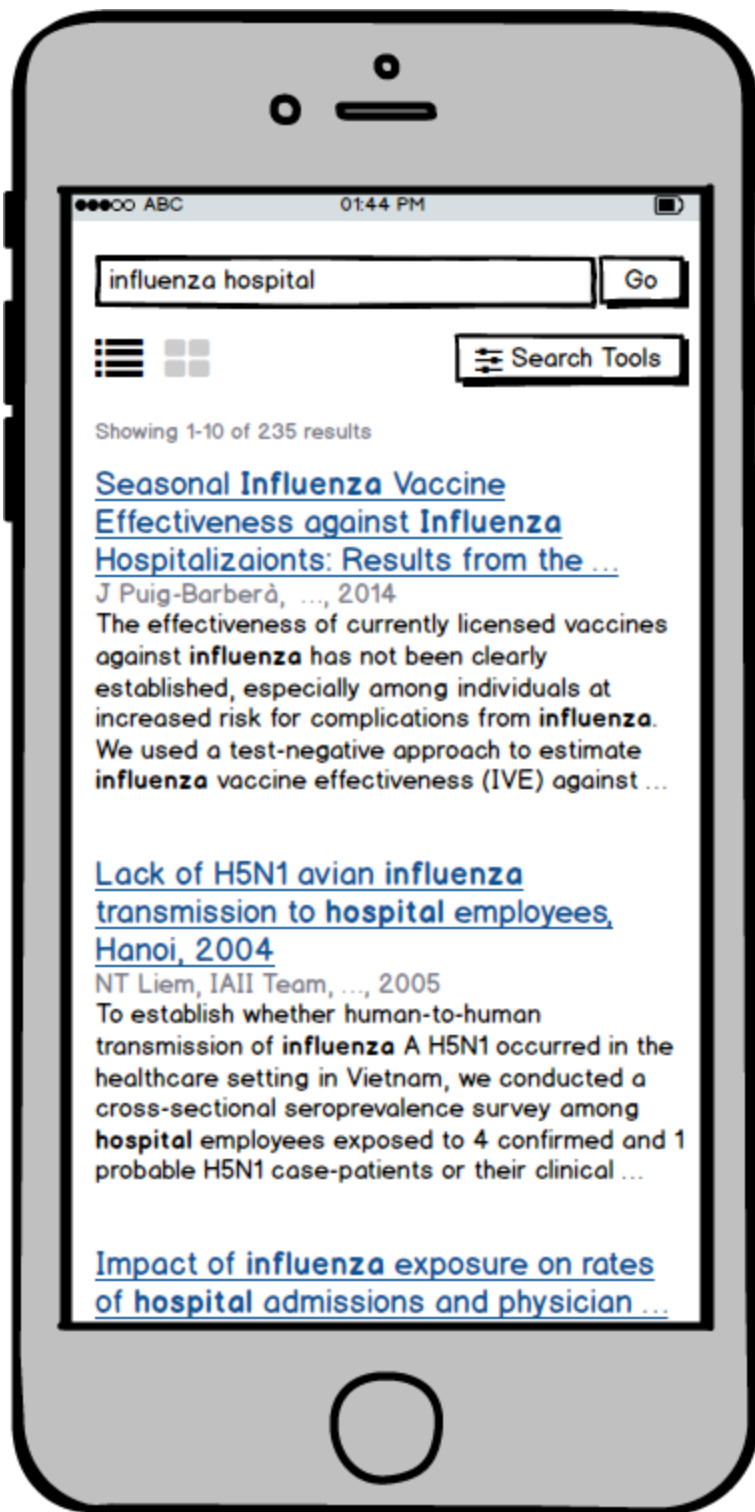
- That side bar stays fixed, when scrolling
- The design assumes that there will be no navigational sidebar (with sections browse, my account, admin, etc)
 - the goal is to move this to a navbar at the top of the screen, but the navigation design needs an entire wiki page to itself

