Version 4.4 Interface Proposal

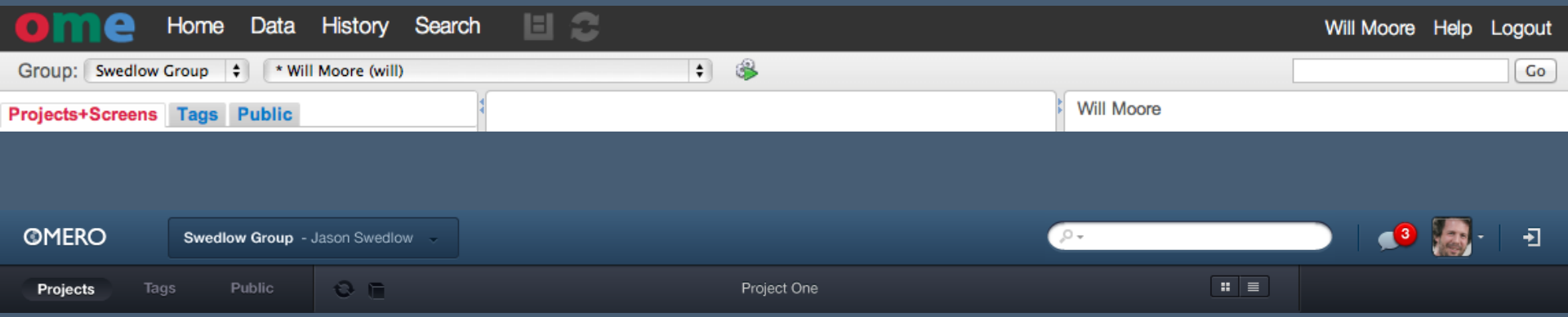
OMERO

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.


ome
Home
Data
History
Search
Will Moore
Help
Logout
Group:
Swedlow Group
* Will Moore (will)
Go
Projects+Screens
Tags
Public
Will Moore

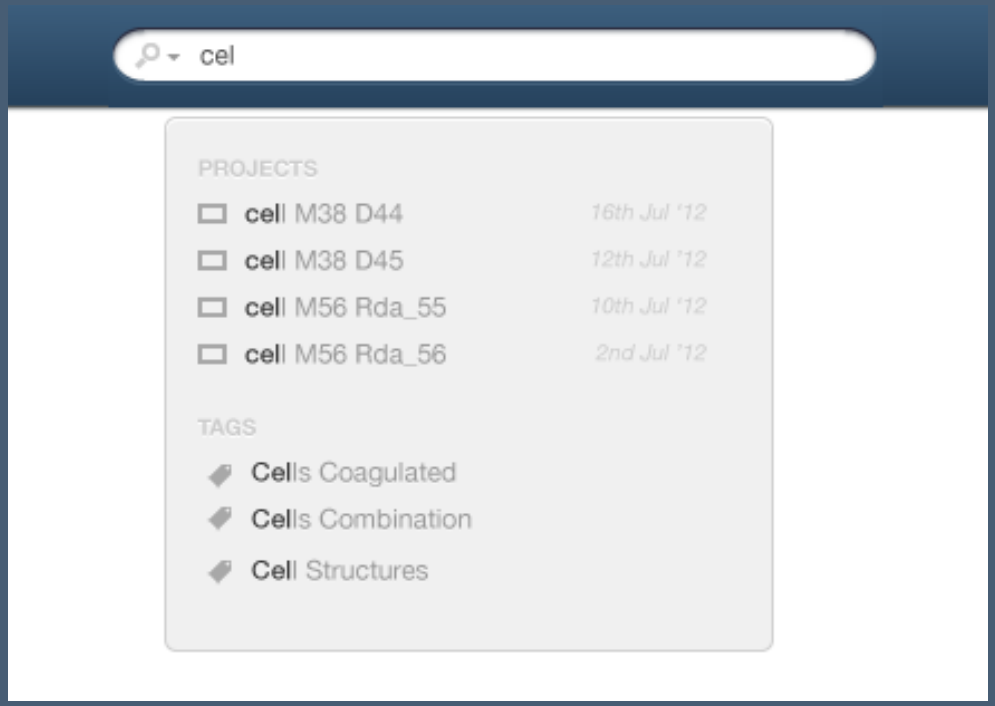
OMERO
Swedlow Group - Jason Swedlow
3
Projects
Tags
Public
Project One

OMERO

New Search

OMERO

Live Search, Categorisation

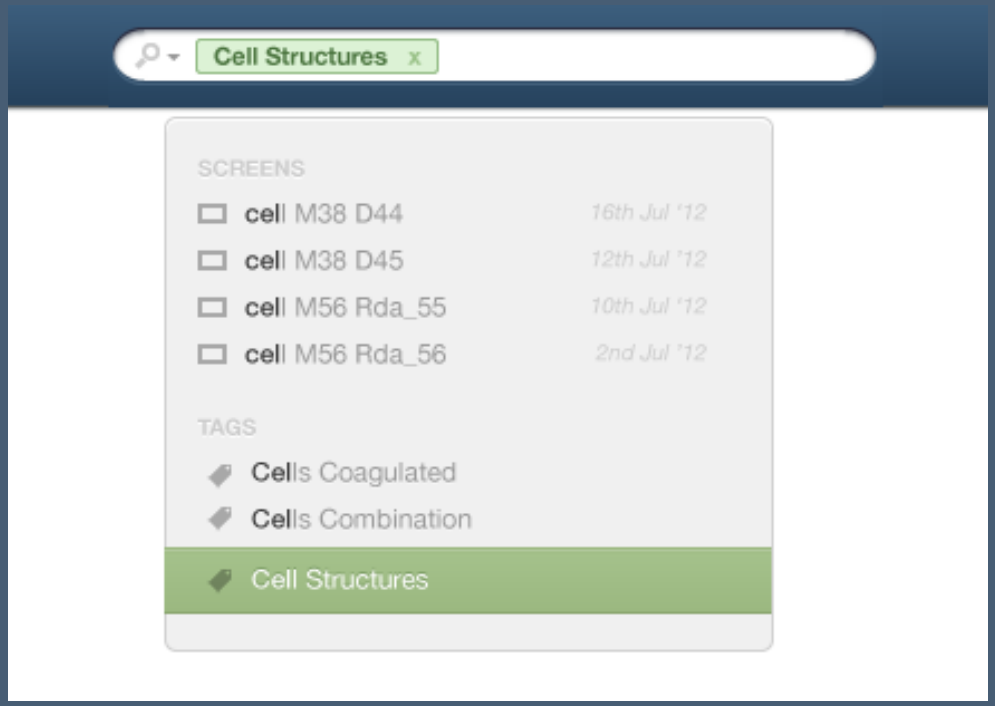


Most things should be searchable :

