

Dear all,

Here are the minutes from today's meeting:

o Data Flow Schematics <Itaru>

- The conventional bcofull variable has been 16bits, while Raul's bcofull is 40bits. The decision is to branch out existing analysis macro and let one version to change long integer to longlong integer to accommodate 40 bits bcofull. The original version stays with test bench data with 16 bits bcofull.
- Takashi proposed **Joseph** to Introduce event structure in the root raw data. Although sorting same BCO hits function hasn't yet been exists, but the structure should be introduced from the beginning.

o Data Packet Strategy <Itaru>

- **Itaru** asks DAQ group for workspace in SDCC.
- **Itaru** talk to Raul if he has updated the data format and confirm if there is any data size bits assigned and where event counters, if the 40 bits BCO counter is established by now.
- The agreement of the DAQ meeting was to start off with very low rate and won't issue any trigger until all hits are shipped out from each subsystems.
- This way, the event number has one-by-one correlation with the BCO counter.
- The event counter should be implemented to Felix and the event-ID should be injected to every packets.
- This way, the consistency in both BCO counts and event-ID are double checked at the event building stage to insure the healthiness of the event.

o Software progress <Joseph>

- Introduced coresoftware (hardcoded felix map, deadmap, calibration, online monitor.

o Software organization <Yasuyuki>

- We should fix the framework of software for INTT including organization, standard convention rule. **All software developers** posted in git suppose to provide information to Takashi. **Ttakashi** will combine these information and lead the discussion in the next meeting.

Regards,

-itaru

On 2023/05/10 20:02, Itaru Nakagawa wrote:

Dear all,

We'll have the weekly meeting in following time.

May 11th Thursday 9PM in BNL = May 12th Friday 10AM in Japan = Friday 9AM in Taiwan

*indico

<https://indico.bnl.gov/event/19495/>

*Zoom

<https://zoom.us/j/92149923535>

Best regards,

-itaru

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