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



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

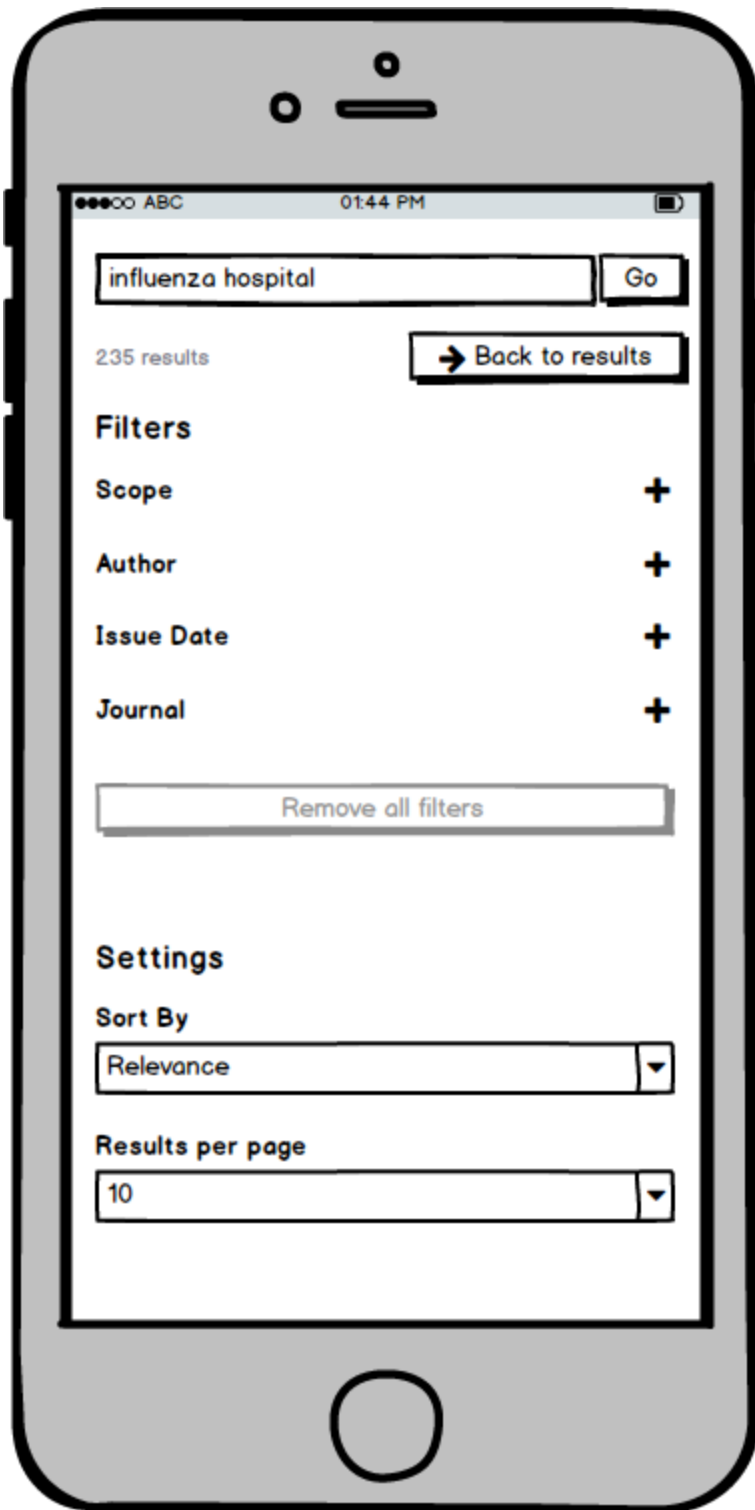
The effectiveness of currently licensed vaccines against **influenza** has not been clearly established, especially among individuals at increased risk for complications from **influenza**. We used a test-negative approach to estimate **influenza** vaccine effectiveness (IVE) against ...

