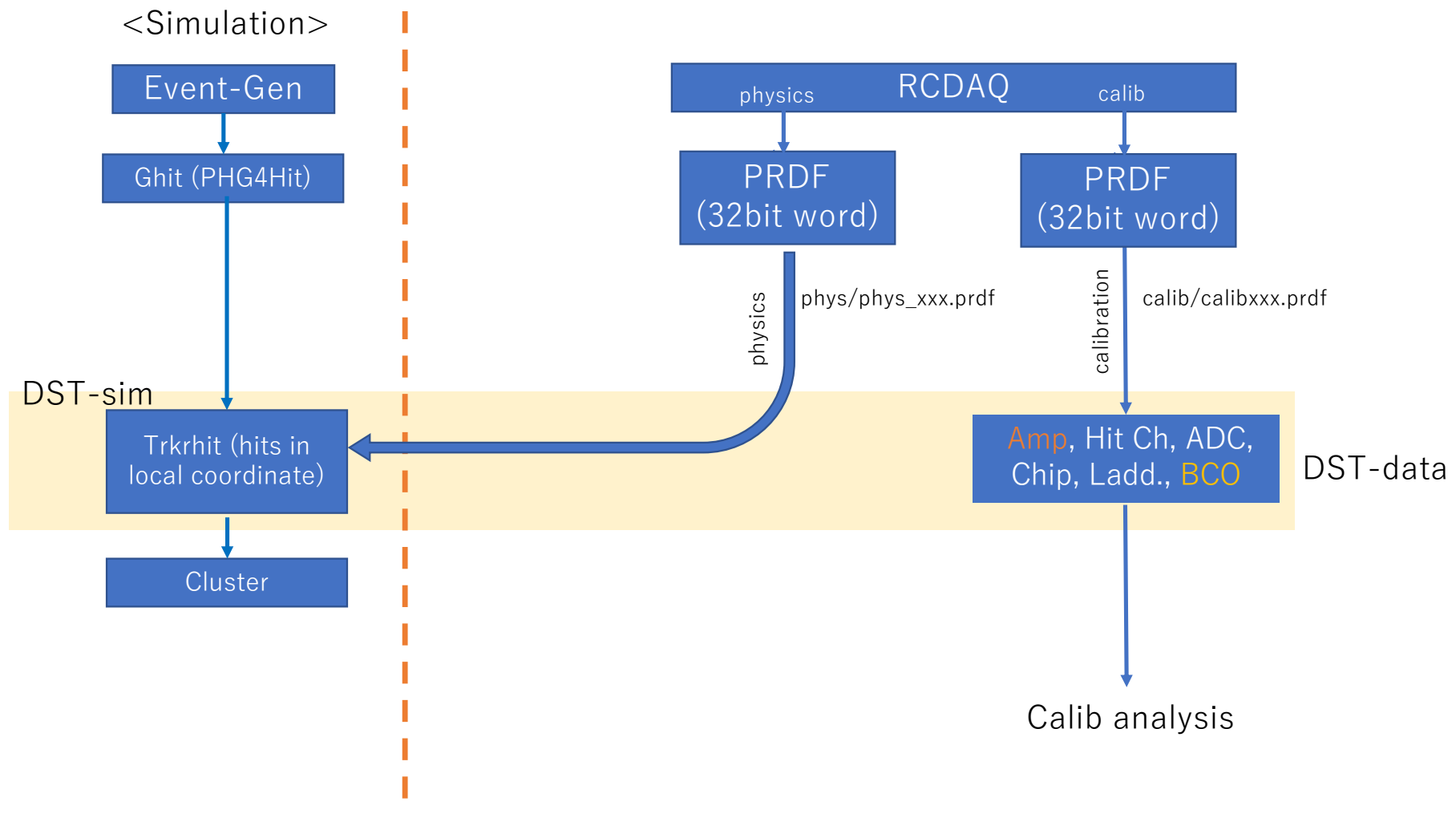


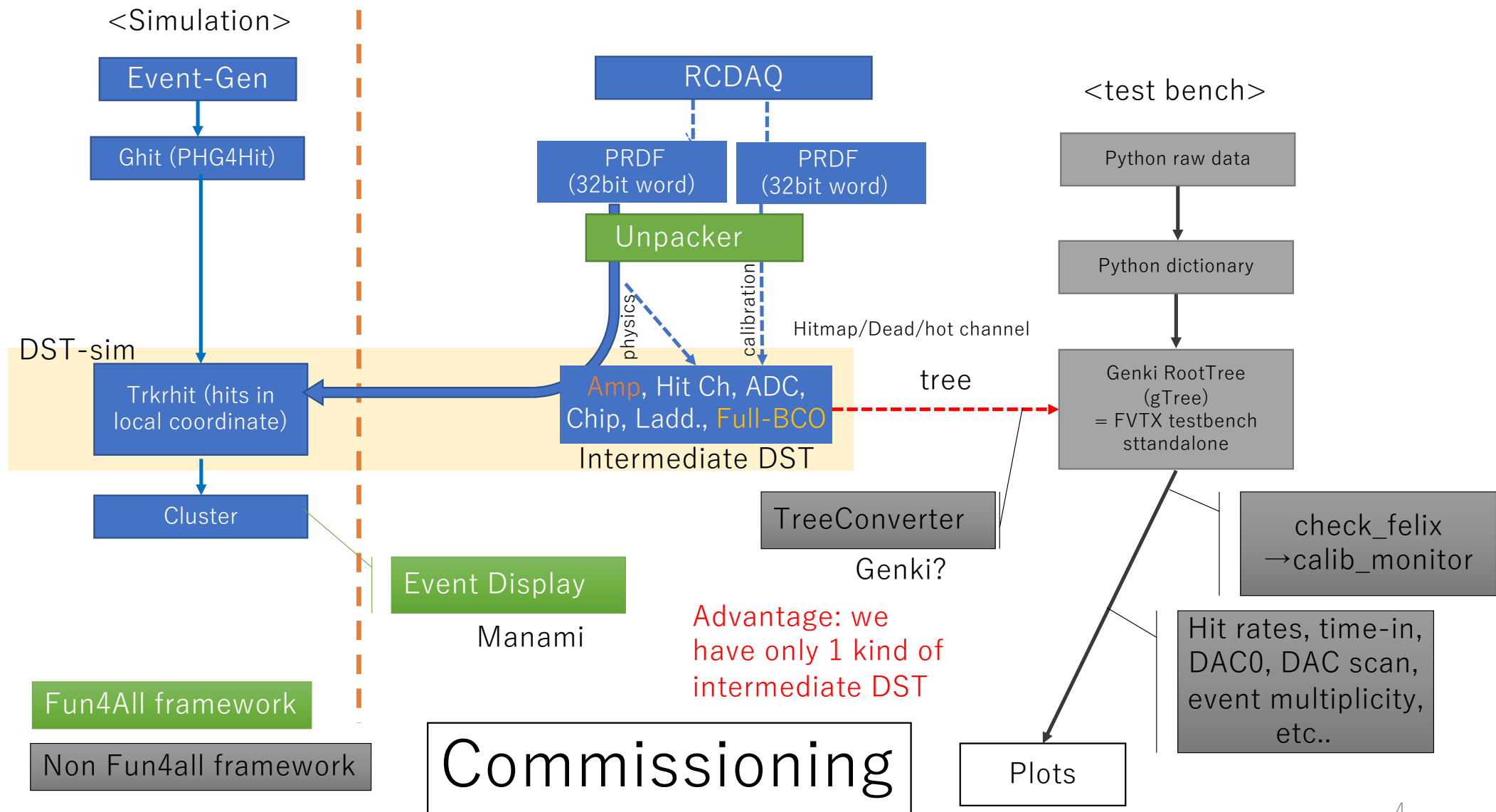
RCDAQ Data Flow Chart

RIKEN/RBRC

Itaru Nakagawa

FVTX Flow Chart





DST Design

On 2023/04/29 10:46, pinkenburg wrote:

Dear Itaru,

the DSTs are root files which contain two TTrees. One for the run wise objects (under the RUN node), one for event wise objects (under the DST node). The path on the node tree (the composite nodes and the nodename itself) is coded into the branch name.

One can read this directly with root but things like the synchronization when reading multiple input files naturally don't work. Most of our objects are not suited to plot from the cmd line but for quick checks this works well. But I wouldn't go down that path for "real analysis" because any change in our DSTs will probably break this and you will play constantly catchup

Chris

Pro/Con to use non-Fun4All framework

- Many analysis programs have been already developed and ready to use.
- Quick feedback from the analysis is possible. This is rather important for commissioning to optimize operation parameters.
- It is rather easier to contribute in the analysis from overseas. We can maximize the manpower.
- Further development of these codes leads to dead-end, but I think these low-level analyses won't be destined to be advanced analysis.