Projects, People, Tags, Common Meta Data

OMERO

Live Search, Categorisation

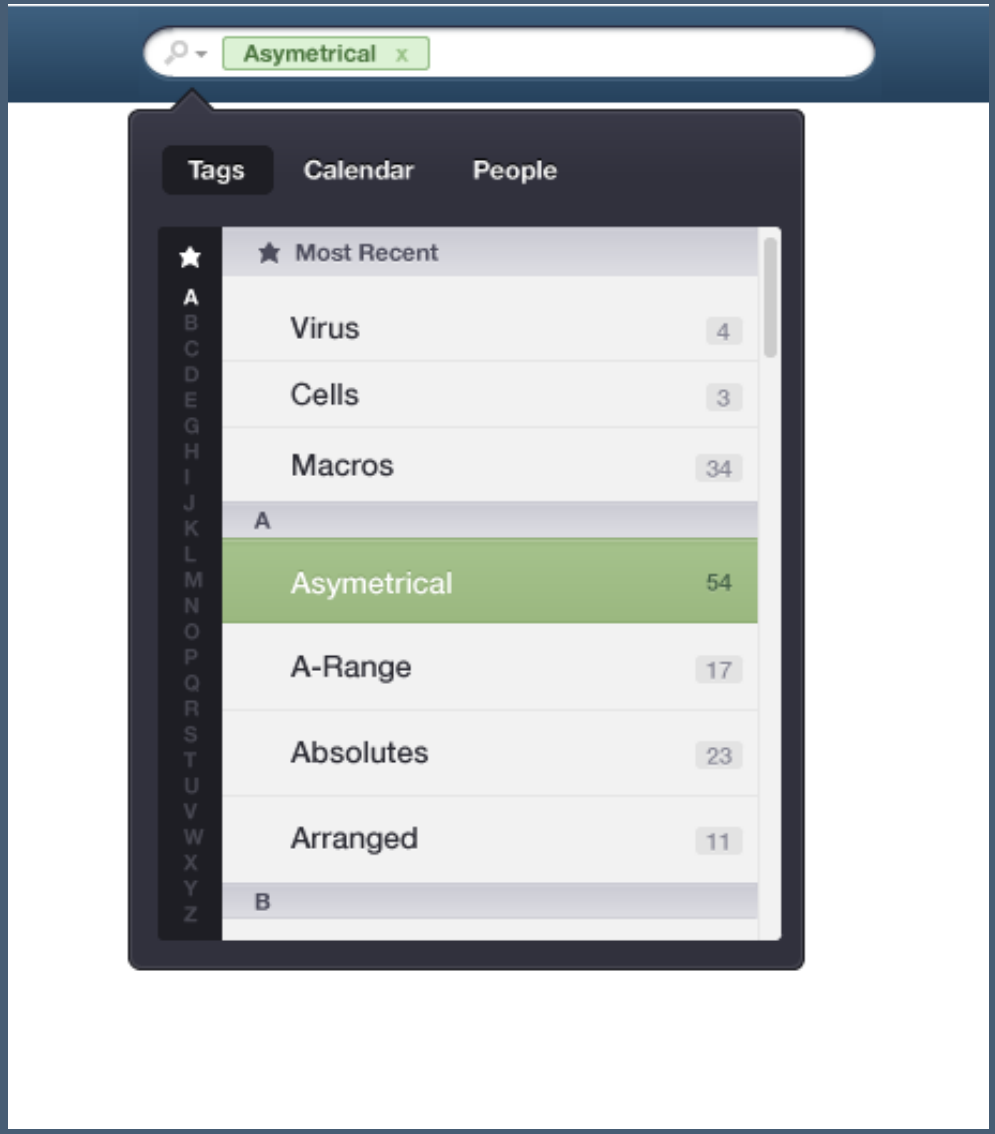


Smart Searching:

Type #tag, delete items from search.

