

Notes from VC 27/08/2008

Present: Freddie Akeroyd, Stuart Campbell, Nick Hauser, Peter Peterson

Discussion were mainly about XML schema - it was decided to leave the 4.2 API release to email as the tech chair (Mark Koennecke) was unable to join the VC session.

ACTION: tech committee to discuss 4.2 API offline by email

Work on schema has progress, but slowed a little due to other commitments. A few issues still need to be sorted out, the main one being dealing with user added items in a file that are not specified by the schema. Currently these items will make the file fail validation and using xsd:any is not a complete solution as it can match both an optional schema component and an unknown user component. Nick suggested using RelaxNG instead of XSD might help, which Freddie will look into. However it may be that the current behaviour is desirable as it draws attention to what is missing from the NeXus definitions - it is also relatively easy for users to derive their own schema if they wished validation to succeed on their own files.

It is now possible to validate a NeXus XML file using a new "nxvalidate" command - details of the schema work have been added to a Wiki page for discussion (<http://www.nexusformat.org/Schema>) and it was agreed that a message should be send to nexus-committee informing them of the current status

ACTION: Freddie to post a note to nexus-committee

Peter Peterson reported that he had been contacted by Pete Jemian regarding NeXus schema. Pete was encouraged with the progress so far and would like some more information on using the NeXus XML table format.

ACTION: Freddie to contact Pete Jemian

The dividing up of the workload of documentation pre-NIAC meeting 30th October was also discussed. As the documentation subcommittee ~= technical committee, the following action was agreed:

ACTION: Nick, Pete: Divide chapters between each other and convert all relevant nexusformat.org documentation into Docbook by 30 October for presentation to NIAC 2008.

Other actions:

ACTION: Nick to post the rest of the ANSTO schema - either by email or to check them into an "Ansto" branch in subversion

ACTION: Freddie to send Nick instructions for using the ImageCIF -> NeXus application

ACTION: Stuart to look at the existing cbf2nx and decide what is required for an nx2cbf application

NEXT MEETING: September 24 08:00EDT/13:00BST/22:00AEST