[Lack of H5N1 avian influenza transmission to hospital employees, Hanoi, 2004](#)

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

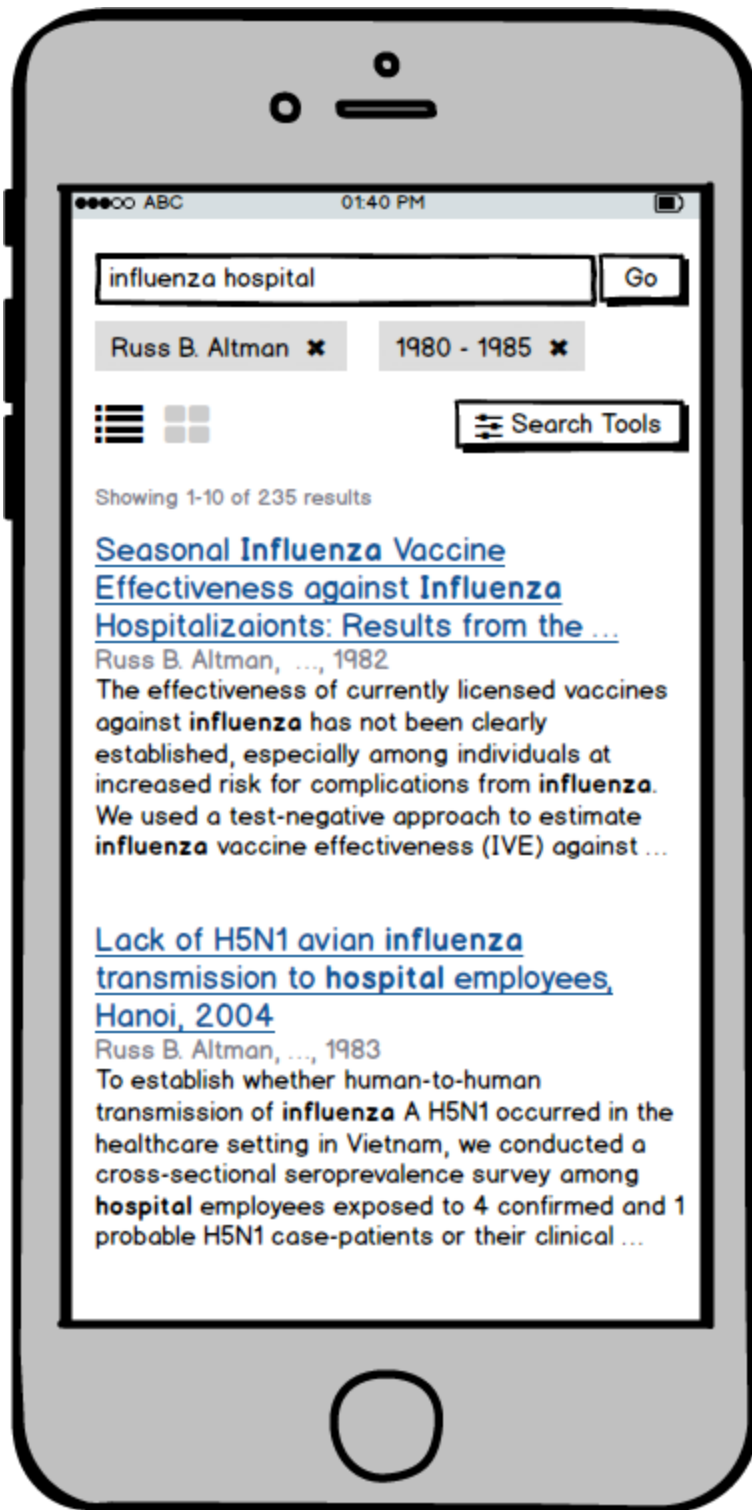
- no longer as a tag at the top of the page

- 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.

