




Version 4.4 Interface Proposal

Proposed Changes:

- I. Fresh, Refined Interface
- II. More advanced search
- III. Heavier emphasis on collaboration
- IV. Adjustments to the Navigator
- V. Developing set of standard UI Elements (CSS + Ai)

Please note:

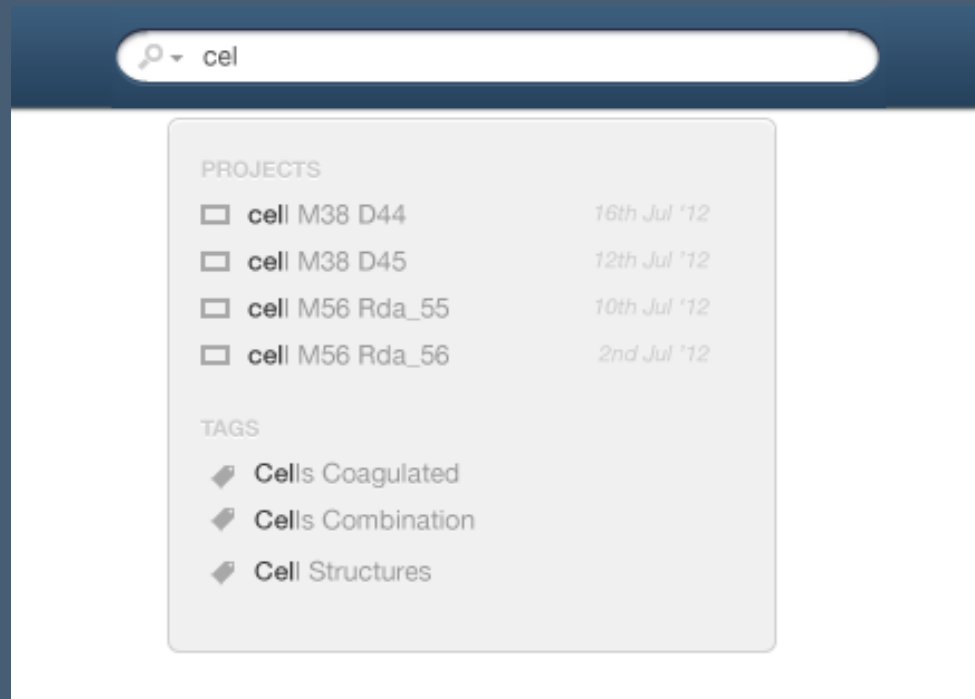
- I. The proposal is presented within the scope of Version 4.4 only. More experimental ideas will be presented at a later date.
- II. The presentation is a proposal of what can/should be done with the interface without current technical limitations.
- III. The visuals are still quite rough and demonstrative only. Please focus on the concepts themselves as opposed to the aesthetics.
- IV. Hold off on questions until the end, that way the presentation doesn't grind to a halt.

Group: Swedlow Group  * Will Moore (will)  

Projects+Screens Tags Public Will Moore

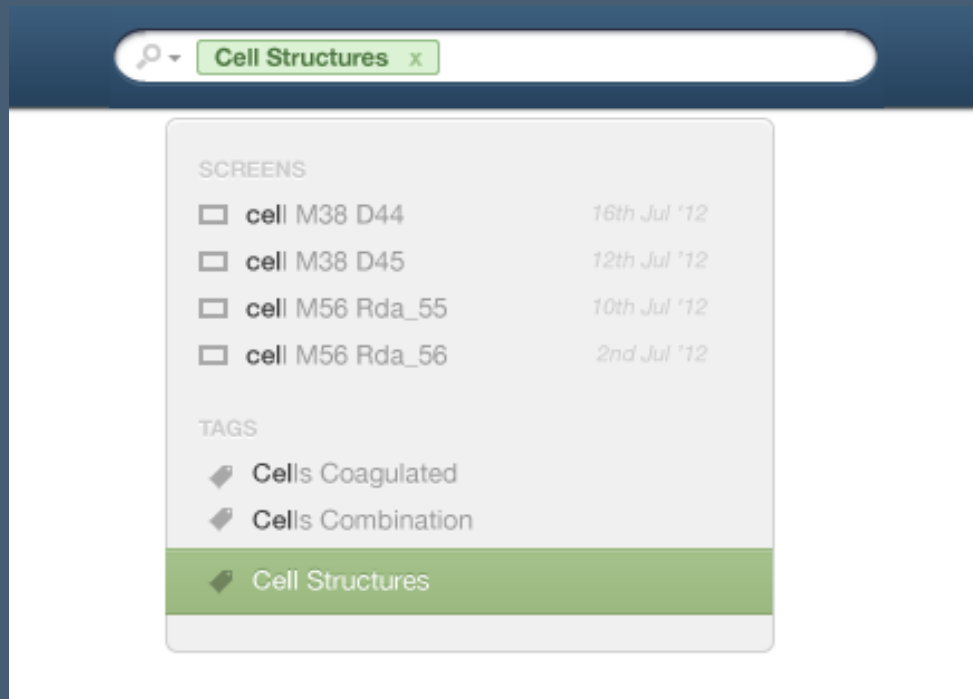
New Search

Live Search, Categorisation



Most things should be searchable :
Projects, People, Tags, Common Meta Data

Live Search, Categorisation



The screenshot shows a search bar at the top with a magnifying glass icon and a dropdown arrow. The search term 'Cell Structures' is entered, followed by a small 'x' icon to clear the search. Below the search bar, a dropdown menu is open, displaying two sections: 'SCREENS' and 'TAGS'. The 'SCREENS' section lists four items, each with a folder icon, a name, and a date: 'cell M38 D44' (16th Jul '12), 'cell M38 D45' (12th Jul '12), 'cell M56 Rda_55' (10th Jul '12), and 'cell M56 Rda_56' (2nd Jul '12). The 'TAGS' section lists three items, each with a tag icon: 'Cells Coagulated', 'Cells Combination', and 'Cell Structures'. The 'Cell Structures' tag is highlighted with a green background.