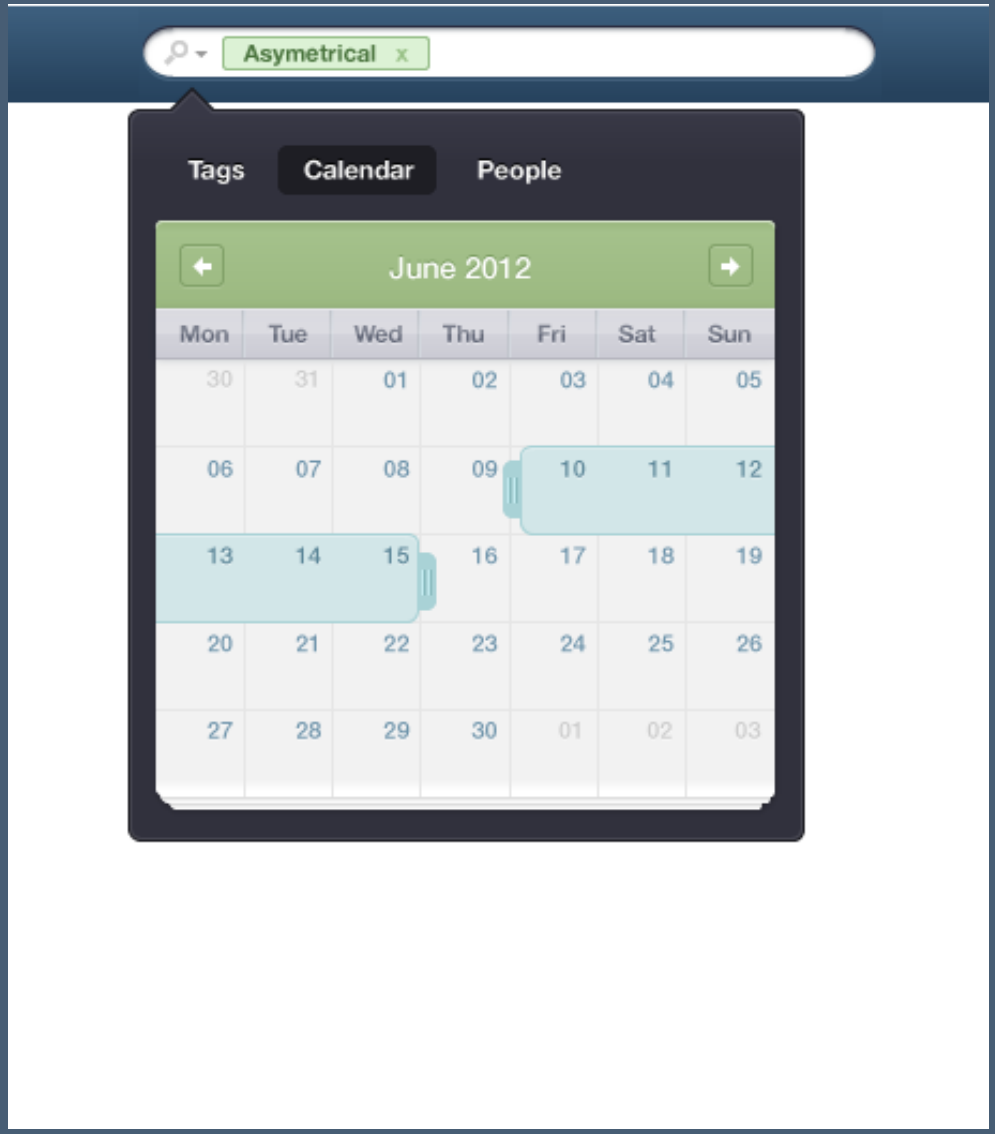
OMERO

Advanced Search – Tag List



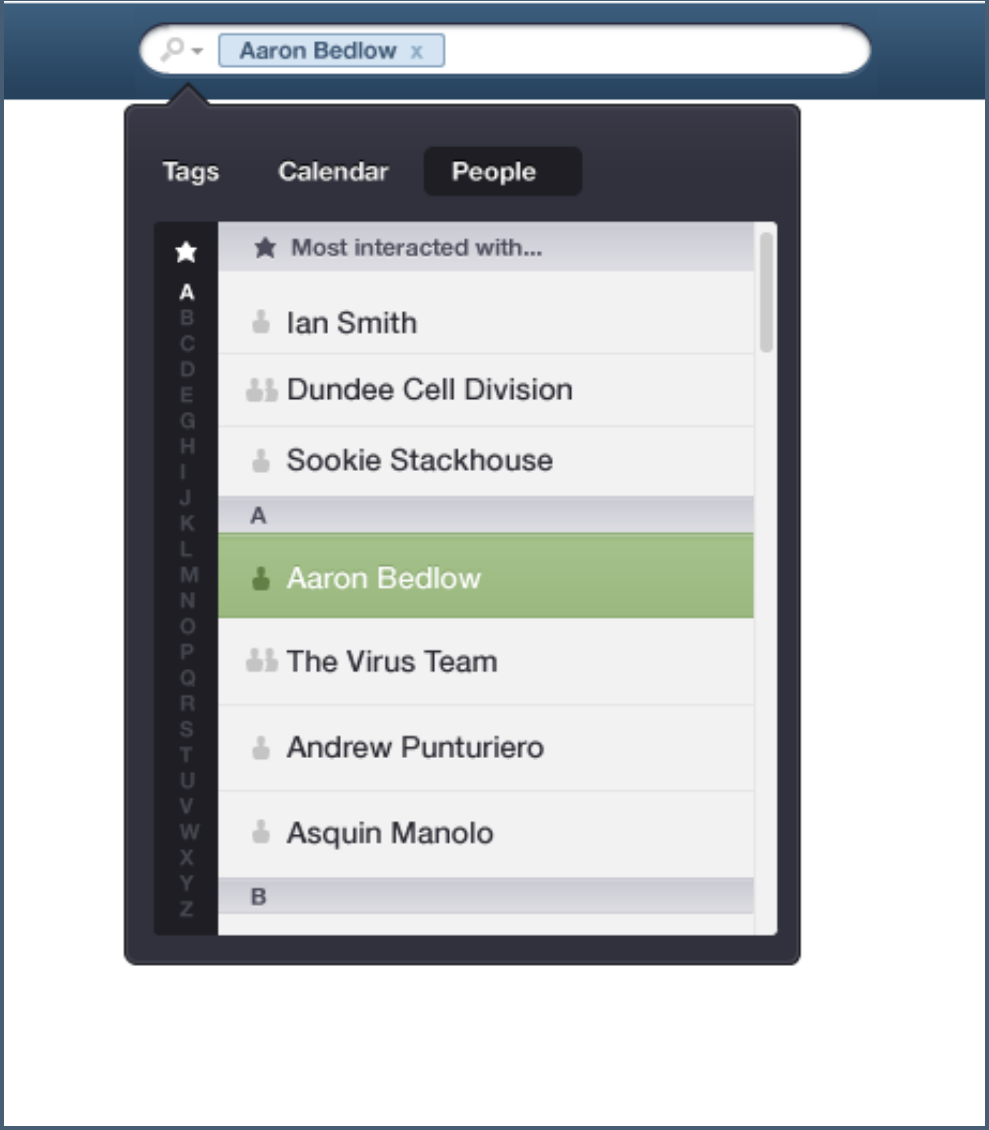
OMERO

Advanced Search – Calendar Dates



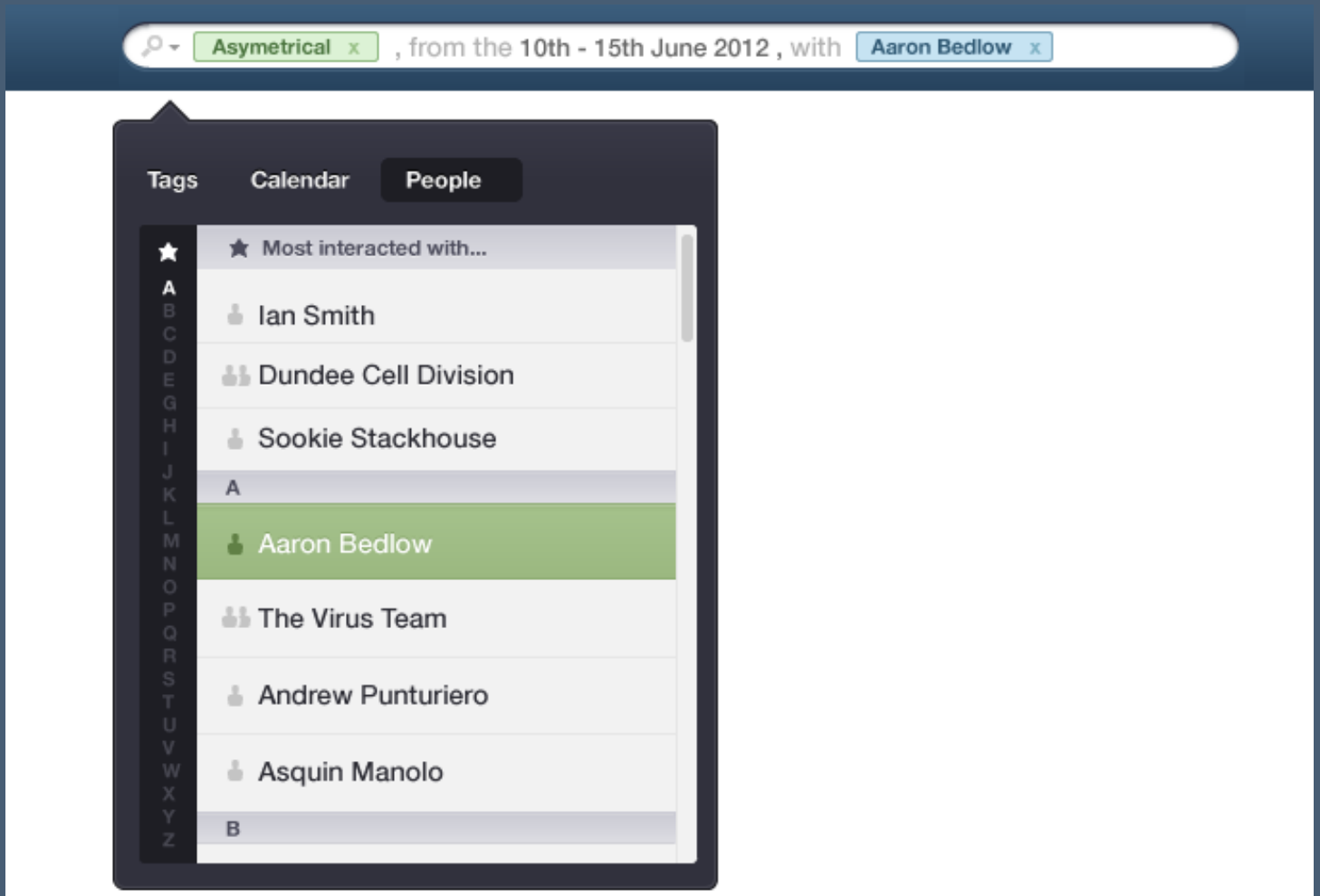
OMERO

Advanced Search – Contact List



OMERO

Advanced Search Combining Search terms

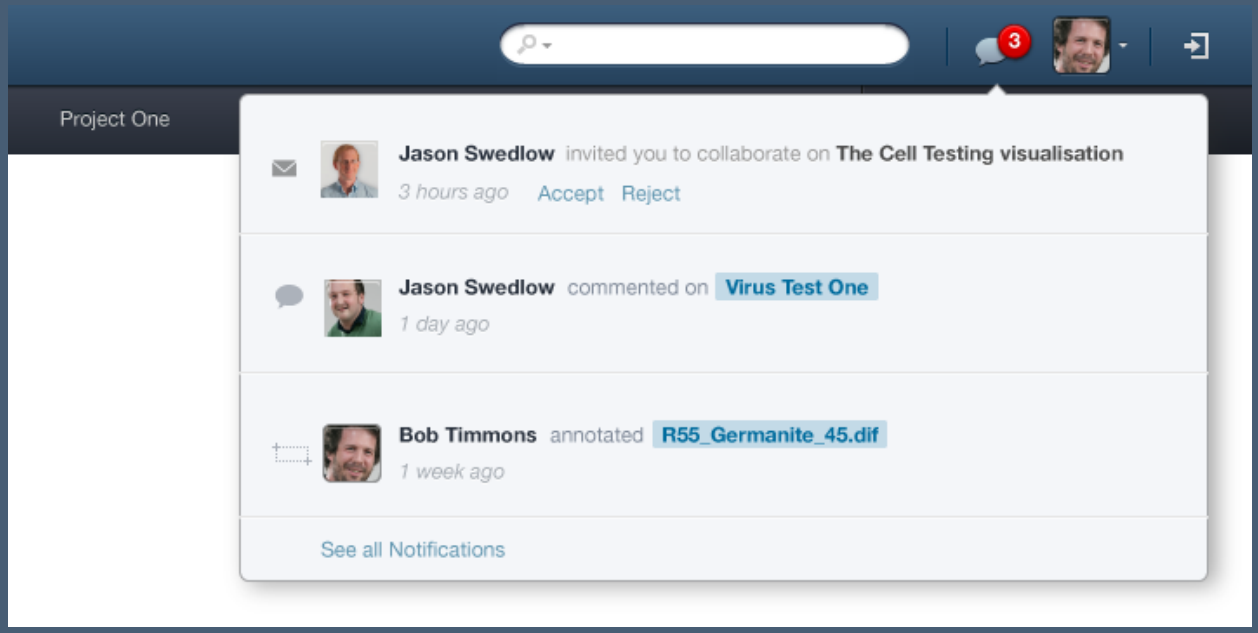


OMERO

Notifications and better collaboration

OMERO

