CCM meeting 11/12

News:

- Beam mid 2025 at NP02

    - Marco: How long?

    - Alex: Don't know

- Wes: Transfer of LAr on-going should be done tomorrow

Control

- Pierre: FSM rework

    - Description of the changes: fatorising FSM and Action:

        - FSM is DAQ-wide

        - Actions are controller (mostly root) controller

        - Actions to be separated out of the run control in a `druncactions` repo

    - Status

        - Schema changes are done, drunc is a bit more complicated (figuring out arguments depending on the actions etc)

    - Alessandro: Interesting factorising problem that we also seem to have with Calib/Trigger

    - Alessandro: Sequences?

        - Subsequent PR, if that makes it too complicated

- Status after command for commands

- Claudia:

    - Threading too look for the children on the connectivity service

    - Next step: interface between controller and process manager

- Pawel:

    - Preparing ERS implementation: we'll use a logging

- - Restructuring the logging with a hierarchy inside drunc
  - Has a split between of `pyerskafka` and `erskafka` and `erschema`
    - Don't forget the microservices (image creation)
- List of things for the next patch, should create issues (Pawel has already done some)

Configuration

- Workshop last week
  - Follow up Wes and Marco
    - Proposal a bit unclear, wrote a document awaiting comments
    - Developing the idea we presented:
      - 3 new repos based of EHN1 config:
        - config-base,
        - config-operation,
        - config-management (scripts to do the necessary operations)
      - Wes working on ehn1-configs to make it work
      - Next steps: continue working on this and presend a few workflow
      - CIDER:
        - Changing the textual-DBE to look like what we want shifter with a first draft version of what we need before XMas
        - Something no git interaction, only files
        - Workflows:
          - enable/disable OKS resources
          - TPG will come later
      - Marco: Pierre, when will you read the document and comment
        - Pierre: Soon

- Alessandro: After v5.2.0 with John's help, we made rework for configuration cache for dal object which has inheritance. Integration tests pass which means this is working fairly well (casts work etc.). What do we do about this? Inheritance could be used in more complex way:
  - For example resources: enable/disable virtual objects could help in the readout to enable/disable stream
  - Marco: for a patch? No
- Pierre: Offline reader reader idea that I presented at the meeting is moot, due to defaults not being saved in `.data.xml`
  - Alessandro: In the future, we should use the OKS' Python bindings which expose a swtich that enables defaults saving
  - Alessandro: Prunning is also an option (removing the unused sessions/object)
    - Pierre: I quite like this idea
    - Wes: What would this means?
      - Pierre: There is only 1 Session object in the XML we save to the run registry
    - Wes: If someone asks me what configuration we ran, what should I say?
      - Pierre: `Session.id`
      - Alessandro: May not be the only thing interesting to save
    - Marco: We also need to understand how this relates to the *OpMon* "session"
      - Pierre good point, I'm not sure
      - Alessandro: Probably needs to be saved too
      - Pierre brings us back to renaming the "OKS session"

Monitoring

- Marco: small update to the dashboards

K8s

- Pierre: New microservices needed for ELISA's `pddp` logbook, chatting with Pat about it

Next week

- Demo from the RSE on the run control UI