



SOFTWARE TRIGGER

REPORT ON TRIGGER SOFTWARE DEVELOPMENTS

TRIGGER SOFT STATUS

- Developed with DCOD framework (see next presentation) 🧐
- Based on a decisional tree
 - Managed by 4 Narval actors
 - Header Collector (HC) and Data Management Filter (DMF) to manage experimental data
 - Pattern builder and trigger to make decision
 - ~1200 lines of generic code vs ~200 lines of specific code
- Tested and working with 8 « channels » @ 20 kHz
- Validation with NuBall Q4 of 2017 @ IPNO
 - LPC electronic cards (Faster)

CAPTION

Actor

Actor Narval : in Narval 2.0 (DCOD)

Memory

Memory buffers : Storage pool with POSIX interface

TRIGGER SOFT SCHEMA (4 AGATA CRISTALS)

