

The Questionnaire

=====

* Facility name

Lujan Neutron Scattering Center at LANSCE, LANL, New Mexico, USA

* Number of files/beamlines/instruments producing NeXus files

11 instruments producing NeXus files. Number of files per beam line per year varies from a few hundred to several thousands of files. I do not have compiled hard data for all instruments, but SMARTS has generated 80,000 NeXus files since 2000.

* Number of files/beamlines/instruments producing NeXus files in 2 years time

Same as present

* Barriers found for increasing NeXus use

Facility support to update current data acquisition software – we are still using the HDF4 based version developed in 1999/2000. Most instruments only use NeXus files for the raw measured data, and immediately reduce data to other formats, e.g. GSAS ascii files for SMARTS and HIPPO.

* Priorities for the NeXus community should be

No intent to change current situation from a facility point of view (change to current implementation of common data acquisition), so no suggestion as to new areas of interest.