Notifications & Collaboration

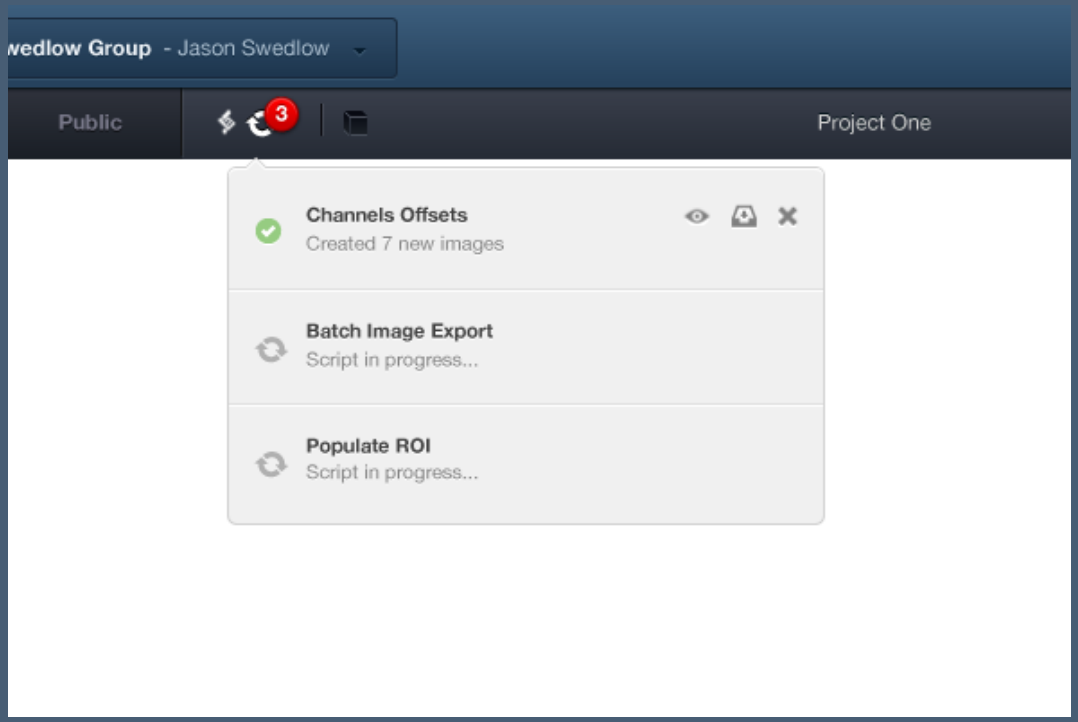


OMERO

Simplified Script and Activity Monitor

OMERO

Activity Monitor



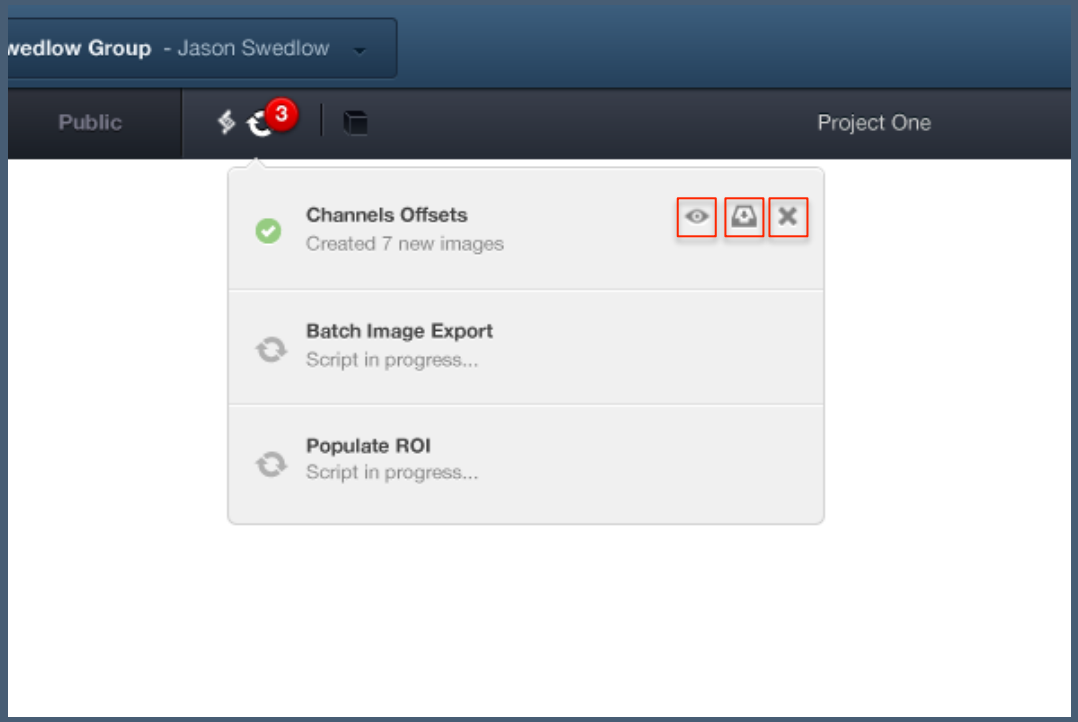
Reasons for movement

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

New position is in line with folder/file

OMERO

Activity Monitor

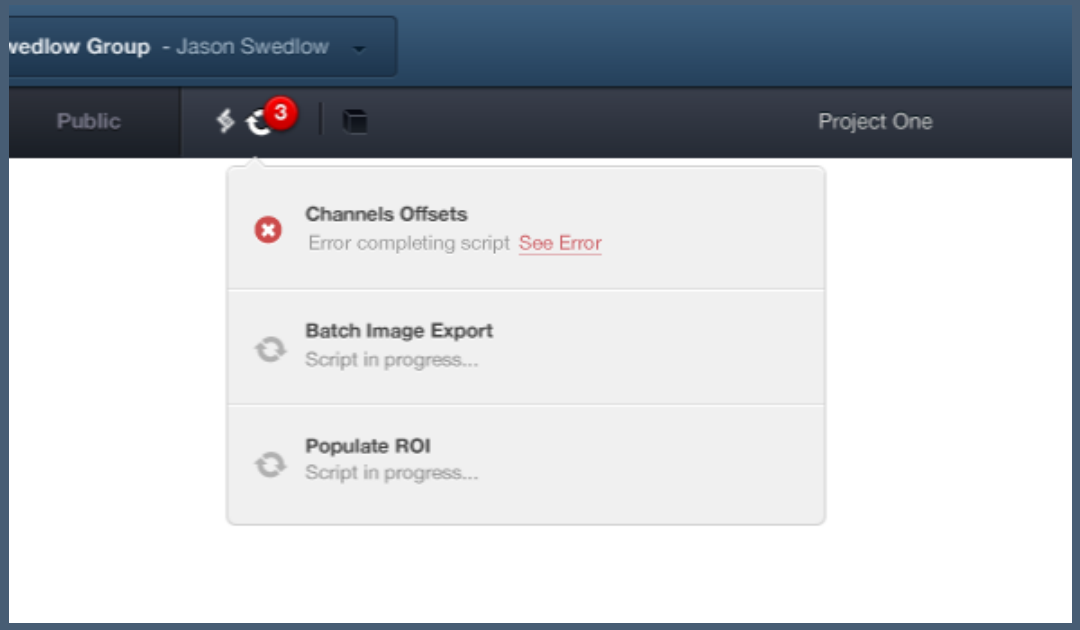


Options for processed scripts:

