

ISPyB Developer's meeting
January 14, 2019

Present:

DLS: Karl Levik (KL), Neil Smith (NS), James Hall (JH)

GP: Peter Keller (PK), Gerard Bricogne (GB), Rasmus Fogh (RF),
Clemens Vornrhein (CV)

MAXIV: Alberto Nardella (AN)

SOLEIL: Idrissou Chado (IC)

ESRF: Stephanie Monaco (SM), Olof Svensson (OS), Solange Delageniere (SD), Alejandro DeMaria (AD)

Agenda:

- 1) Preparation of next F2F March 12-14
- 2) *what's up at each site since last VC meeting ?*
- 3) *Data quality metrics*
- 4) *review of some ispyb-database-modeling issues ? -> close old tickets*

Bye bye from Stephanie

Stephanie informed the collaboration that she changed her job within ESRF and she is starting at the User Office as Deputy head. She no longer will follow ISPyB collaboration.

1. Preparation of next F2F March 12-14

- Break-down to small web applications ?
Microservices ?

Agreed that a developers meeting will take place on Thursday afternoon, but prior to the meeting AD pointed that it would be necessary to start the discussion about the technical items we want to talk about.

-> NS will start issues to discuss these items

2. what's up at each site since last VC meeting ?

ESRF : the beam is off for 1 year, nothing new on ISPyB it's time to think about code refactoring and cleaning-up. EM data model agreed on : remains to be done

DLS: EM data model agreed on : remains to be done

MAXIV : will move to EXI

SOLEIL : missing developers resources. Will have internal discussions before new developments.

3. Data quality metrics

3.1 workshop organisation

Ok to have it at ESRF first week of April.

GB has already 12 people interested without having made the announcement.

As it is estimated that more than 40 people will participate, OS will look into booking the auditorium.

We should avoid to have too many occasional onlookers as we would like to have an effective workshop.

3.2 Mockup of data metrics presentation

RF proposed to discuss about viewing and comparing quality metrics in the ISPyB viewer(s).

And clarified his proposition as follows :

- *We have looked at coming up with a change proposal/mockup (for including, among other things, new statistics for anisotropic datasets), as discussed, but it needs some common thinking - it is clearly more complex than just adding a couple of columns to what is there already.*
- *That means that while we (GPhL) could contribute, it would have to be together with the people who own and know the viewer.*
- *Comparing the old ISPyB viewer (with selectable columns, etc.) with the EXI viewer it looks like there is a lot of work being done already; it would not make sense for us to come and propose things without knowing what you may have already decided should be done.*
- *Since we see some important scientific questions about what should be shown and how it should be calculated and compared, it might be useful to postpone the detailed discussion till after the metrics workshop. That does rather depend, however, on how intense the ongoing EXI work is, and how much of it is planned to be completed before the workshop.*

-> OK : agreed to postpone after the workshop

4. Review of database modeling issues

A lot of issues were discussed and commented, some were closed. See Github comments for more information on issues.

**Next VC : February 12th 15h (UTC+1) on <https://appear.in/ispyb>
Everyone is invited to propose topics before**