

new task group – data management



- 1) Mission statement – A.C.
- 2) Overview of tasks
- 3) Some suggestions
- 4) Decisions

organisation of task group (#13 or #14)

blinding

MGDO - data format - ROOT

mission statement



There have now been extensive discussions concerning the creation of a new task group for 'Offline Data Management', and there seems to be a consensus that such a group should be created. This group should cover all issues related to data & MC organization, documentation, ... The task force should have one or maybe two coordinators, as other task groups have, but membership will span many institutes. The work will be largely technical, setting up web pages to store information on data sets, writing documentation on how data can be accessed, keeping track of backups of the data, linking together data sets which belong together (calibration, slow control, MC and detector data), providing sample code, etc. Issues such as - do we want to do a blind analysis, rules on how analyses are to be accepted by the collaboration (this is already defined to some extent in the EB rules, ...) are not included in the tasks of the group but are left for discussion inside the collaboration.

tasks



data taking: Phase I & II + Muon + Large <> Padova - HD

slow control:

calibration:

backup of raw data + slow control

monitoring beyond slow control (histograms of time lines)

ELOG

summaries: structure of Ge array and FE, accum. exposure

Monte Carlo

software repository

.....

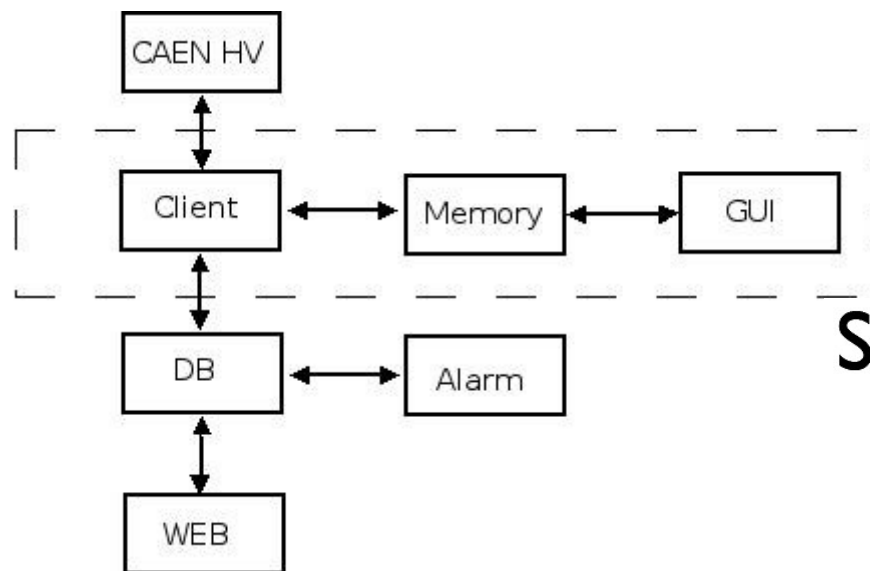
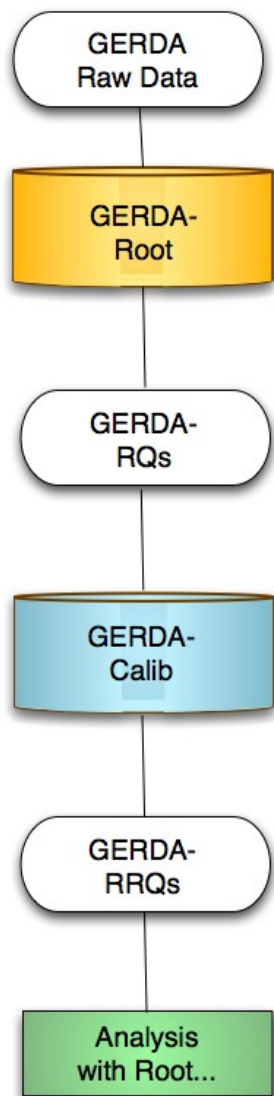
The GERDA Collaboration wants to run efficiently, i.e.

