

Requirements
Event Data Model
Implementation
Organization & Ranking
Timescale

I Requirements

- easy to use for hardware people /
Newcomers / students
- maintained by "group" of people
- Documentation
- "Fast" → Run on a cluster
- interface to simulation

- "one program" for everybody
- main use cases:
 - energy calibration
 - template fit \rightarrow reconstruction
 - pulse shape parameters \uparrow
- flexible reconstruction
:

--- Viewing pulses and Parameters

- quality cuts

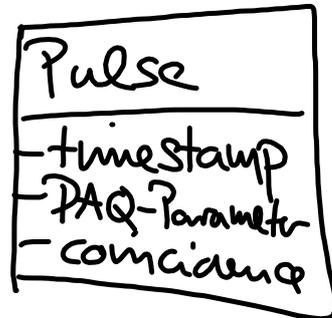
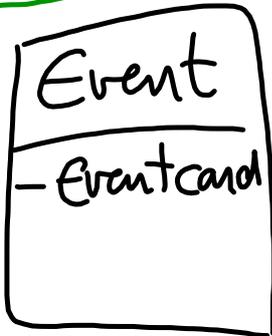
- "flag" events

- intermediate results should be
easily be accessible ; persistence

- Exchange SW parameters → steering file

- group pulses into event
- Output: xy-data set for event
Calculation
- "from RAW data to AOD"
(Analysis Object Data)

I Event Data Model



↓
Set! + parameters
Member functions

0	0		
1	0		
2	1		
3	1		
4	1		
5	1		
6	1		
7	1		

Pulse Param
Pulse

Time STAMP	
Phonon	Light
Pulse	
⋮	

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$mT \rightarrow \text{Dron}(T; S: (\text{Phonon}, \text{PH}))$

EC
PH
E#