Category	Item	Date
SCREENS	cell M38 D44	16th Jul '12
	cell M38 D45	12th Jul '12
	cell M56 Rda_55	10th Jul '12
	cell M56 Rda_56	2nd Jul '12
TAGS	Cells Coagulated	
	Cells Combination	
	Cell Structures	

Smart Searching:

Type #tag, delete items from search.

Advanced Search – Tag List

Search: Asymetrical x

Tags | Calendar | People

★ Most Recent

Virus	4
Cells	3
Macros	34
A	
Asymetrical	54
A-Range	17
Absolutes	23
Arranged	11
B	

Advanced Search – Calendar Dates

Asymmetrical x

Tags Calendar People

June 2012

Mon	Tue	Wed	Thu	Fri	Sat	Sun
30	31	01	02	03	04	05
06	07	08	09	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	01	02	03

Advanced Search – Contact List

Search: Aaron Bedlow x

Tags Calendar **People**

- ★ Most interacted with...
- Ian Smith
- Dundee Cell Division
- Sookie Stackhouse
- A
- Aaron Bedlow**
- The Virus Team
- Andrew Punturiero
- Asquin Manolo
- B

Advanced Search Combining Search terms

Asymmetrical x , from the 10th - 15th June 2012 , with Aaron Bedlow x

Tags Calendar **People**

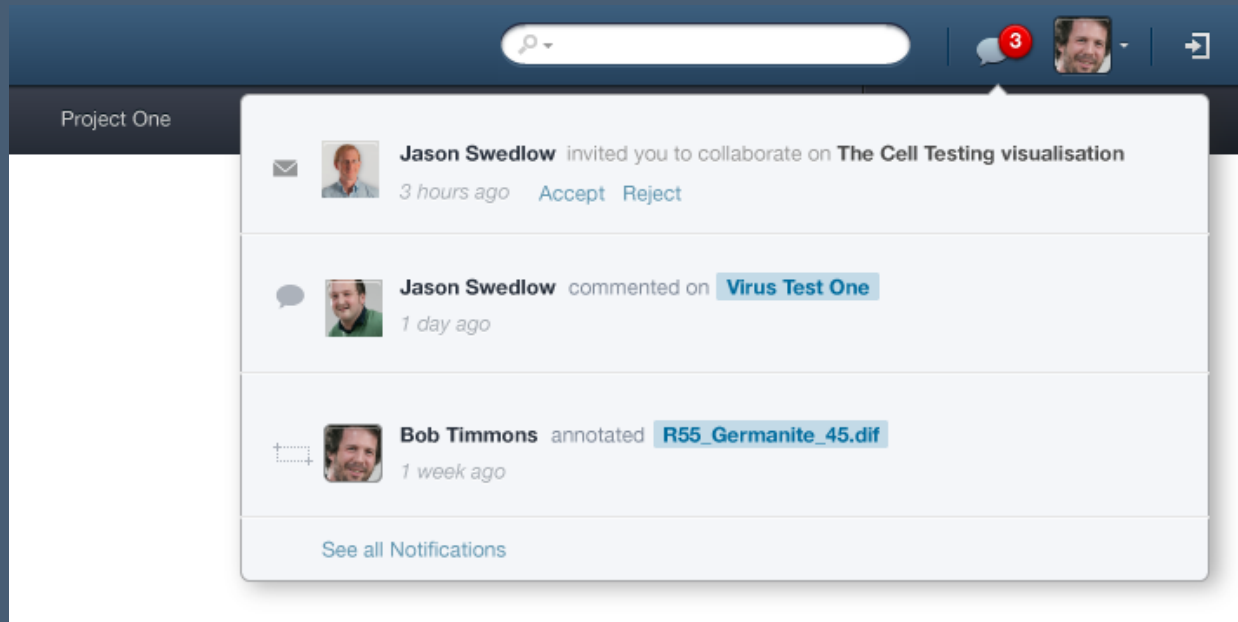
★ Most interacted with...

A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W
X
Y
Z

- 👤 Ian Smith
- 👥 Dundee Cell Division
- 👤 Sookie Stackhouse
- A
- 👤 Aaron Bedlow
- 👥 The Virus Team
- 👤 Andrew Punturiero
- 👤 Asquin Manolo
- B

Notifications and better collaboration

Notifications & Collaboration



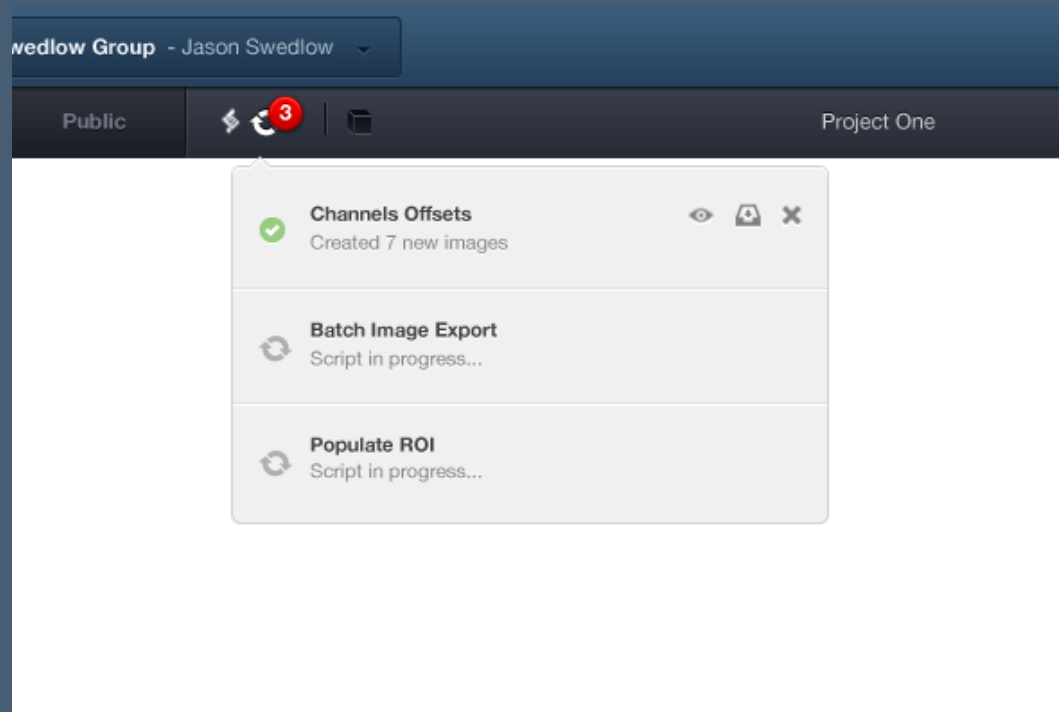
The screenshot shows the OMERO interface with a notification dropdown menu. At the top, there is a search bar and a user profile icon with a red notification badge containing the number '3'. The notification menu is open, showing three items:

