

Planning v5.2

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Present situation

- Fddaq-v5.1.0 released:
 - Contains the features for running with BDE, using fake-hsi or random-tc-generator or with simple TP based algos (prescaling)
 - Supports also FELIX readout (not tested with real detector)
 - Uses drunc as run control system, integrated with microservices needed for running at EHN1
 - Tested using automated tests as well as CRP4 and 5
- Several features were not included
 - Timing, CTB, sspmodules, daphnemodules and their OKS schema not complete
 - Changes in TP/trigger algorithms and metrics from fddaq-v4.X not ported
 - Handling of hw resources (pinning) only in its basic form (as fddaq-v4)
 - No k8s support from drunc

General Considerations

- Planning of fddaq-v5.2 should complete the transition to OKS, but also advance work on several fronts that have been put on standby for long
 - Proposing a “long” dev cycle
- CCM focus: drunc (+k8s?), opmon
- CoreSW focus: oks resources description (for pinning), factorizing TP algorithms out of fdreadoutlibs and porting changes from v4, appfwk updates from workshop incl opmon
- Trigger focus: fully validate new model, port algorithms and metrics changes from v4, port CTB, opmon updates
- Timing focus: complete OKS porting (linked with changing approach of central timing as a service??), opmon updates