- View Data in it's place
- Download .zip
- Clear from list

OMERO

Activity Monitor

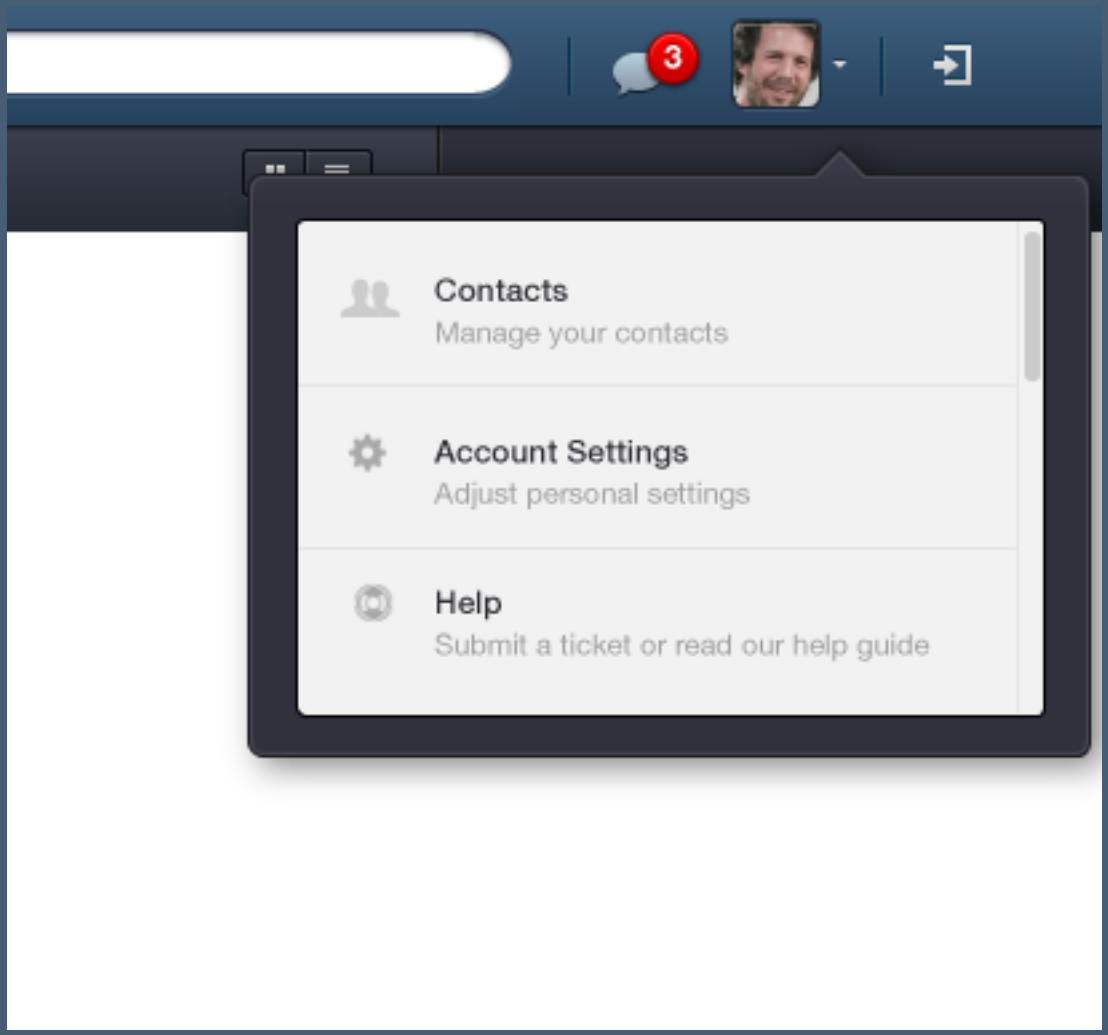


OMERO

User Settings

OMERO

User Settings



OMERO

Collaboration and the tree

OMERO

Collaborate

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

Collaborate

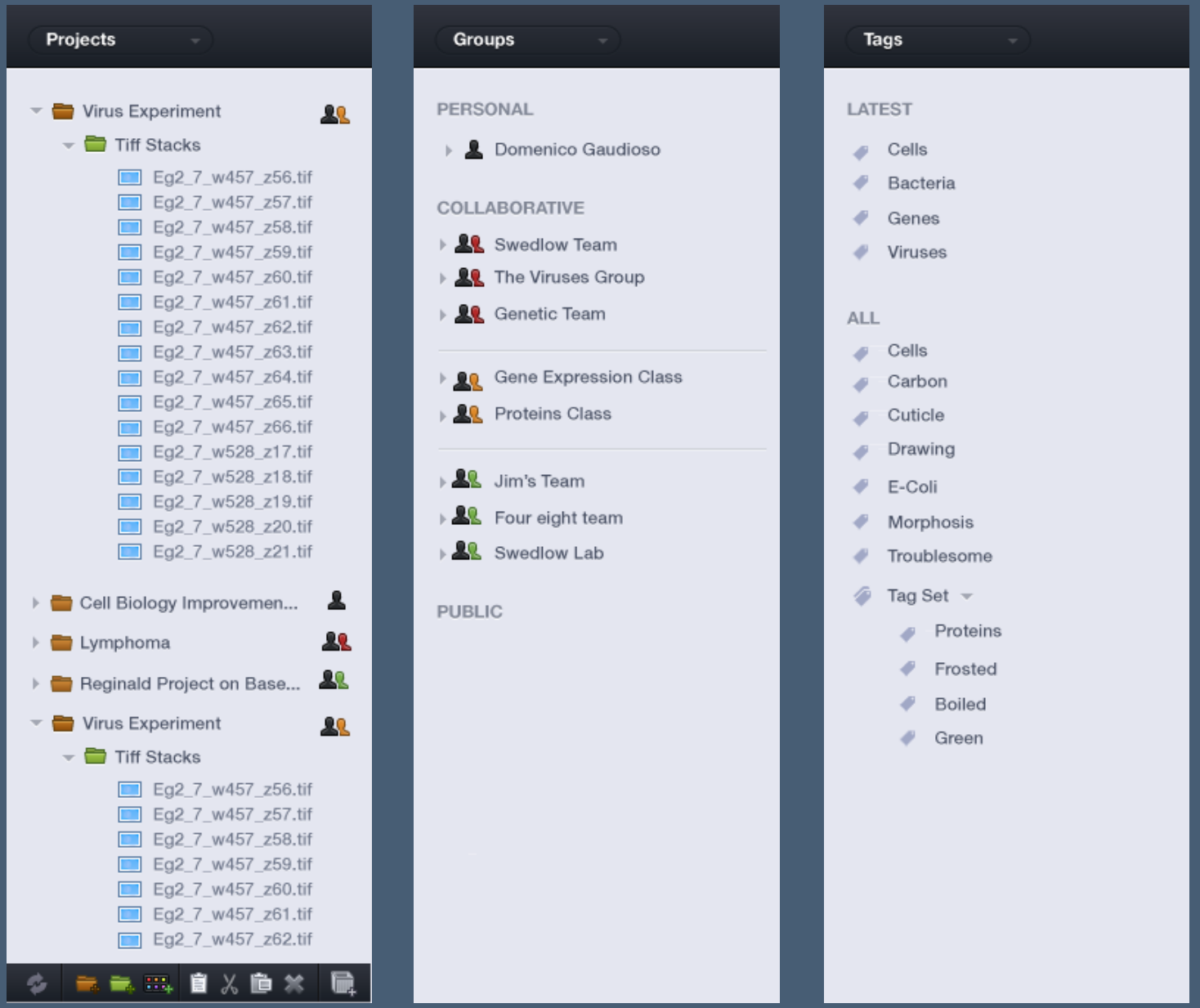
- View Only
- View & Add (tag, annotate)
- View & Edit (full access)

