

## Unconference session: Admin/Facility Management

### Attended by:

David Mason, Douglas Russell, Winfried Wiegraebe, Julio Mateos Langerak, Alex Herbert, Luke Hammond, David Strachan, Ralph Palmisano, Ahmed Fetit, Karen Bernhardt, Chris Allan, Jean-Marie Burel, Petr Walczysko, Colin Blackburn, Chris MacLeod, Gus Ferguson.

### Alex:

- reports on usage
  - files/images (counts) as well as disk usage, breakdown by users/groups
- archiving
- partitioning of data - high frequency use vs low frequency
- API call - is this file there/archived - "can I open this image" - yes/no
- ?glyphs on thumbnails
- some sort of feedback to users - "this file is being retrieved from archive ..."
- need a new "archived" flag as old one still being used for 4.x system files - original data saved

### Chris:

- needs some logic behind it
- archiving must be at Fileset level (flags on this object)

### Douglas:

- MFI files take a long time - would need to warn the user that it is not just a single image they will be waiting for - so will have to be at a file set level
- plug-able interface to allow user to decide what to retrieve
- one of the reports should be "what files not used in last X time" —> these can be archived

### David S:

- need flag for "never archive" e.g. data that has been published in Public group
- also mentioned "Archive now" flag. (cf Alex's Arkivum talk)

### Chris:

- problem with this is the users will just flag all their data as "never archive"

### Chris:

- users hate "archived after X time" regardless - has to be more intelligent than that
- archive policy needs to be transparent and predictable to users i.e whether image is there or not

### Alex:

- will have manual archive/unarchive
- onus on sys admin to tell OMERO when to archive/unarchive

### Winfried:

- communication between admin and OMERO user is key
- would be good to have "recent news" type flag of activity/forthcoming archive when user logs in == Trello's bell
- use for sysadmin messages as well

### J-M:

- Could also be used to flag up the fact quota almost full etc.

### David S:

- go the extra mile with quotas and show the user how much of their hard quota they have used

### Chris:

- can't replicate existing sophisticated file system quotas

- reports from these are not end user-friendly
- circle back to the predictability issue - e.g. want to avoid an import failing because the quota is exceeded halfway through
- rules and generalising on how quotas are used are tricky

David S:

- how do you handle quotas when images are shared or exported for others etc.
- who owns the data?

Chris:

- have reasonable success but is tricky

Alex:

- Sussex - user data mapped to person paying for storage
- if they had a user working for 2 project leads it would be a problem

Chris:

- the wider the user base the more difficult it is to map the user --> group —> payee

David S:

- most people using microscope booking system of some kind - this maps user to cost center
- could these systems be leveraged?

Alex:

- session memory would be good
- user returns to data tree in state that they left it in terms of groups and users displayed

Chris:

- current UI not good for collaborative work
- Group ownership of data in many Glencoe use cases
- should be able to see all data agnostic of user and group by default
- should hide users who don't have any data in the data tree

Douglas:

- agree - in the data tree really just want "my projects" - group agnostic

Chris:

- would be useful for many of Glencoe use cases

J-M:

- "importer" role is planned - be able to import as into any group but no admin functions like delete

Ahmed:

- can you delete groups?

Chris:

- no - would create serious problems if you tried

J-M:

- maybe we should have an "inactive" group setting - equivalent to inactive user
- is there still a call for group owners to be able to create subgroups

Alex:

- this could be useful to create a public subgroup so you don't have to move data out of dataset to make it public i.e. would not lose data from original dataset

Colin:

- Ola may have a work around using shares - speak to her

Douglas:

- being able to flag data as Public in situ would solve this

Chris:

- technically not possible at present

Also mentioned (not sure who (douglas): could tree view show P/D regardless of groups, ie all the data I can see without showing groups. "It will be nice to see "My projects" regardless of groups. Comment from J-M: Note that the definition of "my projects" needs to be explored: is it p/d the user owns, data he/she used etc.

Messaging

David M:

- currently comments practically useless as users don't know that they have been added - no way of seeing if comments added without looking at individual images
- some sort of flag/notification/log that a comment has been added

Julio:

- wouldn't make comments be used any more

Chris:

- if improvement might be used more
- need reply to/subsequent comments to be flagged

Alex:

- if OME does mockups - happy to run them by PIs to get opinions

J-M:

- problem finding and tracking events

Chris:

- yes would be nice but user would also need method of stopping notifications if don't want them

Douglas:

- could have digest style notifications

J-M:

- could start by targeting certain events and annotations

Chris:

- no need to reinvent wheel - plenty of existing paradigms we can steal
- particularly look at FB type user configuration of notification preferences