

ARGONNE NATIONAL LABORATORY

INTRA-LABORATORY MEMO

DATE: April 7, 2004

TO: Attendees

FROM: John Maclean

SUBJECT: BCDA Group Meeting – 04/06/04

ATTENDEES: John Maclean, Kurt Goetze, Brian Tieman, Ben-Chin Cha, Ron Sluiter, Joe Sullivan, Peter Fuesz

ABSENT: Tim Mooney – apologies received, Carlotta Lukowski– training, Eric Boucher – apologies received.

STATUS:

John:

- Carlotta will be supporting the user office during Darlene O'Maleys' maternity leave. She will be doing less for Patricia Fernandez when Patricia moves to one of the LOMs. Carlotta will still be supporting BCDA.
- Approximately 23 applications have been received for the software developer position. Interviewees have not yet been selected..
- The Lab. Move is on hold until we hear if XFD will help fund the cost.

Ron:

- Work with UNI-CAT is complete. They now have a test ioc booting from the gateway. Still waiting to hear how HP-CAT are progressing with their gateway.
- Has begun evaluation of OMS maxV board.
- Delta Tau board arrived. Will start development of drivers.

Brian:

- Fixed two problems with Tomography cluster.
- Working on upgrades to Windows version of CCD acquisition program, requested by IMM & UNI CATs.

- APS IT group intends to take over maintenance of Tomo cluster. What impact will this have on availability?
- Had meeting with nano CAT team. To introduce them to EPICS and possible overall beamline control schemes.
- Will be evaluating Danaher motor drives and a PC104 OMS motor controller.

Kurt:

- Enhanced device support and software for a number of devices on Sectors 1,2 and 4
- Assisting GMCA user in Germany with mpf.
- Updated servo tester for Dave Gore.

Ben-Chin:

- HDF browser further developed and user guide finished. Will announce to users.
- Fixed problems with CaWingz for Jim Stevens.

Joe:

- Resolved VIPC616 problems Mark Rivers reported.
- There remains one known problem with VIPC616, SBS will generate a fix.
- Next batch of IP carrier boards ordered should be VIPC626. These replace the 616.
- 8ID I station. Putting crate together.
- Work progressing on web interface for hardware database.
- Fixed data acquisition problem for Jin Wang, with the help of Ken Evans.

Peter:

- Relay boards for HP-CAT are finished.
- Building 20 off generic motor interfaces for Dohn Arms.
- Parts have been acquired for a new batch of Lemo breakout modules.
- Cables for sector 8. Parts are here.

SHUTDOWN ACTIVITIES:

- John will attempt to ascertain IT groups schedule for the shutdown.
- Ron will be working with HP CAT to resolve their encoder problems
- Ron will be working with UNI CAT to get their iocs booting from gateway machines.

- Kurt will possibly undertaking upgrades to 2 iocs in sector 4. ioc4IDC will be upgraded to synApps 4_6
- Ben-chin will be testing her tools with EPICS 3.14.5
- Joe will be working on sector 8-ID I station.

CODE INSPECTIONS:

The group discussed the Jack Ganssle paper on code inspections. John encouraged people to hold code inspections when they have a suitable project. A suitable project would be one with a reasonable amount of code, e.g. a new record type and one that would be used in more than one or two applications.

The subject of requirements specification came up. This is a subject for future meetings.

CROSS TRAINING:

John would like staff members to present cross training sessions to the group. Initially we will have one cross training session a month. A presentation should be 30 – 60 minutes and on a subject of the presenters choice. The subject should be relevant to the groups activities, e.g. Brian might consider the nano probe or his CCD acquisition software, Joe might consider his work at sector 8.

The object is to acquaint other members of the group with areas they may not normally be familiar.

John will present the initial session in one of the next two group meetings. Volunteers are requested otherwise we will have to draw lots.

JFM

TO: John Maclean
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Carlotta Lukowski
Brian Tieman
Ron Sluiter
Ben-Chin
Peter Fuesz
Tim Mooney
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Eric Boucher