Collaborate

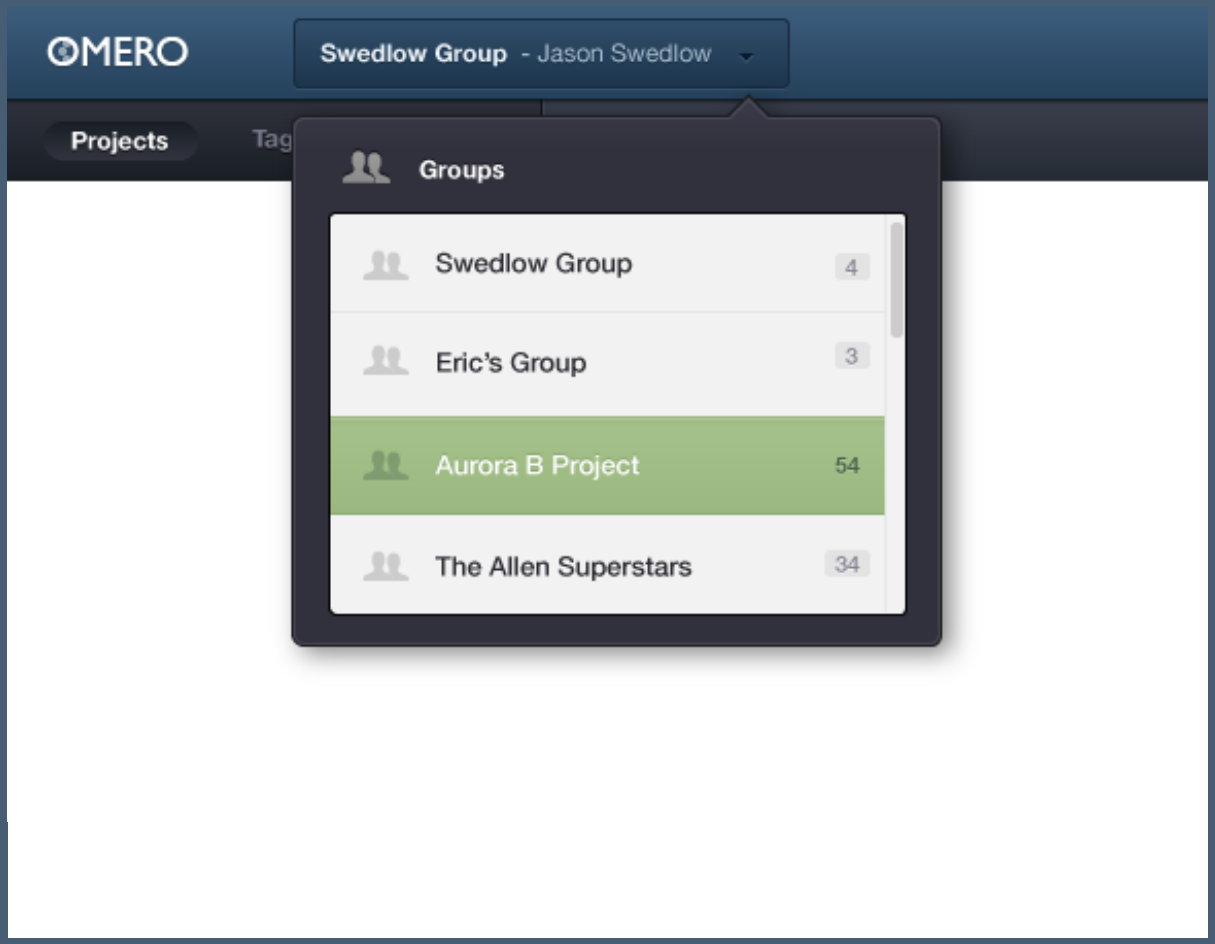
- View Only
- View & Add (tag, annotate)
- View & Edit (Full Access)