- Jason Swedlow** invited you to collaborate on **The Cell Testing visualisation**
3 hours ago [Accept](#) [Reject](#)
- Jason Swedlow** commented on **Virus Test One**
1 day ago
- Bob Timmons** annotated **R55_Germanite_45.dif**
1 week ago

At the bottom of the notification menu is a link: [See all Notifications](#)

Simplified Script and Activity Monitor

Activity Monitor

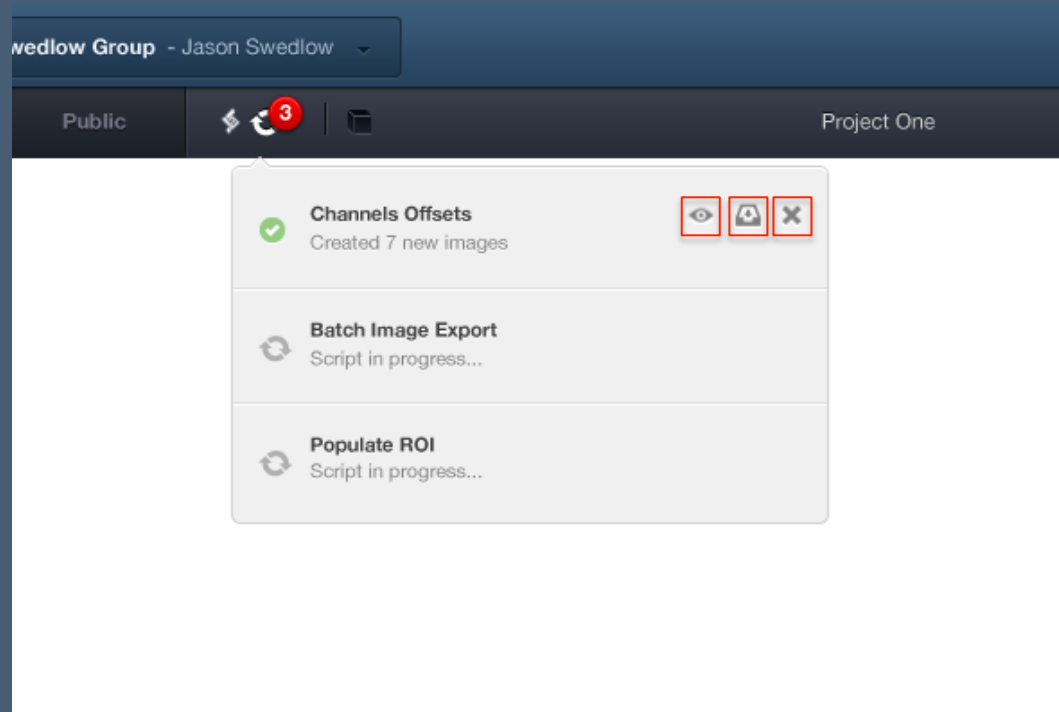


Reasons for movement

Close proximity makes recognising the relationship between action and function easier.


New position is in line with folder/file

Activity Monitor



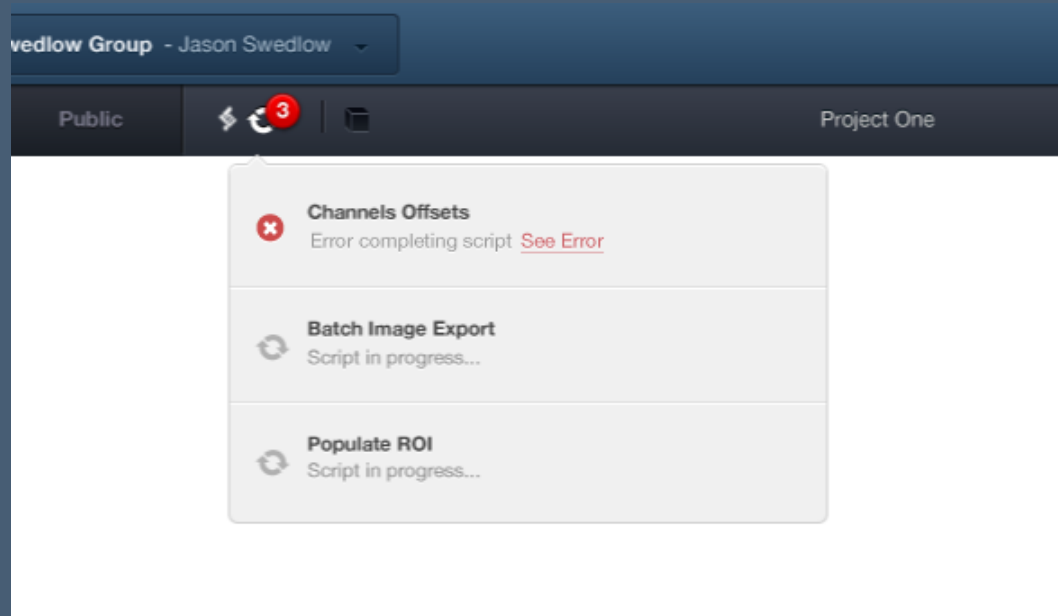
Options for processed scripts:

