


Improve search functionality

JIRA ticket

 [CFORD-237](#) - Improve search functionality RESOLVED

AMP Reference: [CFDRMD-56](#) Improve Search functionality *Ready for Review*

Background

The search function on capacity4dev is quite powerful but not necessarily displayed in the best manner today, as the initial delivery was a best effort. Today, filters are not disabled when a new search is performed and this needs to be fixed. Another problem is that users cannot easily edit their search criteria as only facets can be unselected, while search terms are lost in the criteria – they need to appear in a place where users can easily disable them to adapt their search. Finally, pagination can slow down users that wish to browse through many contents – for this reason and to make the system more user friendly to users that have a better connection, they should be given the possibility to load more than 10 entries per page.

User stories

user stories		AC	Comments
US-1	As a visitor , I want to perform a new search , so I can find interesting and relevant results	<ul style="list-style-type: none">When visitor performs a new search (by entering a term in the search box and pressing enter or clicking the apply button), all other filters/facets should be removedAn exception is made if the visitor checks the box to 'Search within search results'	
US-2	As a visitor , I want to remove search filters , so that I can edit /clear search criteria	<ul style="list-style-type: none">Visitor can click the 'clear all' button – action disables all filters /facetsVisitor can perform a new search (US-1)Visitor can disable search criteria from 'You searched for...' (BN-2)	
US-3	As a visitor , I want to view more results per page, so that I can browse more entries without navigating to a new page	<ul style="list-style-type: none">Visitor can switch the display of overview pages between 10 – 25 – 50 contents per page (BN-6)	
US-4	As a visitor , I want to view all search criteria when performing a search, so that I can easily disable them	<ul style="list-style-type: none">Visitor can view all search items applied to filter results (BN-1)Visitor can unselect search items from 'You searched for...' (US-2)	

Business needs

Business needs	AC	Comments
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BN-1	As capacity4dev , we want to add a search query box , so users can easily view / remove search criteria	<ul style="list-style-type: none"> • Search box 'You searched for...' should only appear if at least one search criteria is selected • If empty search, do not display search box 'you searched for...' • Search box 'You searched for...' should appear on search pages • Search box 'You searched for...' should appear on content overview pages that are displayed with Solr (except people which are not contents) • Search items should be displayed as separate entries: <ul style="list-style-type: none"> • Facets • Terms entered via the search box text field (including boolean operators) 	
BN-2	As capacity4dev we want to add logic to deselect items in the Search box 'You searched for...'	<ul style="list-style-type: none"> • Each search criteria should have a clickable 'x' to remove this criteria • Criteria with a hierarchical relationship (ex: facets) should respect the hierarchy (for ex: when user unselects 'Africa', sub-tagging ('Western Africa' + 'Burkina Faso') should also be deleted automatically) 	
BN-3	As capacity4dev , we would like to remove the 3 boxes that appear above search results , so that we reduce confusion among users	<ul style="list-style-type: none"> • Delete Articles block that appears on a global search • Delete Groups block that appears on a global search • Delete Projects block that appears on a global search 	these 3 blocks are only repeating what's already on the side navigation under 'Type' - there is no reason to keep this here now that we are adding the search criteria box, so we would like to delete them.
BN-4	As capacity4dev , we would like to edit the logic of facet type	<ul style="list-style-type: none"> • delete text under Type indicating 'outside groups and projects' • delete text under Type indicating 'inside groups and projects' • Add sub-filters for group privacy settings <ul style="list-style-type: none"> • public • restricted • private • Add sub-filter for project type <ul style="list-style-type: none"> • project • programme 	We miss this information today, which is a shame because we have it on the group and project overview pages, please add the sub-lists for group privacy and project type to allow more detailed filtering. Thanks
BN-5	As capacity4dev , we want to update the logic behind search on the people overview , so users can search additional profile data	<p>When performing a search on the front end people overview (/capacity4dev/people), add the following profile fields to searched data:</p> <ul style="list-style-type: none"> • job title • profile description (About you) 	Today these are missing and we would like to include these fields in the searched data for profiles

BN-6	As capacity4dev , we would like to add functionality to view more entries on any search page	<ul style="list-style-type: none"> • Default view = 10 contents • Display only alternative choices (for ex: when 10 is selected as the default, only display option for 25 and 50 entries - if 25 entries is selected, only display option for 10 and 50 entries) • display '1 - 10 shown' should update accordingly depending on the choice of number of entries displayed • Pagination should adapt depending on the number of items displayed per page 	
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Preview search (seen by group member):

Search capacity4dev.eu

Display content based on ☐ My groups ☐ My interests ☒ Show all

Search

☒ Search within search results

Apply

Type

- Article (551)
- Group (517)
- Project (64)
- Discussion (63)
- Document (132)
- Event (9)
- Photo (1)
- Photo album (1)
- Wiki page (138)

Topics

You searched for:

✕ Energy Efficiency
✕ Solar NOT Wind

✕ Africa
✕ Western Africa
✕ Burkina Faso

Did you mean: 'solid' NOT 'find'?

Sort by: Relevance

379 in total, 1 - 10 shown View [25](#) [50](#)

Executive Director Anders Berntell leaves SIWI

giorgia Donin posted Information | 10 January 2012
Group: EUWI Community Space

Mr Anders Berntell, Executive Director at Stockholm International Water Institute (SIWI), will be leaving SIWI after ten successful years for a position as Executive Director of 2030 Water Resources Group at the International Finance Corporation within the World Bank Group.

0 0 40

Can the SDGs really leave No One behind?

Amouzou Bedi created a new WIKI page | 25 July 2015
Project: Development Aid Support Mechanism

18 0 632

6 Comments

1. KVR

Daniel Ilunga, Diane Kelecom - on the screenshot (design), where is the "clear all" button?
Nov 28, 2017

1. Diane Kelecom

good point, we need to add that (top right of the box?)
Nov 29, 2017

1. KVR

- Add sub-filters for group privacy settings
 - public
 - restricted
 - private
- Add sub-filter for project type
 - project
 - programme

This is a very bad practice to add to the global search page, as each of them is very specific to 1 content type out of all the listed content types!

Please explicitly confirm if you want this.
Nov 28, 2017

1. Diane Kelecom

if this is difficult, then please direct users to the groups overview and project overview pages when these links are clicked.
Nov 29, 2017

1. KVR

Displaying the facet is not difficult, it's just very bad practice.

There are more overview pages that have facets that are not on the global search. If there was no distinction or specialisation in facets on these separate overview pages, we wouldn't have to create them, we would be able to just use the global search and filter on it.

The bad practice is to add facets that only concern a very small number of content. Only groups have a privacy level (~600 groups vs tens of thousands of other content). For projects it's even worse. These filters only makes sense on their specific overview pages in my opinion.
Dec 01, 2017

2. Kevin Van Ransbeeck

Discussed and decided during clarifications: no facet for group/project type
Dec 06, 2017