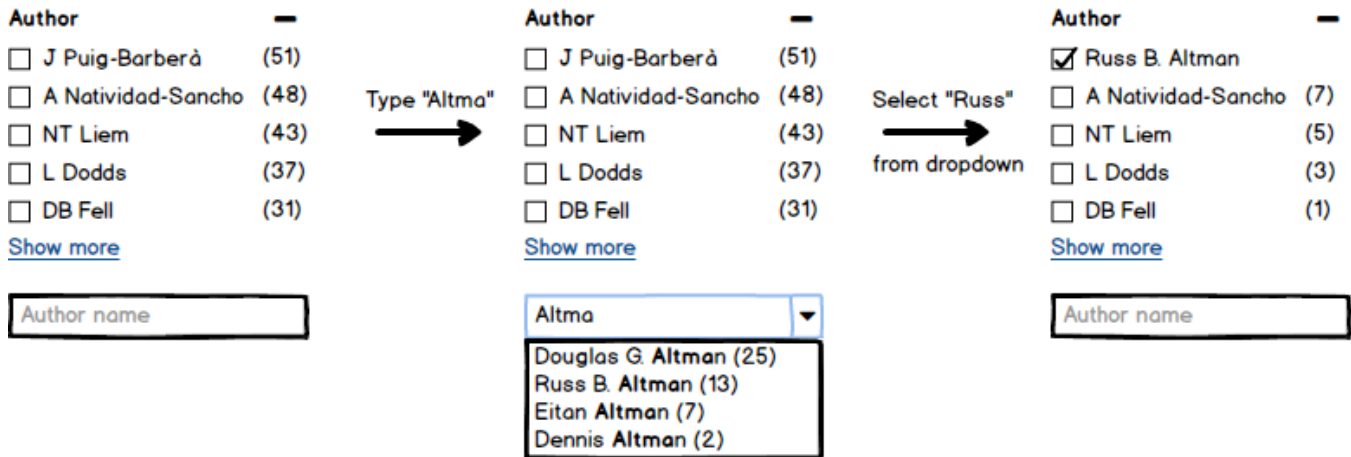
Selecting filters

- 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 a search bar at the top containing the text "influenza hospital" and a "Go" button. Below the search bar, there are two active filters: "Russ B. Altman" and "1980 - 1985". The search results are displayed in a list format, with each result showing a placeholder image (a box with an 'X') and the title of the article. The first result is "Seasonal Influenza Vaccine Effectiveness against Influenza Hospitalizations: Results from the Global Influenza Hospital Surveillance Network" by Russ B. Altman, A Natividad-Sancho, O Launay... - PLoS ..., 1982. The second result is "Lack of H5N1 avian influenza transmission to hospital employees, Hanoi, 2004" by Russ B. Altman, IAH Team, WL Vietnam - Emerging infectious diseases, 1983. The third result is "Impact of influenza exposure on rates of hospital admissions and physician visits because of respiratory illness among pregnant women" by Russ B. Altman, SA McNeil, DB Fell, VM Allen... - Canadian Medical ..., 1981. On the left side of the interface, there are filter sections for "Scope", "Author", "Issue Date", and "Journal". The "Author" section has a list of authors with checkboxes: Russ B. Altman (checked), A Natividad-Sancho (7), NT Liem (5), L Dodds (3), and DB Fell (1). The "Issue Date" section has a range selector from 1980 to 1985 and a list of years with checkboxes: 1980 (20), 1981 (32), 1982 (19), 1983 (29), and 1984 (16). There is also a "Remove all filters" button at the bottom left.