 View Data in it's place

 Download .zip

 Clear from list

Activity Monitor

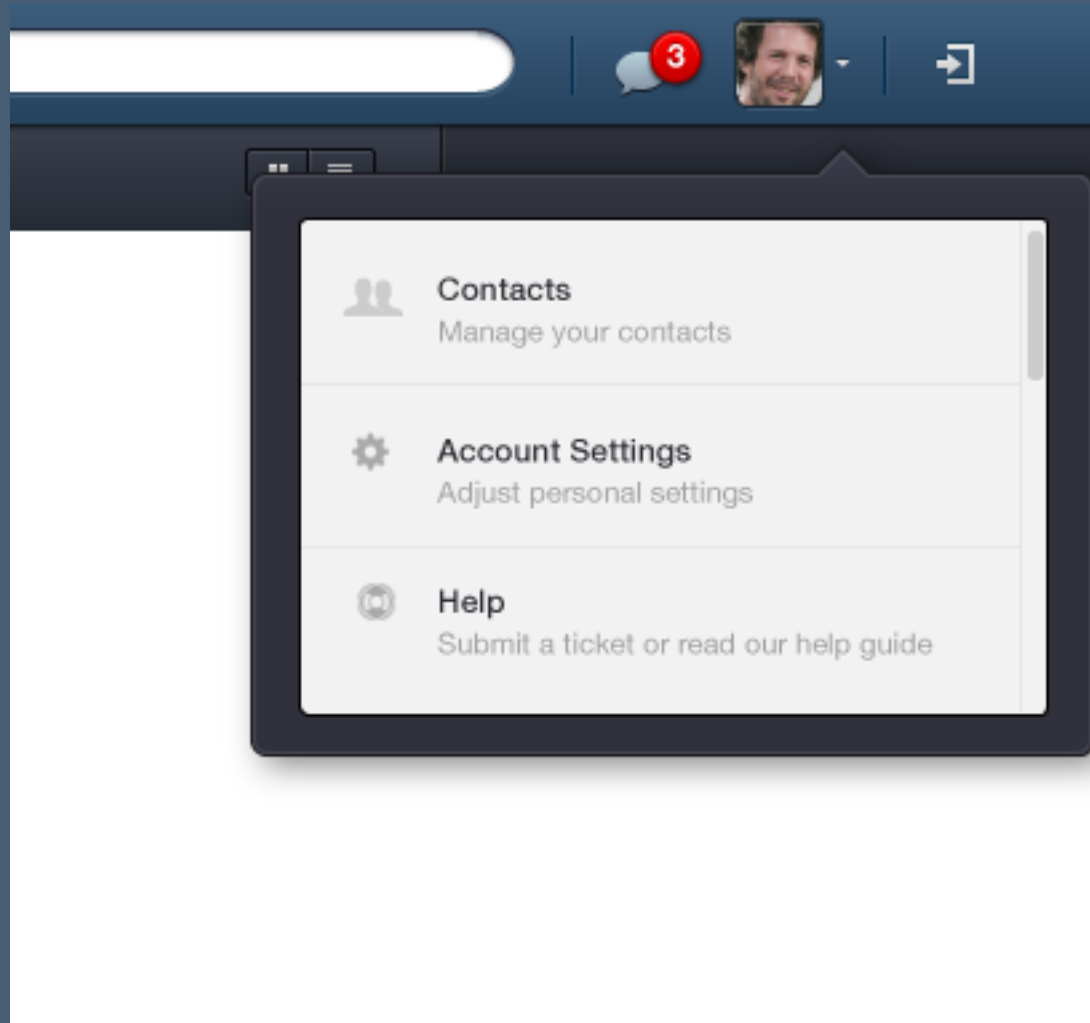


The screenshot displays the OMERO Activity Monitor interface. At the top, a dark blue header shows "vedlow Group - Jason Swedlow" with a dropdown arrow. Below this, a dark grey bar contains the text "Public" on the left and "Project One" on the right. In the center of this bar are three icons: a lightning bolt, a refresh icon with a red circle containing the number "3", and a document icon. A white pop-up window is centered on the screen, listing three tasks:

- Channels Offsets**
Error completing script [See Error](#)
- Batch Image Export**
Script in progress...
- Populate ROI**
Script in progress...

User Settings

User Settings



Collaboration and the tree



Collaborate

- View Only
- View & Add (tag, annotate)
- View & Edit (full access)



Collaborate

- View Only
- View & Add (tag, annotate)
- View & Edit (full access)




Collaborate

- View Only
- View & Add (tag, annotate)
- View & Edit (Full Access)

Prototype 1


Projects

- ▼ Virus Experiment 
 - ▼ Tiff Stacks 
 - Eg2_7_w457_z56.tif
 - Eg2_7_w457_z57.tif
 - Eg2_7_w457_z58.tif
 - Eg2_7_w457_z59.tif
 - Eg2_7_w457_z60.tif
 - Eg2_7_w457_z61.tif
 - Eg2_7_w457_z62.tif
 - Eg2_7_w457_z63.tif
 - Eg2_7_w457_z64.tif
 - Eg2_7_w457_z65.tif
 - Eg2_7_w457_z66.tif
 - Eg2_7_w528_z17.tif
 - Eg2_7_w528_z18.tif
 - Eg2_7_w528_z19.tif
 - Eg2_7_w528_z20.tif
 - Eg2_7_w528_z21.tif
- ▶ Cell Biology Improvemen... 
- ▶ Lymphoma 
- ▶ Reginald Project on Base... 
- ▼ Virus Experiment 
 - ▼ Tiff Stacks 
 - Eg2_7_w457_z56.tif
 - Eg2_7_w457_z57.tif
 - Eg2_7_w457_z58.tif
 - Eg2_7_w457_z59.tif
 - Eg2_7_w457_z60.tif
 - Eg2_7_w457_z61.tif
 - Eg2_7_w457_z62.tif




        


