

CODA 3 Experiences

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- CODA3 was downloaded and installed on atedf3, where I have a test stand
- A VME crate was run with CODA3. Contains FADC and VETROC
- The Podd decoder and some classes in Podd needed updating to read the files. The CODA3 format is automatically detected.
- Inhibiting factor for CODA3 for SBS is using vxWorks. Dave Abbott is working on making a coda_roc for vxWorks.

Data Acquisition Support

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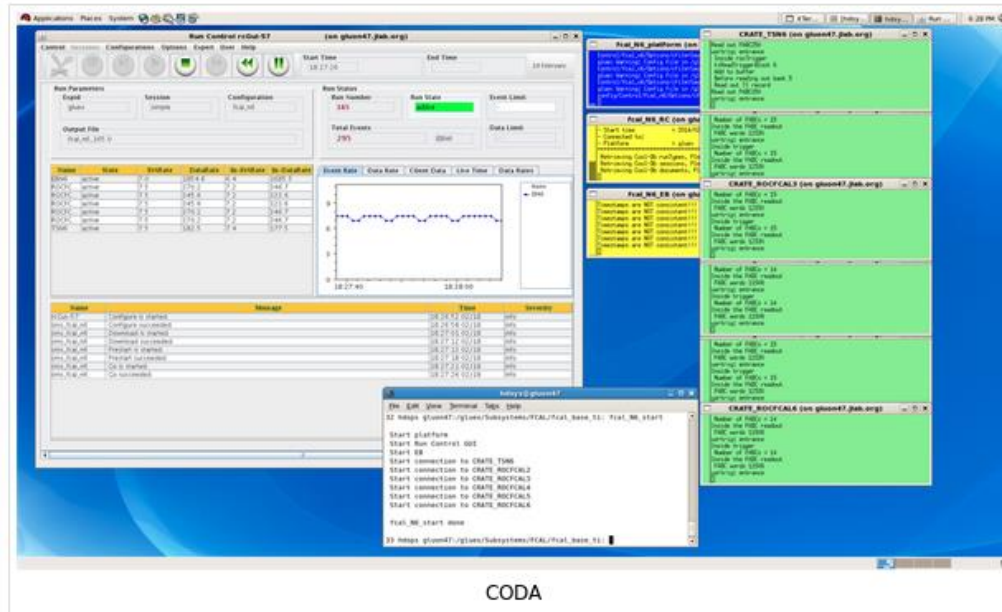
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I naively went here and followed instructions to find CODA3.

Welcome

New website : This is the new CODA Documentation website. We are moving all of the documentation, download links and other web based information to this server. At this time there are probably some things that are missing. **The old website is still available at codaold.jlab.org**. If you do find something that you need which isn't here but was on the old website please email coda@jlab.org and let us know.



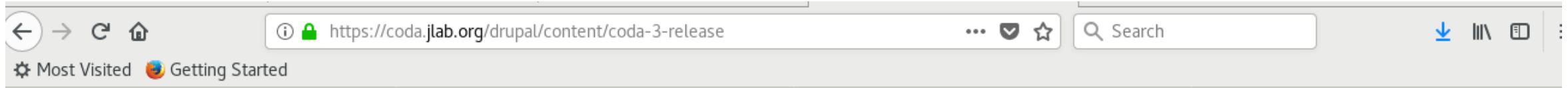
CODA

The data acquisition support group (DAQ group) is part of Experimental Nuclear Physics division. The group provides support to the laboratory staff and user community for the development and implementation of data acquisition for nuclear physics experiments. You can read more about the DAQ group on the [About Us](#) page.

Jefferson Lab uses a common framework of software and hardware to implement data acquisition systems for experiments and test stands. This framework is called CODA (CEBAF Online Data Acquisition). You can read more about CODA in the [CODA Documentation](#). CODA was developed by the DAQ group and is a suite of software tools and components which, along with the recommended electronics, can be used to implement a data acquisition system suitable for nuclear physics data taking. The system is designed to be modular and flexible and, parts of CODA can be used to implement

systems acquiring other types of data. If you are interested in customizing CODA to meet your needs please contact us.

The latest version (used by Hall D) is 3.10. This was recently installed for the Compton Edet work.



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CODA 3 release

Latest supported release is CODA 3.06

More Information coming soon!

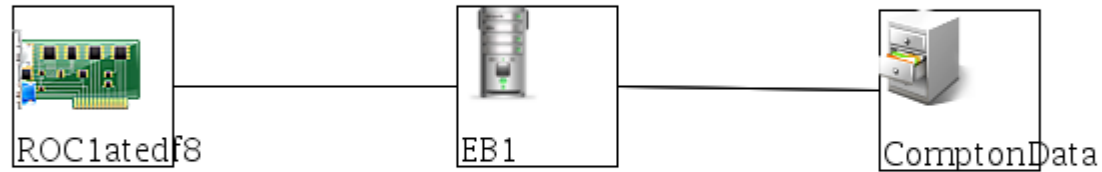
Files associated with this page:

Attachment	Size
General CODA3 Release Notes	7.47 KB
CODA Release 3.06 (tar, gzip file)	42.42 MB

Other pages in this section:

[Example Single Crate Configuration](#) Here we present an example configuration.

Making a database is easy. (and there is only one now)



Component (on atedf3.jlab.org)

Name: ROC1atedf8 Type: ROC
Priority: 1,210 Master Roc ID: 1
ROL1: /root/linuxvme/ti/rol/vme_block.so User String:
ROL2: /root/linuxvme/ti/rol/event_list.so User String:
User Config: undefined (optional)
Description (optional): undefined

Process

Open New...

RunData tsCheck
 Sparsify 2 tsSlop

Ok Apply to All Clear Cancel

Data format is totally different.

But this was incorporated into the Podd analyzer by me.