OMERO

Prototype 1

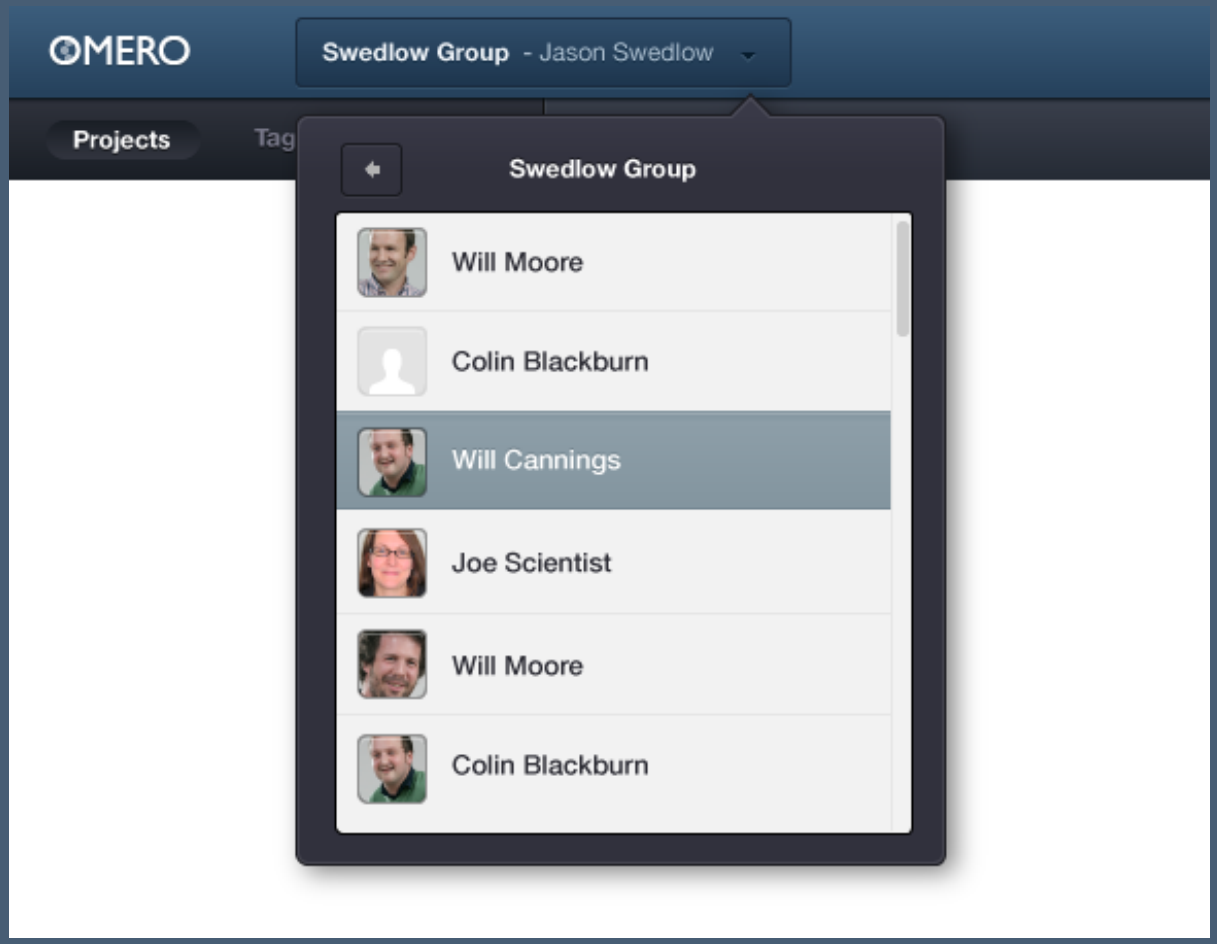

Projects
Virus Experiment
Tiff Stacks
Eg2_7_w457_z56.tif
Eg2_7_w457_z57.tif
Eg2_7_w457_z58.tif
Eg2_7_w457_z59.tif
Eg2_7_w457_z60.tif
Eg2_7_w457_z61.tif
Eg2_7_w457_z62.tif
Eg2_7_w457_z63.tif
Eg2_7_w457_z64.tif
Eg2_7_w457_z65.tif
Eg2_7_w457_z66.tif
Eg2_7_w528_z17.tif
Eg2_7_w528_z18.tif
Eg2_7_w528_z19.tif
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 Gaudioso
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.

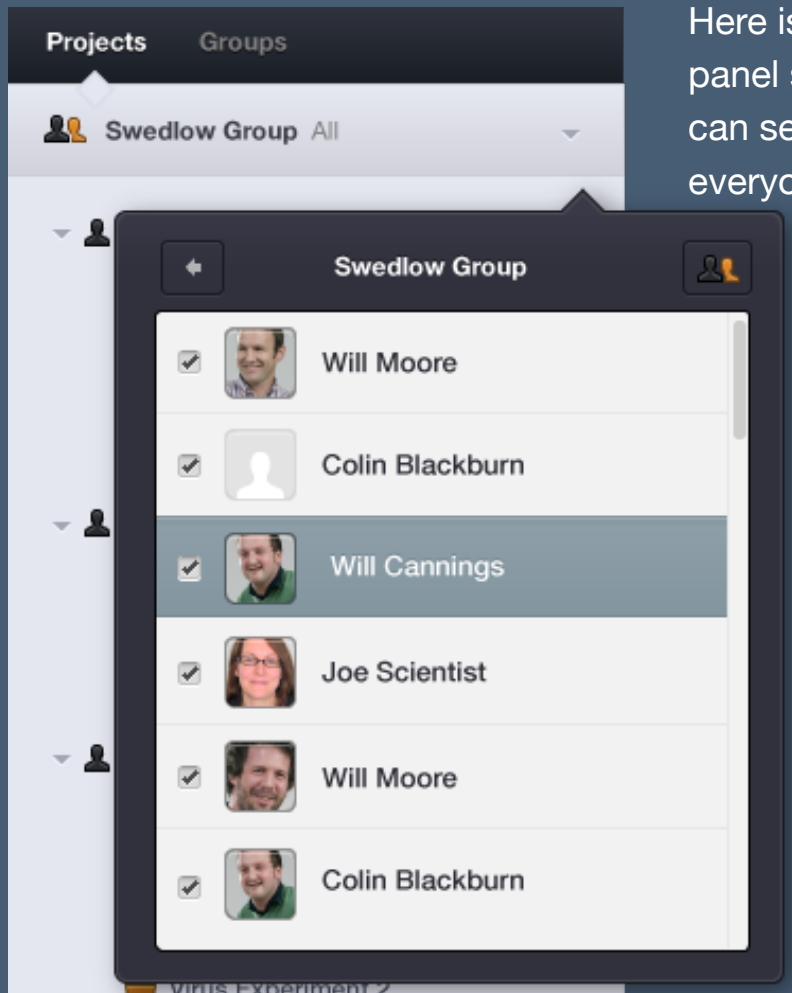
Projects

Groups

OMERO

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

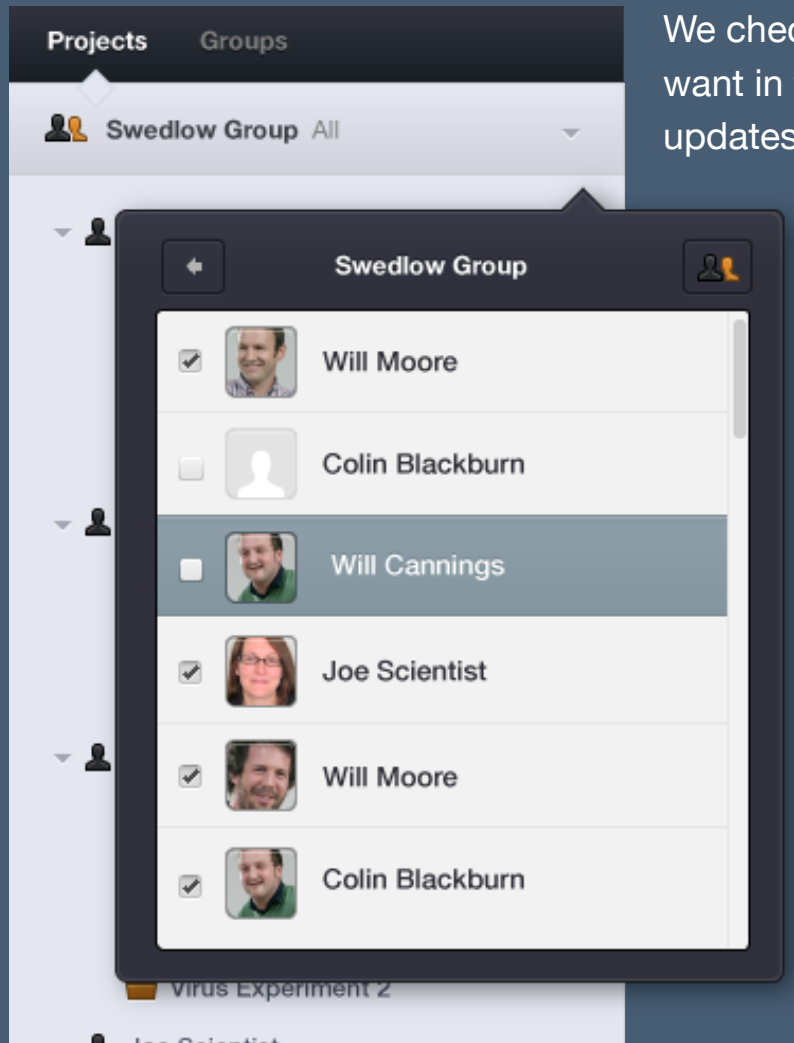


Here is what the user selection panel should look like. As you can see, we can see work from everyone in that group.