Groups



PERSONAL

- ▶  Domenico Gaudio

COLLABORATIVE

- ▶  Swedlow Team
- ▶  The Viruses Group
- ▶  Genetic Team

- ▶  Gene Expression Class
- ▶  Proteins Class

- ▶  Jim's Team
- ▶  Four eight team
- ▶  Swedlow Lab

PUBLIC

Tags

LATEST

- ▶ Cells
- ▶ Bacteria
- ▶ Genes
- ▶ Viruses

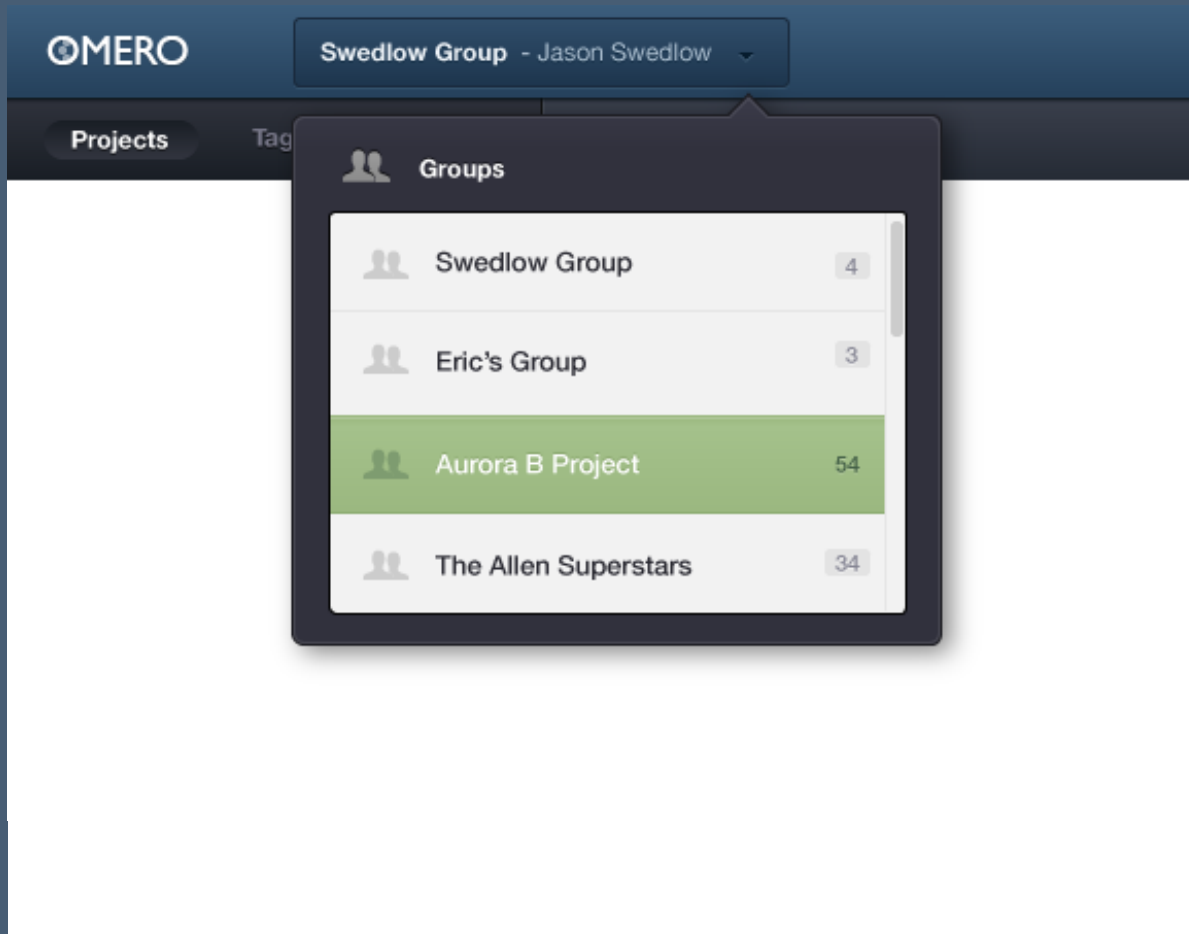
ALL

- ▶ Cells
- ▶ Carbon
- ▶ Cuticle
- ▶ Drawing
- ▶ E-Coli
- ▶ Morphosis
- ▶ Troublesome