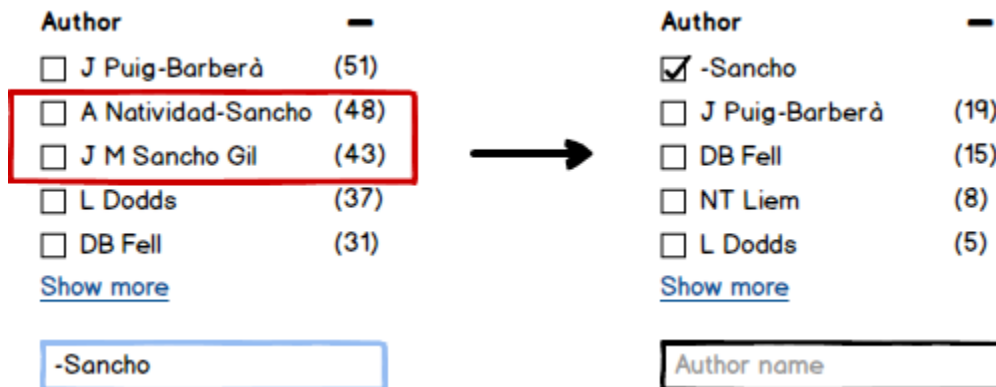


Filter inputs have autocomplete



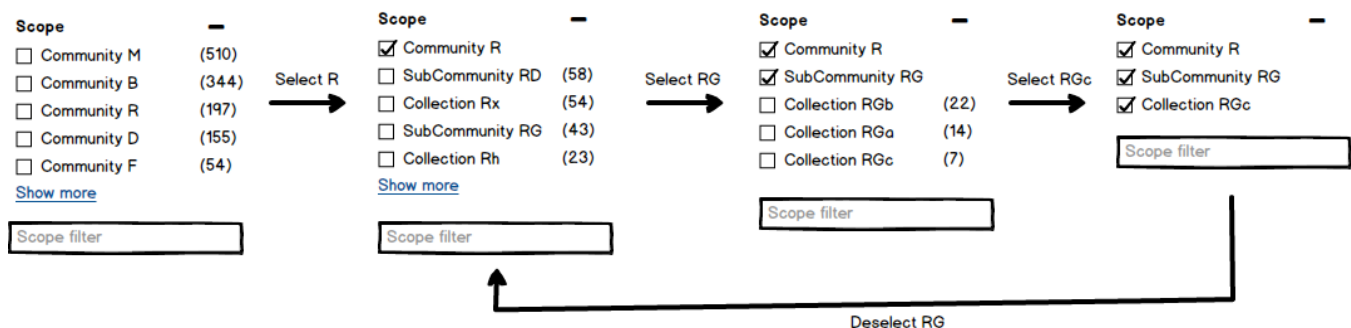
The equals, contains, not, ID, etc dropdown has been removed

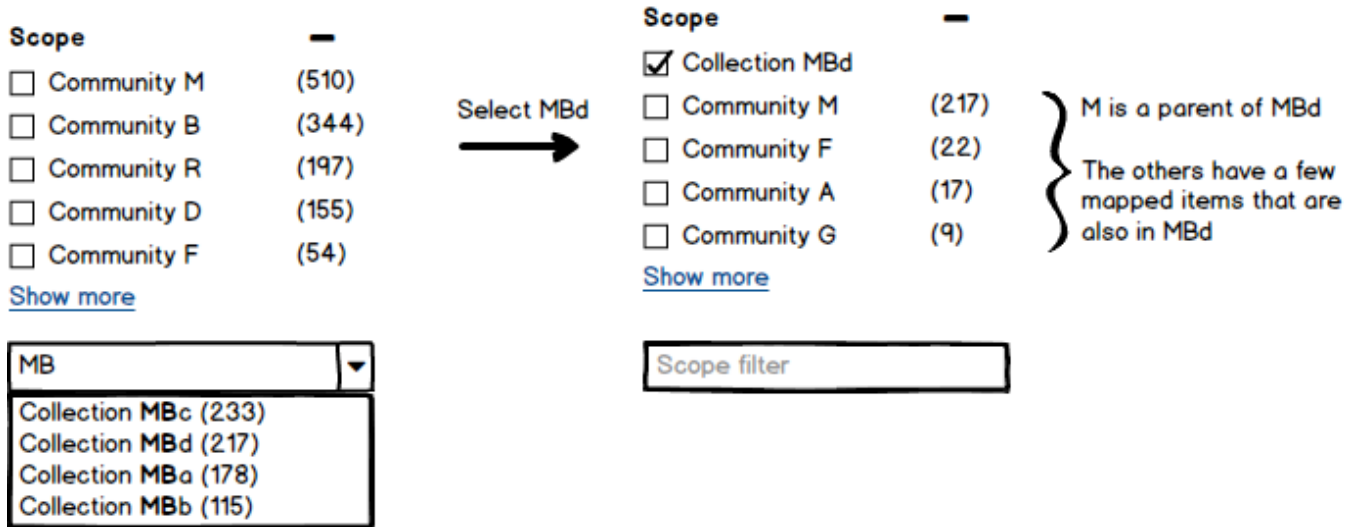
- Currently the same list of options is used everywhere, but doesn't make sense for each field
- It makes the UI look more complicated for novice users
- Even advanced users have to learn to work with it, before they understand exactly what every option means and how it works
- So I propose we remove 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

