ISPyB Collaboration Meeting 26 February 2018

Next meeting on March 26th at 3pm (Europe) 2pm GMT

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1. **Participants**
   DLS
   Neil Smith **NS**
   ESRF
   Alex De Maria **AM**
   Olof Svensson **OS**
   Stephanie Malbet-Monaco **SM**
   Solange Delageniere **SD**
   EMBL
   Peter Murphy **PM**
   IMCA CAT- APS
   Joe Diglio **JD**
   GLOBAL PHASING
   Rasmus Fogh **RF**
   Gerard Bricogne **GB**

2. Collaboration: agenda, videoconference tools and minutes

ESRF proposed to organise the meetings (agenda preparation with collaborators and provided 1 to 2 weeks before the meeting, sharing the meetings, minutes writing and provided on Github) in a round robin manner.

DLS will start with the first 6 months (except the minutes of today written by ESRF that will be put it in a new common area of Github), then ESRF will take care of this. It will then be another institute of the collaboration.

Agreed that minutes will be make public on the Github pages and ESRF will write the first minutes and put them on the web pages

Some of the participants found problems when using webex so it was proposed to use either appear.in or hangouts next time.

AM tells that it is working fine for ICAT meeting on several sites with hangouts then it was decided to try hangouts next time

3. Plates at DLS

ESRF would like more information about the handling of plates especially concerning how the data are stored in DB.
Today Plate = container, Well = sample, Each position = subsample

NS will get a presentation and some documentation about this and put them on github

4. Github issues: "*small*" and "*big*" issues

There was not defined yet what it is a small or a big issue. This is important in order to auto-accept issues if nobody is against.

So it was proposed that:

Small issues : new fields to already existing tables concerning already existing techniques.
Big issues : all the others

Procedure for small issues:
1. Enter an issue on github
2. Send a mail on ispyb-dev list **(OPTIONAL)**
3. if no feedback during 3 weeks, then it is OK

For big issue :
1. The site asking for it has to enter the issue on github
2. Send a mail on ispyb-dev list **(OPTIONAL)**
3. Requestor should provide written documentation
4. Requestor should organize a meeting with the other members to present their new request and explain it **if needed**

5 .Conceptual model and related software

AM + **OS** started to describe the EM datamodel using both Draw.io and yEd. Feeling so far is that draw.io is easier to use than yEd.
They will make a report for next meeting with their feedback.

However, **AM** pointed out that we need a way to present the mapping between the high level model entities and the actual database tables. Otherwise there is a gap between the high level and the actual implementation.

For instance:

At the high level model we can find entities as: Grid, GridSquare but we don't know from this document where these entities are mapped (dataCollectionGroup and DataCollection table)

It would be nice to have a single diagram to maintain with all information on it.

6 .Mobile Application @DLS

A subcontractor will start next week studying how to use the official ISPyb restFul API to connect to the mobile application developed at DLS

7. Review of existing github issues on ispyb-data-modeling

https://github.com/ispyb/ispyb-database-modeling/issues/21	OK
https://github.com/ispyb/ispyb-database-modeling/issues/20	OK
https://github.com/ispyb/ispyb-database-modeling/issues/12	OK
https://github.com/ispyb/ispyb-database-modeling/issues/19	TBC

ESRF will comment on several issues that are ok but need some explanation about why they are needed, for example: https://github.com/ispyb/ispyb-database-modeling/issues/11

8 .Dedicated EM session

A dedicated EM datamodel meeting will take place during 2nd week of April in the meantime.

At the ESRF some fields are not used and we most likely will need to store new parameters. **AM** + **OS** will get requirements from ESRF scientists and will propose some changes in the data model if needed. They will make this as exercise to test draw.io, mysql workbench and yEd.

DLS needs to have the new person replacing Kevin involved