OMERO

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.

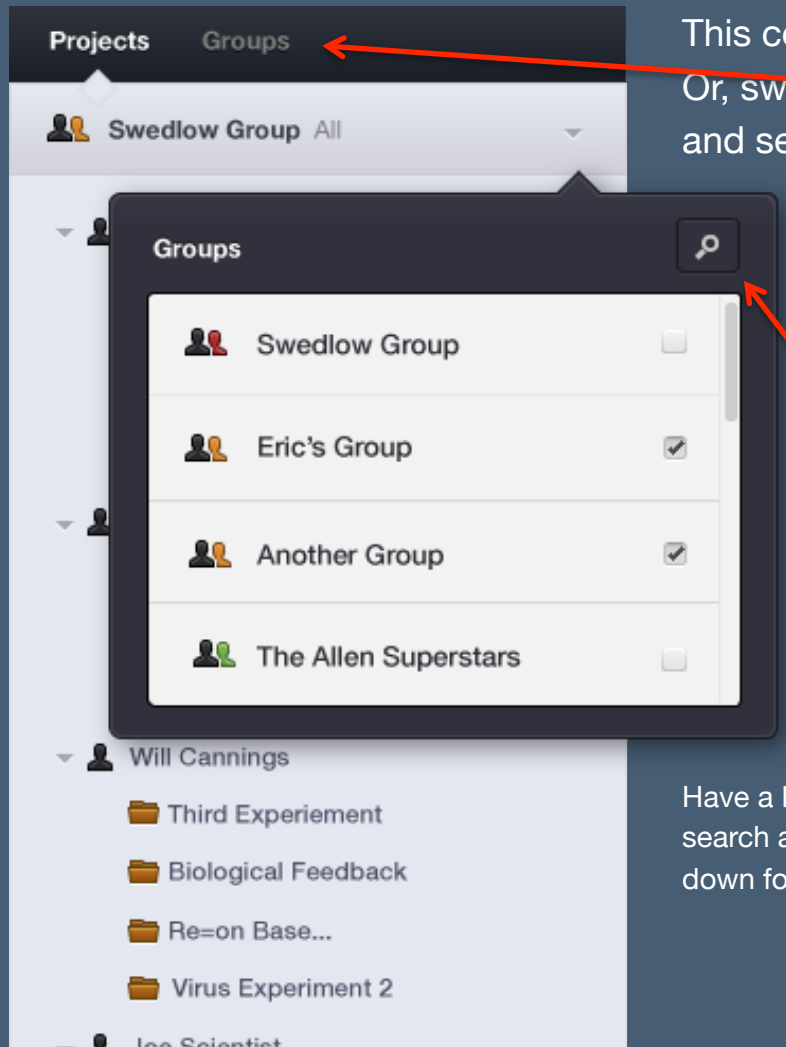


We check/uncheck what we want in the user panel, and it's updates the tree.

OMERO

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.

OMERO

Prototype 2 – Personal Data

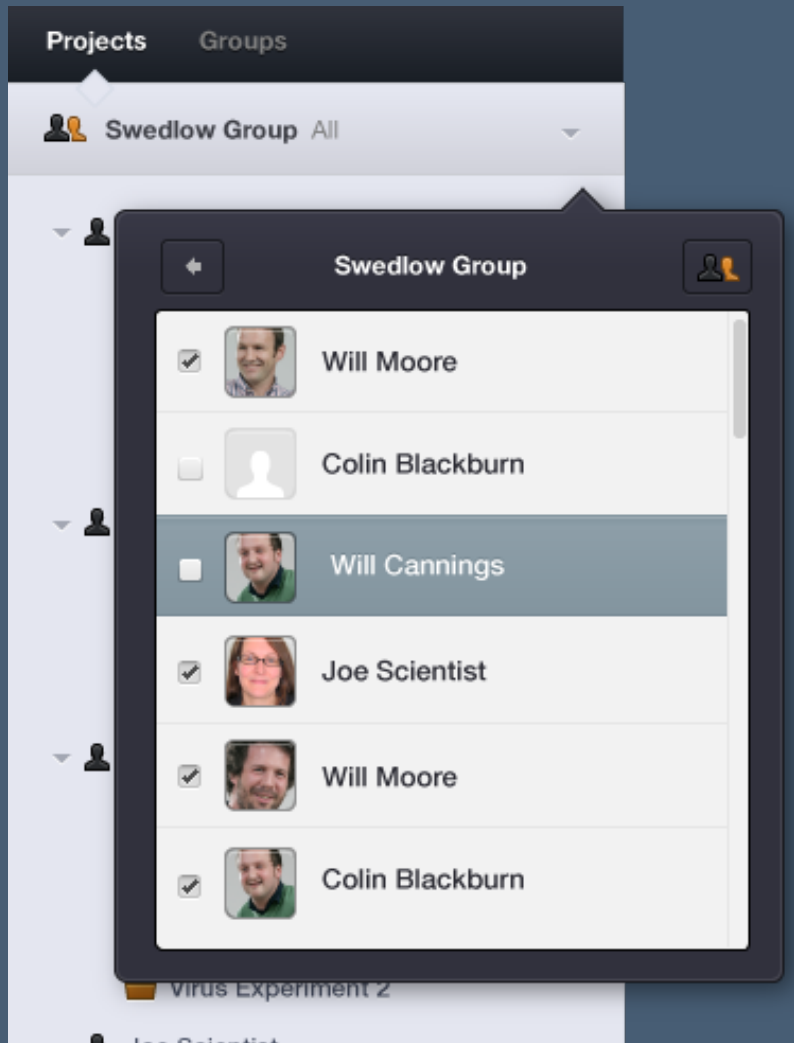
Or, of course, you could be interested in data which have permissions statuses set to ‘private’.

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.

OMERO

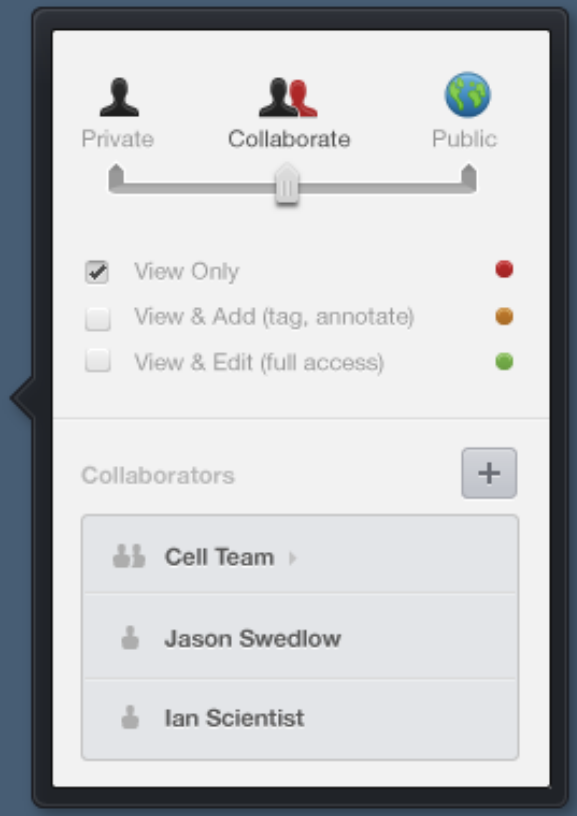
Prototype 2 – Adjusting Permission Status from Groups

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.

OMERO



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.

OMERO