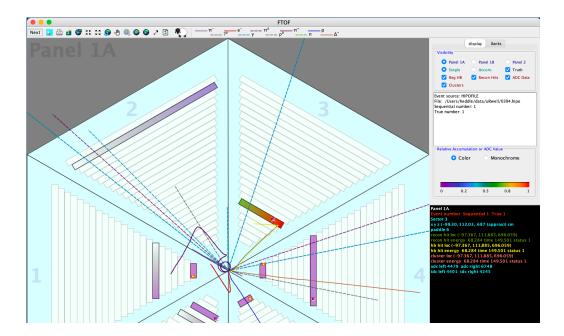
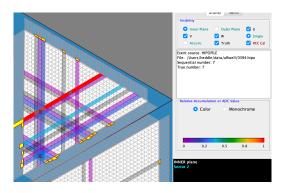
ced 1.5.1 https://userweb.jlab.org/~heddle/ced/builds/ced.1.5.1.tar.gz

Some relatively major changes

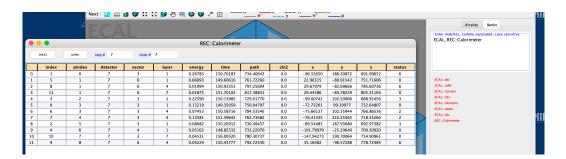
- Change for on-line: I have "kinda sorta" tested this. But what should happen is that when you connect to ET, ced will automatically go into its counting-house "an event every 2 seconds" mode. Sometimes shift takers didn't know they had to turn that on manually if they restarted ced and then erroneously reported that ced was broken. But there is a distinction (perhaps without a difference) between "poorly designed" and "broken."
- * The utterly worthless and unlamented CTOF/FTOF view has been summarily expunged and replaced with a *fully operational* FTOF-only view. (CTOF is still on the central detector views. Why I put them both on the same view is unknown. Honestly, the 201X years are something of a blur.) The new FTOF view shows all six sectors, and you can switch among panels 1A, 2B and 2, similar to the ECAL view. In a first of its kind, for adc coloring it does a gradient from the left adc color to the right. You can see that effect best in sector 3 in the picture below.



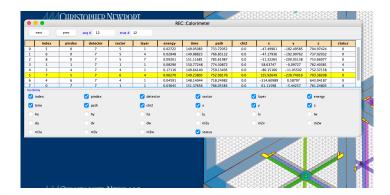
• The ECAL and PCAL views have been modified/enhanced. The Rec energy histograms are bigger and are now on the sides of the readouts in all cases. This was done to placate the experts; nobody else complained. Then again, nobody else probably looked at it. For simulated events, pesky duplicate bogus ADC=0 entries are trapped to prevent overwriting. Strips with (legitimate) ADC = 0 are drawn in transparent colors distinct from the color gradient so they stand out next to more garden variety low adc hits.



• Views now have a customizable "Banks" tab that shows relevant banks. If you double click the bank is displayed locally, rather on a distant part of the virtual desktop. Just enter or delete banks (full-name or partial name, comma separated, case sensitive) and it will take effect on the next event. The changes will be saved. (On the machine you're running. If you give me your Google password I'll save to the cloud, too.)



If you single click on a row in the bank table, then *ced* will potentially highlight that component of the event. I haven't implemented this widely, but I will slowly build up the cases where it works.



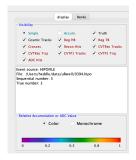
- •There is a 2D µRwell view that is reasonably functional.
- *There is a 2D ALERT view that is more or less a placeholder until the ALERTians provide more data and guidance.
- There is order based DC coloring used by ML types, as described in an earlier missive.
- Monochrome mode (on the view's control panel) works for single events, not just accumulated events.
- ced is a bit snappier. Some unnecessary redraws were hunted down and terminated.

Some trivial changes

• Change for symbology legend: There was a legend tab on the control panel for each view. It was a pain to keep those up to date. So there is now a single global symbology legend under the Options menu.



• There is a little text box on each view's control panel. For now, it displays some general info about the event. This info was in the mouse-over "feedback" area, so it was updated every time you moved the mouse, even though it was static. A CPU cycle saved is a CPU cycle earned.



• The main title now shows what version of CoatJava is used by *ced*. This is so people can stop asking "What CoatJava are you using?" and instead ask "When will you update to the latest CoatJava?" Progress.



- The histogram views have been deprecated. I don't think anyone used them. If anyone wants them back it will be hard (I'll have to uncomment up to 5 lines) but it can be done.
- Eliza is a bit sensitive about ChatGPT:



- 3D seems to be temporarily working on all Macs. I haven't tested on linux.
- The views menu has been reorganized to be more aesthetically pleasing.



• Accumulated ECAL views are pretty and give me a tartan plaid (well, I did go to Carnegie Mellon) vibe. That is all.