quick & thorough checking needed

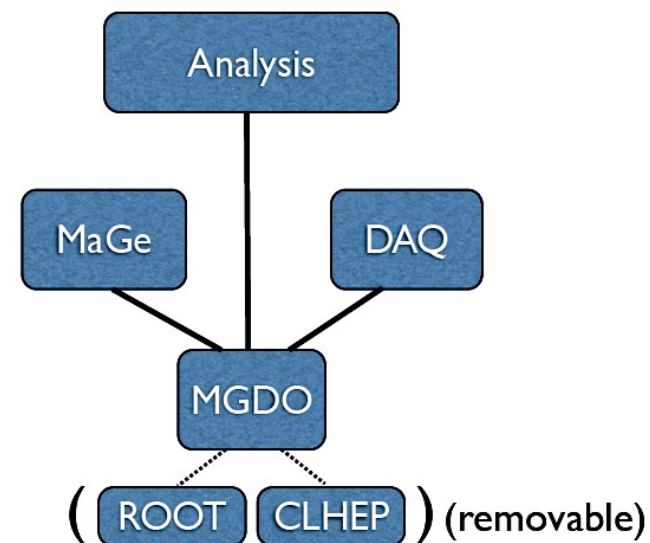
no superfluous work, however double-checks

Everybody in GERDA should be empowered to analyze

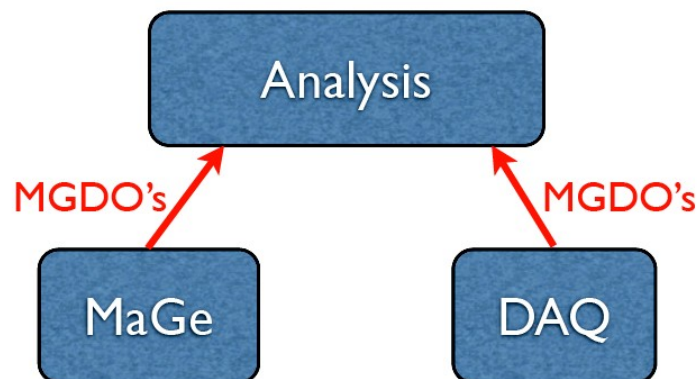
Many roads to Rome



Software Hierarchy



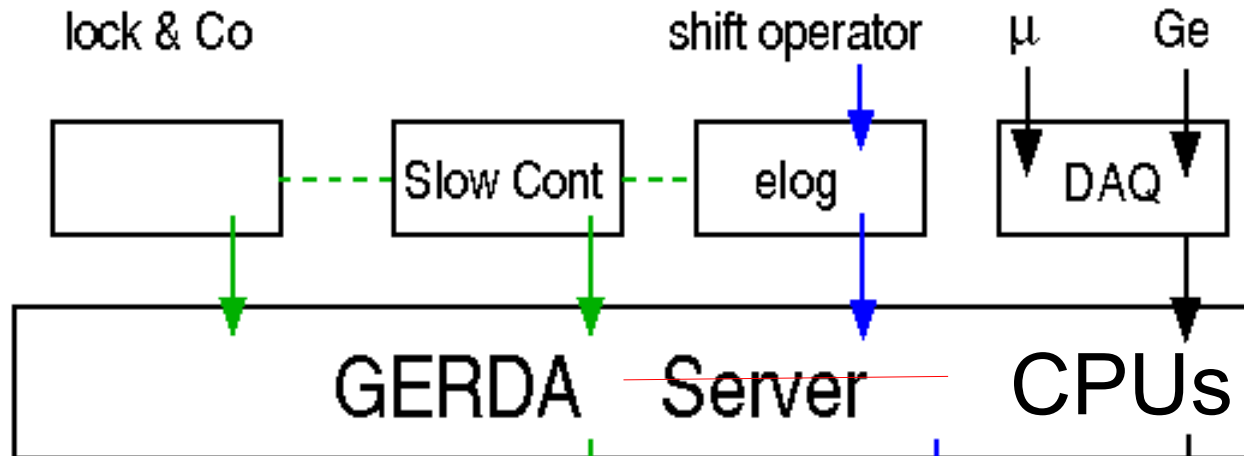
Data Flow



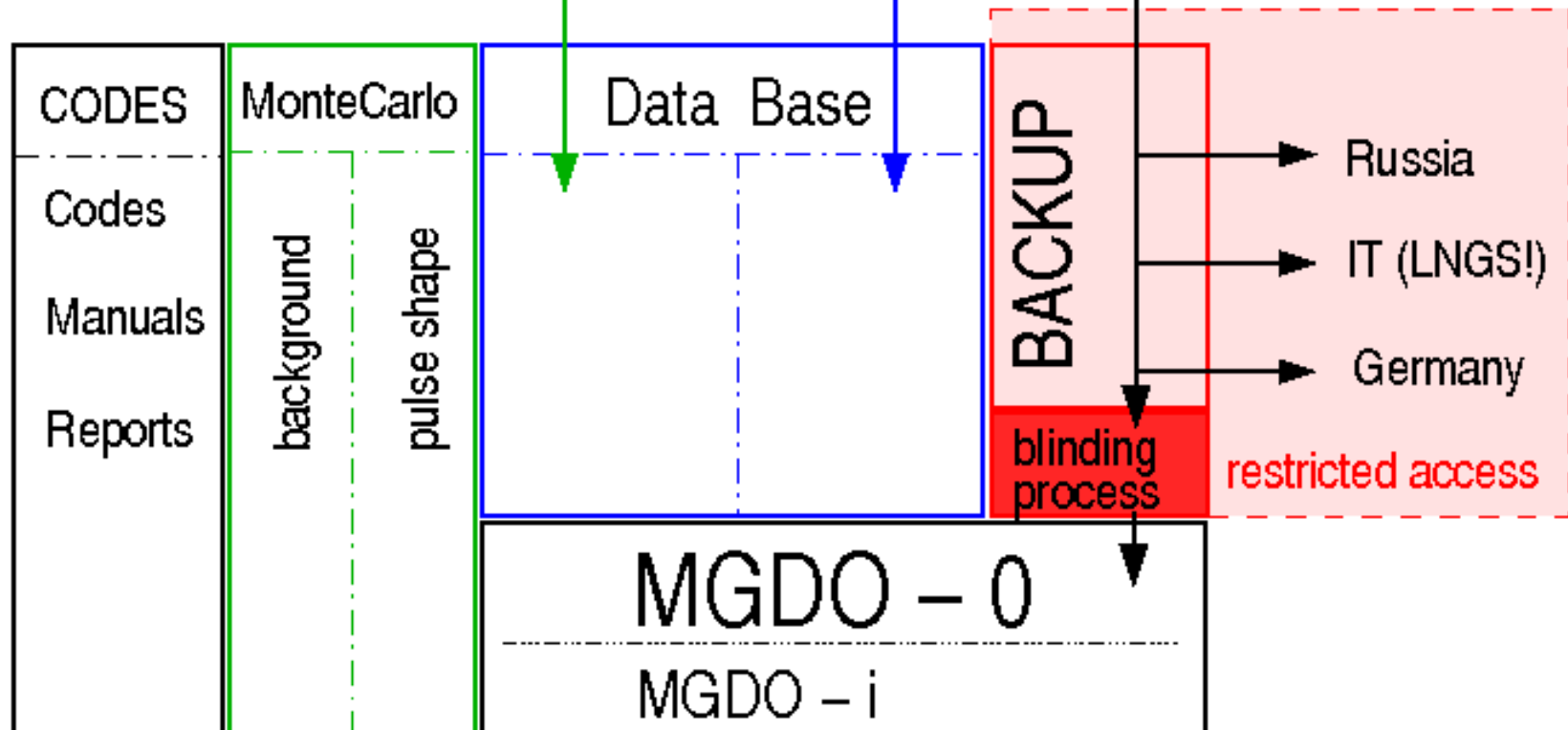
overview



UNDERGROUND



LNGS COMPUTING



status



backups:

countries D-I-R,
but which institutions ?

software:

MC: organized MaGe, MGDO
DAQ
Online monitoring
Offline analysis

Storage space needed:

1,5 TB @ LNGS available

hardware:

?

structure of task group



organize / supervise

DAQ – calibration – Muon Veto – MC
Slow Control

tasks



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