▶ Tag Set ▼

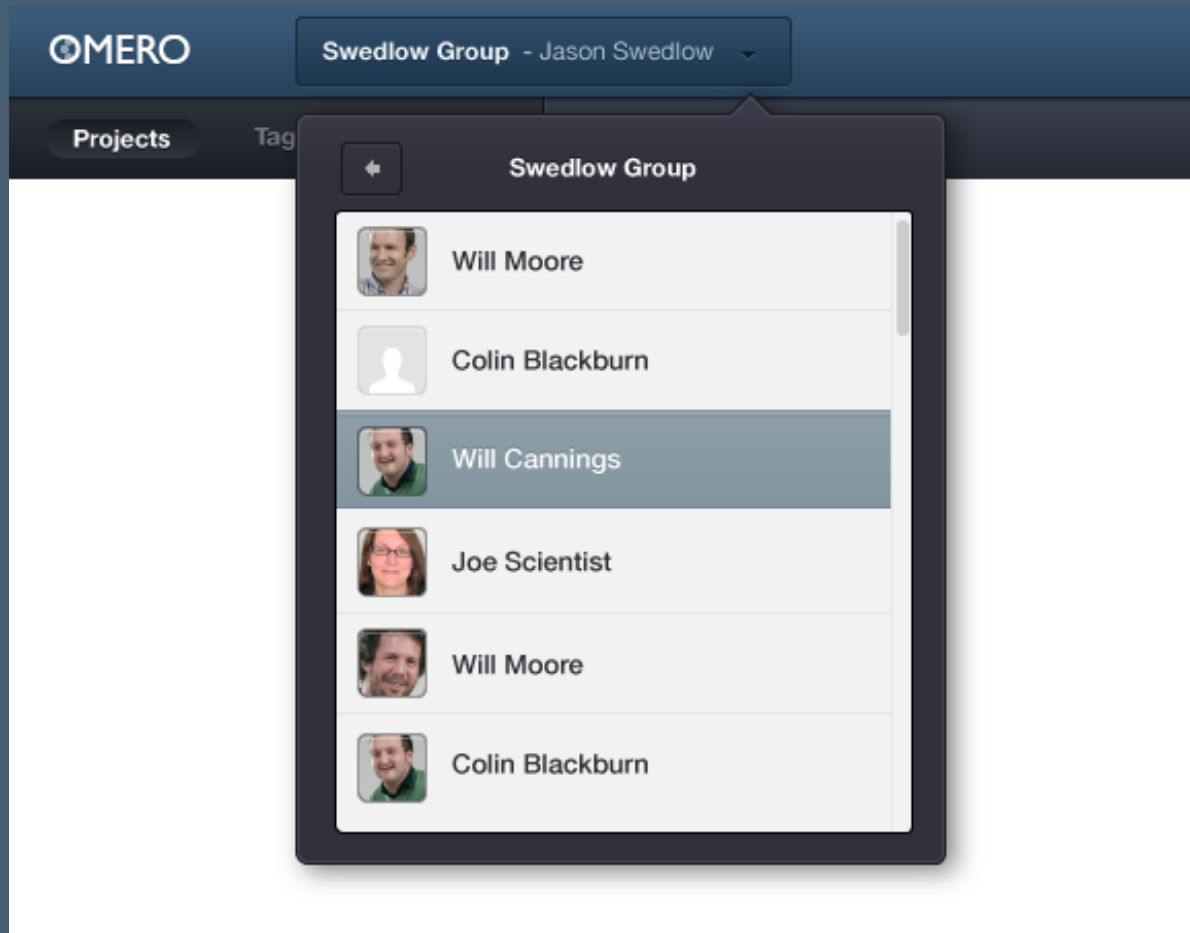
- ▶ Proteins
- ▶ Frosted
- ▶ Boiled
- ▶ Green

Prototype 1



In Prototype 1, we define the user/group in the top bar. When this is changed, it is reflected in the tree organization.

Prototype 1



The reason this doesn't work, is because you can't view more than two users' work at a time. Also, the placement of this makes it visually awkward to judge the context within the tree.

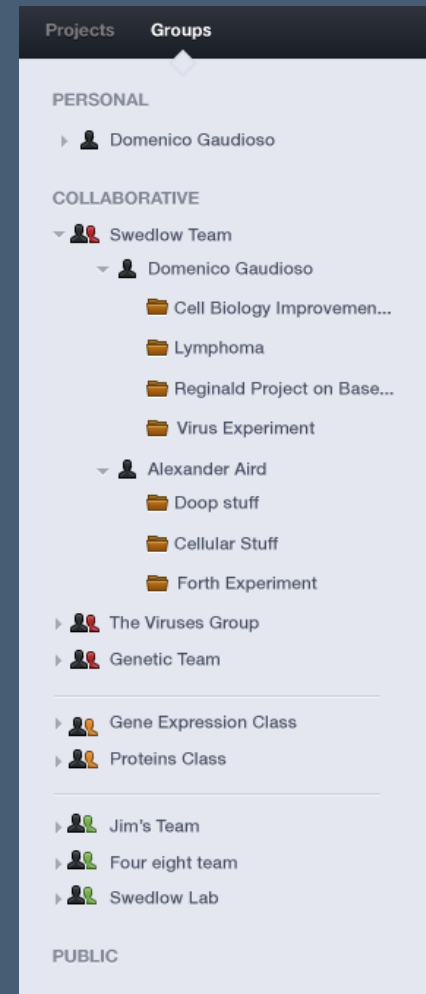
Prototype 2

Prototype 2 attempts to solve this.
There are two ways we can browse our data in the tree.

