

Filter Results/Tag Selection



- Notes:**
- The cleared state of the Tags filter should list the *n* most commonly used tags found in the currently displayed Question list, in reverse-frequency order (A). (*n* TBD.)
 - Tags should indicate how often they occur (B) in the Question list.
 - Selected tags are ANDed when filtering the Question list.
 - Tags filter includes a search box with typeahead functionality (C).
 - Design shown is based on the AngularJS-based Bootstrap component: <http://angular-ui.github.io/bootstrap/>
 - Click in the Tag Search box and start typing (D) to reveal a suggestion list (E).
 - A clear button is shown (F) when a search string is entered. Click it to clear the search string and dismiss the suggestion list.
 - Type ENTER to accept the first suggestion, or select an item from the suggestion list. The selected item is then added to the Selected Tags list (G), and the Question list is updated accordingly.
 - *n* of the remaining most commonly used tags should then be shown (H). The updated list of tags (and their counts) should reflect the updated Question list.
 - **NOTE:** Tags that are already selected may still appear in the suggestions list; selecting them again should have no effect.
 - User may also simply select tags from the top *n* list (I), which are also added to the Selected Tags list (J).
 - Again, *n* of the remaining most commonly used tags should continue to be shown (K), reflecting the updated Question list.
 - Selected tags will remain displayed (in the Selected Tags list), even when search results no longer contain them. (In other words, even when their counts are 0.)
 - Click the "more..." link (L) to access a dialog for browsing and searching all available tags (if there are more than *n*), based on the currently displayed Question list.
 - See *Filter Results/Tag Selection (Extended)* for details.
 - Search Box contents should be preserved when changing filters.

Questions/Ideas to Consider:

- Consider adding some indication (e.g. the pre-filter count) to tags in filter sidebar.
 - Example: belljars (86/142)
- Stu proposes showing "n of m" counts wherever possible (e.g. at top of Search or Browse results). These are "shadow counts." (For tags, "i of j" would be shown; j is the shadow.)
- Stu proposes treating set of tags as one constraint, with a single shadow computed for the set of tags (rather than a shadow per tag).
- Stu proposes showing the percentage of the shadow for each selected tag, e.g. "beaks (23% of 1710)", where the count is of the results if tags were excluded.