VC October 1st 2018

Presents:

DLS : Karl Levik, Neil Smith, Joshua Lobo (cryoEM), James hall
GP : Gerard Bricogne, Rasmus Fogh, ?, ?, Clemens Vonrhein
ALBA: Daniel Salvat, Daniel Sanchez
EMBLHH : Ivars Karpics
ESRF : Alex de Maria, Olof Svensson, Stéphanie Monaco, Solange Delageniere

CryoEM merge discussion

Neil presented the table differences between DLS and ESRF data models.
For each table we discussed if the field was currently used, if it was required in future and if it was stored in the correct table. We also discussed a few cases where the same value is stored under slightly different names.
A few key points for each table are listed below:

Movie table:
Delete unused micrographFullPath
correctedDose ???

Discussion about having the folder root at the level of DataCollection and a relative path in Movie.
Not convenient at ESRF, the full path at the level of Movie makes sense

MotionCorrection table
DLS can delete DataCollectionId, comments
imageNumber ? -> should go to Movie

ESRF can take patchesX and Y
ESRF can take fft

AutoprocProgramId ? what for ?
DLS: we use this so that all processing programs have an entry. That way we have a consistent method to track processing and can re-use existing fields (e.g. processing status and timestamps).

MotionCorrectionDrift table
Not used at ESRF

CTF table : postponed to another meeting -> **October 11th 3pm**
It could save time to study first which columns are really used or not.

Note : the ISPyB developers meeting is a meeting for developers and ISPyB is multi-technique so there will be meetings that we will talk about other techniques and, for instance, EM tables could fit in one hour with no need to be postponed to a dedicated session.

WS merge synchlink
No progress
Need more testing
Keep on the minutes and agenda to put pressure

What was decided in Trieste ?
Check the steering committee minutes
AK (Alexandra Kastner) + Milan to update the existing documentation as they progress and encounter difficulties while installing ISPyB.
-> SD will send a mail to them explaining where to find the documentation they can complete

Discussion about MX autoprocessing results metrix
Workshop to be organized by Olof with the help of Gerard
-> Dates and site to be defined

Staraniso parameters
ESRF fills the tables with the new parameters requested by Global Phasing (Github #29)
GP should come up with a design proposal and manpower to implement it -> Clemens

Request from DLS :
Merge autoProcProgram autoProcProgramAttachment tables and PhasingProgram PhasingProgramAttachement tables

ESRF would be OK with the idea but it will request time and will not be visible to the users, what is the benefit ? Not a priority for ESRF at the moment.
To be noted that autoProc tables in the ISPYB db are not linked with "autoPROC" software developed by Global phasing. These tables date from the EDNA collaboration. This name confusion is unfortunate but will not be changed quickly since this would require too much work for the gain obtained. However efforts have been made to remove the naming "autoproc" from the web interface at ESRF when it doesn't concern autoPROC results in order not to confuse the users.

Other items

Idea : track fields not used in DB, but then need also to track fields filled but not used in ISPyB/EXI

Next VC : November 5th 15h (UTC+2)
Everyone is invited to propose topics before