Projects



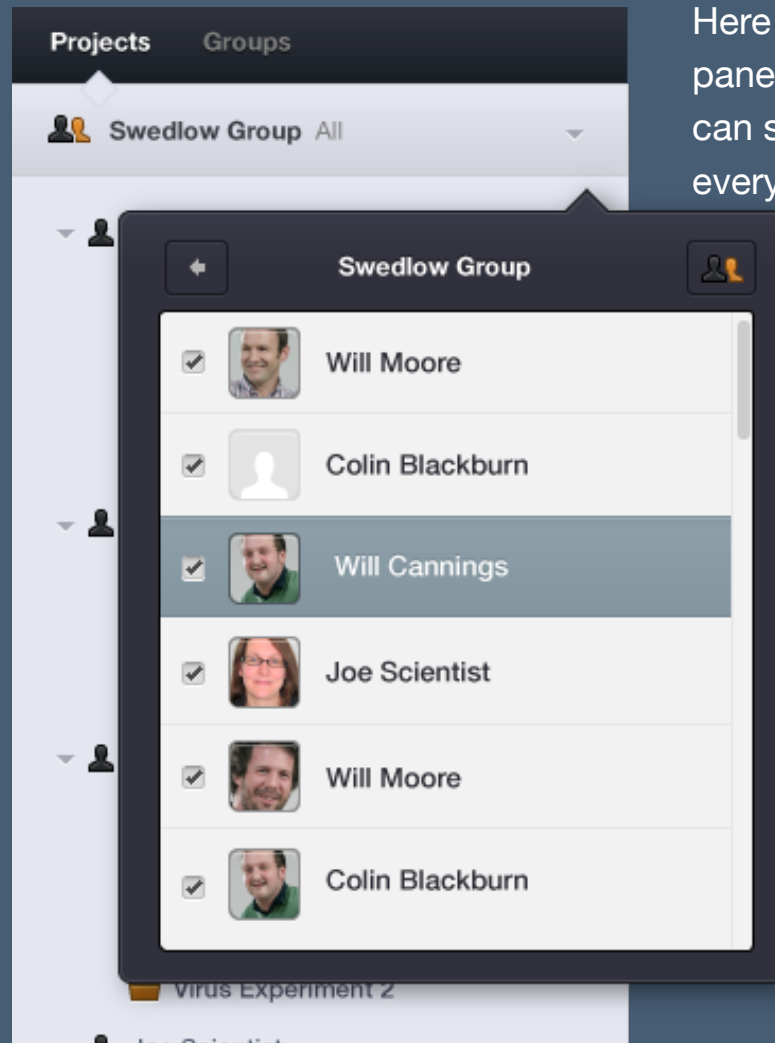
Groups



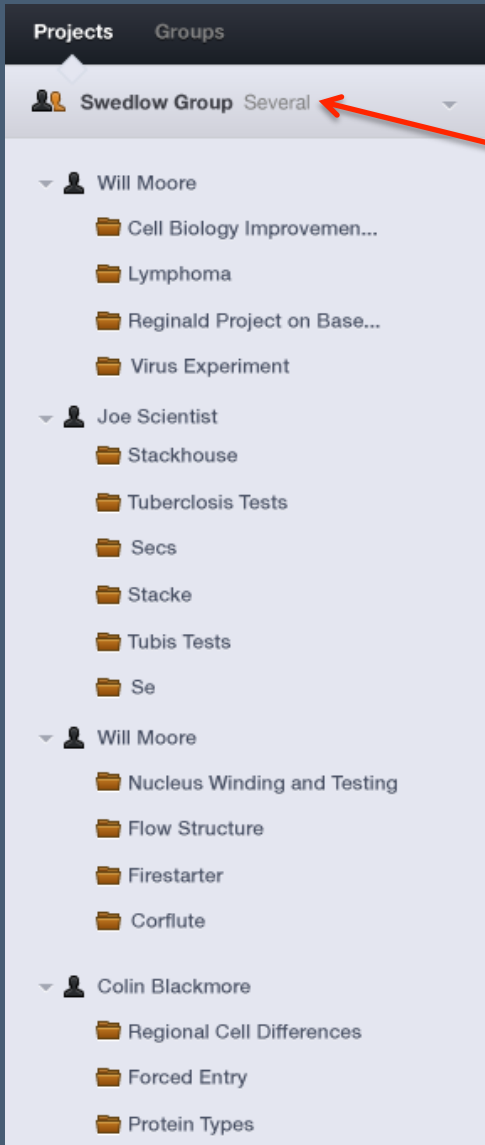
Prototype 2 – View all users in a group

Let's assume we have 'Projects' selected & we're looking at the Swedlow Group and all its users' projects

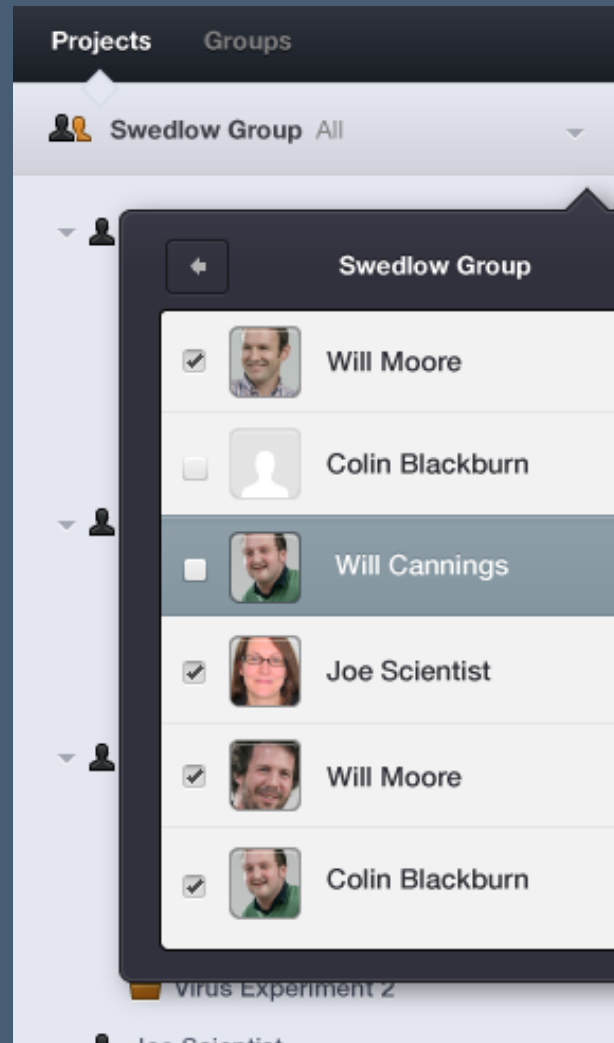
Here is what the user selection panel should look like. As you can see, we can see work from everyone in that group.



Prototype 2 – View some users in a group



Let's now assume we don't want our tree polluted.
Let's select only some of the user's within a group.