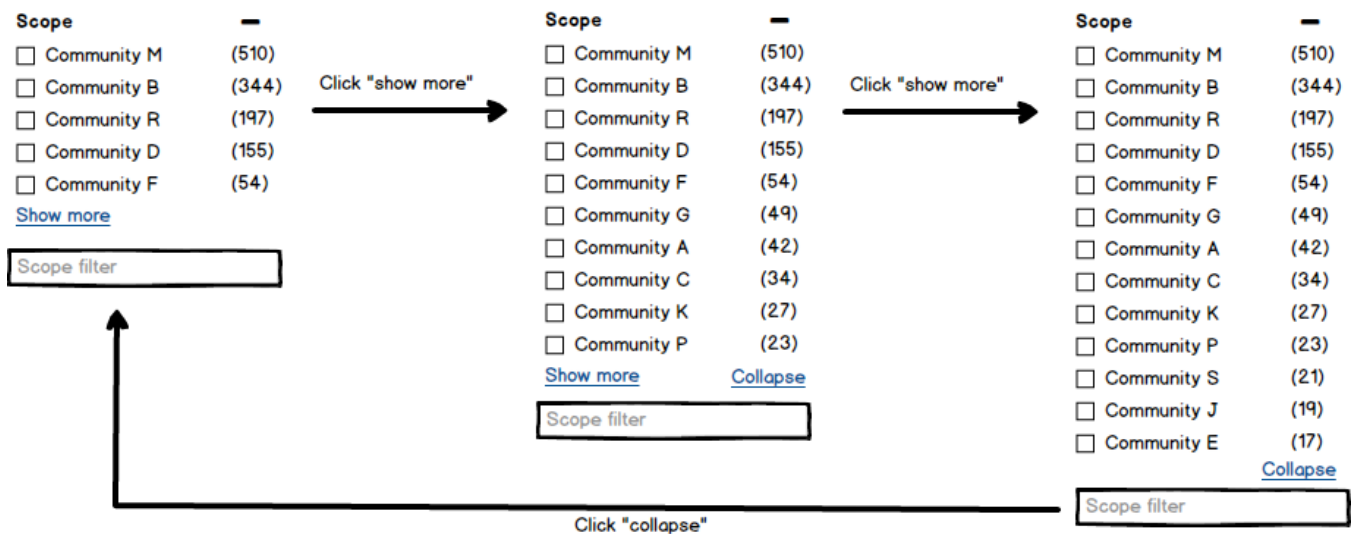
- it's more useful to show scope as a facet, compared to the dropdown we have currently
- You have the most relevant communities at the top
- selecting a community will show its children, the most relevant first, etc
- you also have an autocompleting input at the bottom, to select a specific community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





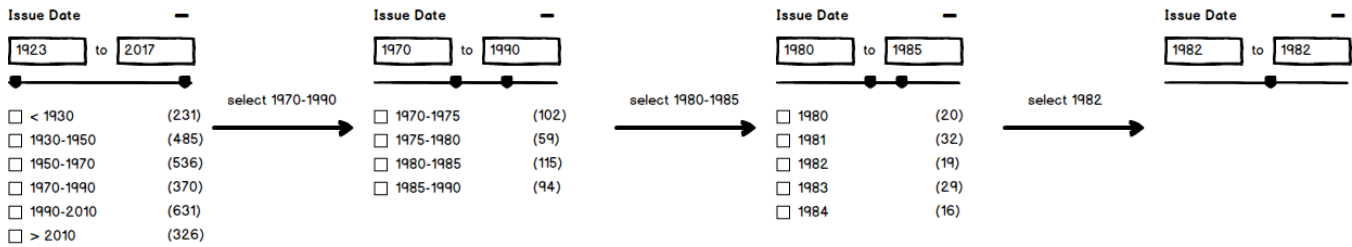
'Show more' happens in place

- 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.