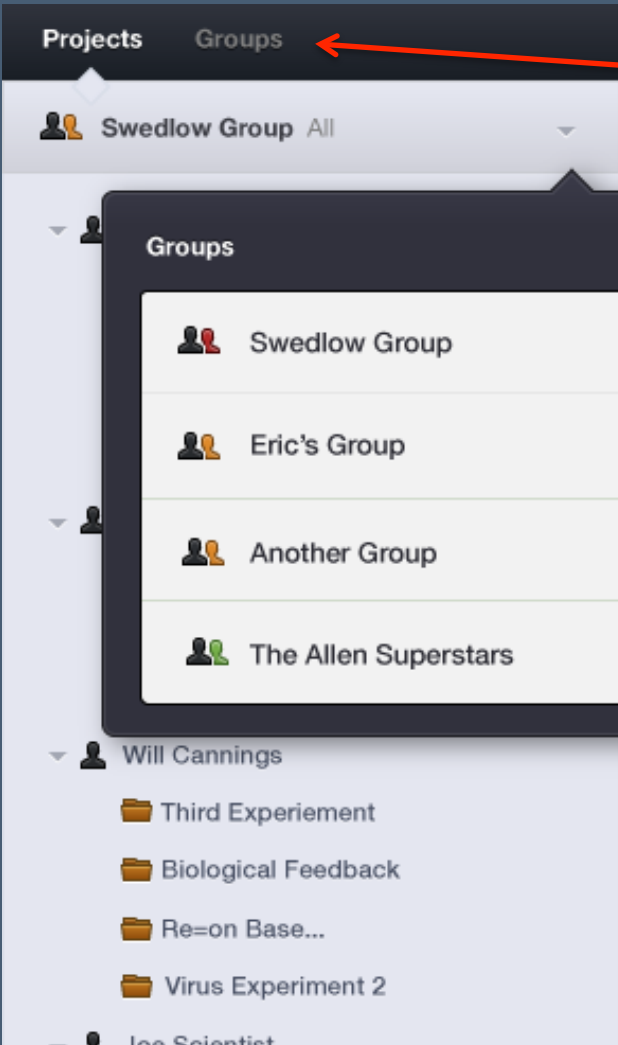


We check/uncheck what we want in the user panel, and it's updates the tree.



Prototype 2 – View Multiple Groups at one time

Now we'd like to see multiple groups at a time, perhaps to compare data. Simply check the boxes you want.



This could be one way to do it. Or, switch over to **group view** and see all your groups laid out. (Slide 26 – Right figure)

Have a boat load of contacts? Run the search and have it narrow the user down for you.



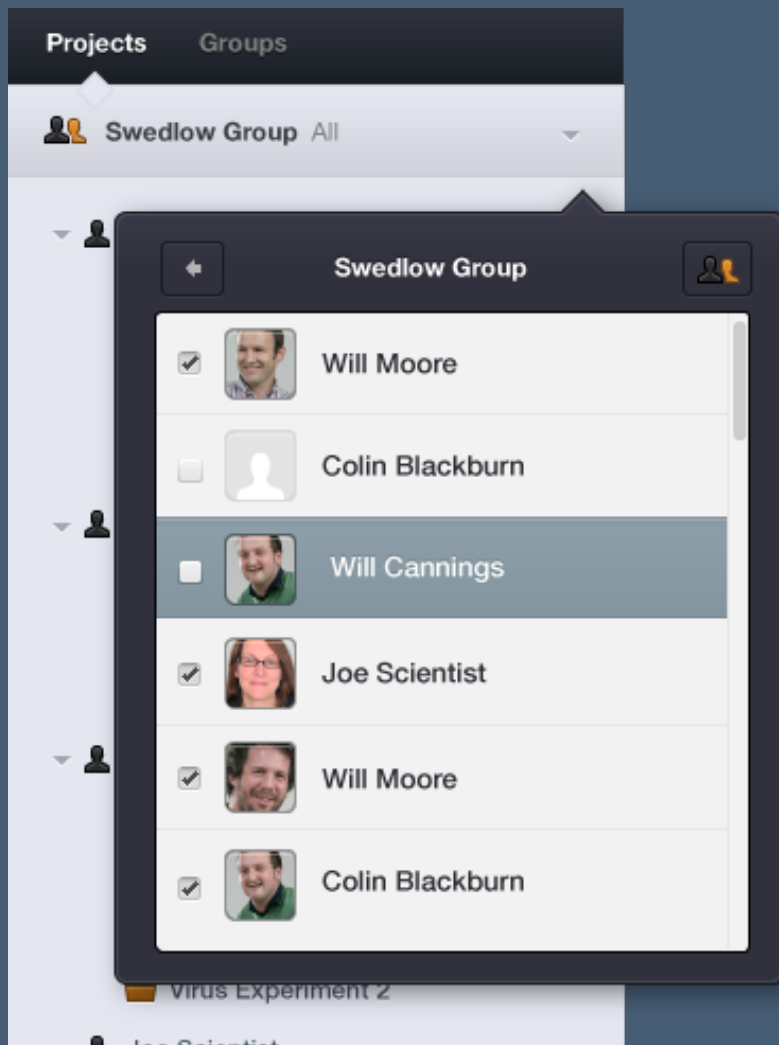
Prototype 2 – Personal Data

Or, of course, you could be interested in data which have permissions statuses set to 'private'.

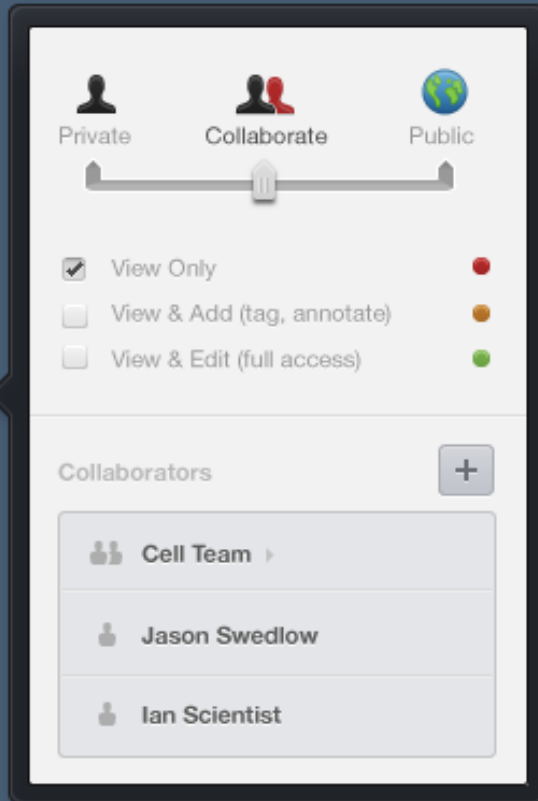
The ambiguity of 'Personal / Private' and the nomenclature associated with this particular permissions status needs work. The idea is to display projects that only you can see.

Prototype 2 – Adjusting Permission Status from Groups

We can now adjust the permissions status from within the context box itself, making it easy to associate and change the group status.



This could be a problem - failure occurs in the case scenario where a user wants to set the permission status to a project, as opposed to the entire group itself.



Prototype 2 – Adjusting Permission Status from Groups

Add teams, or users individually. This is technically difficult, because of the way the tree structure is laid out, but it's food for thought.