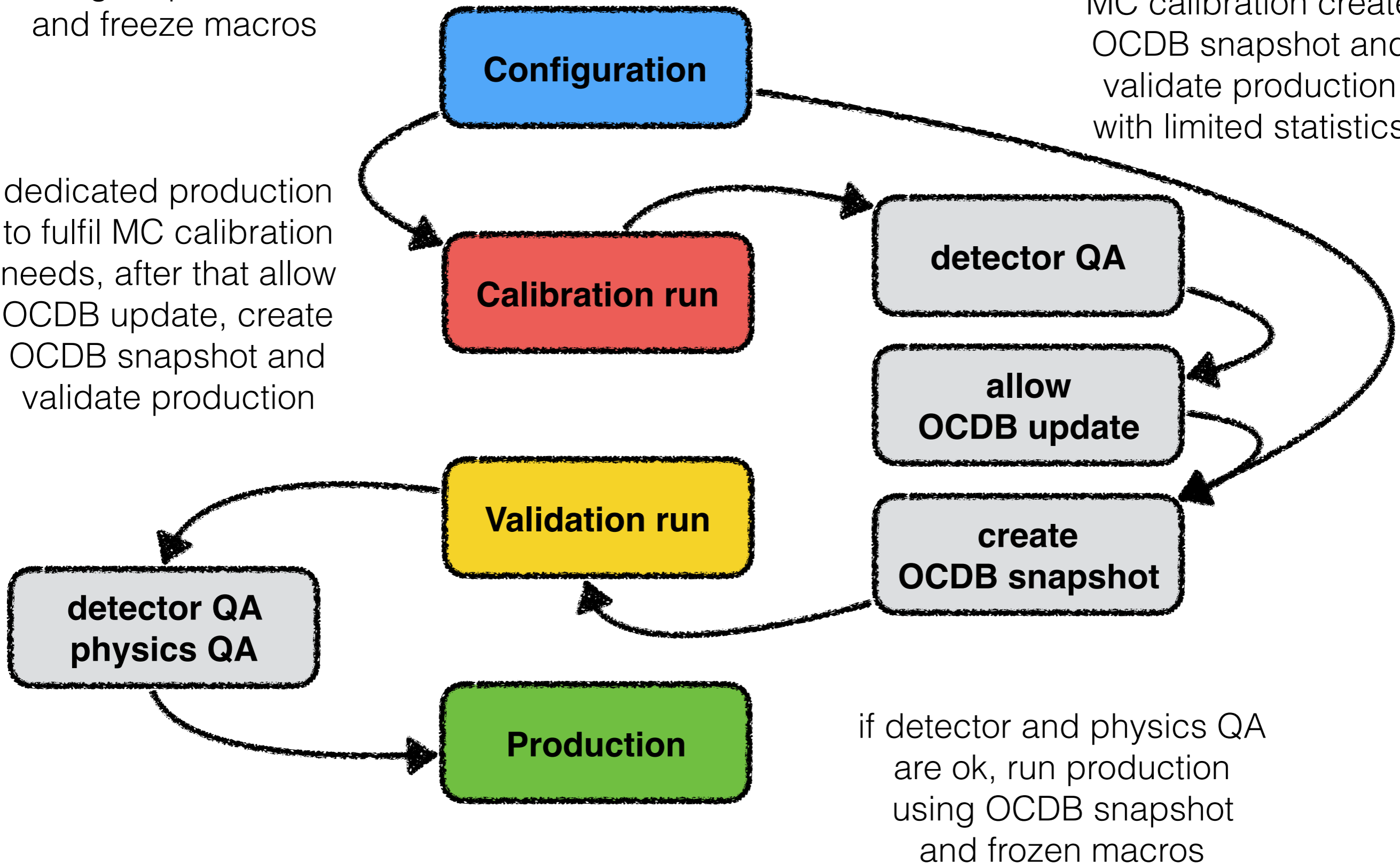


MC production strategy

configure production and freeze macros

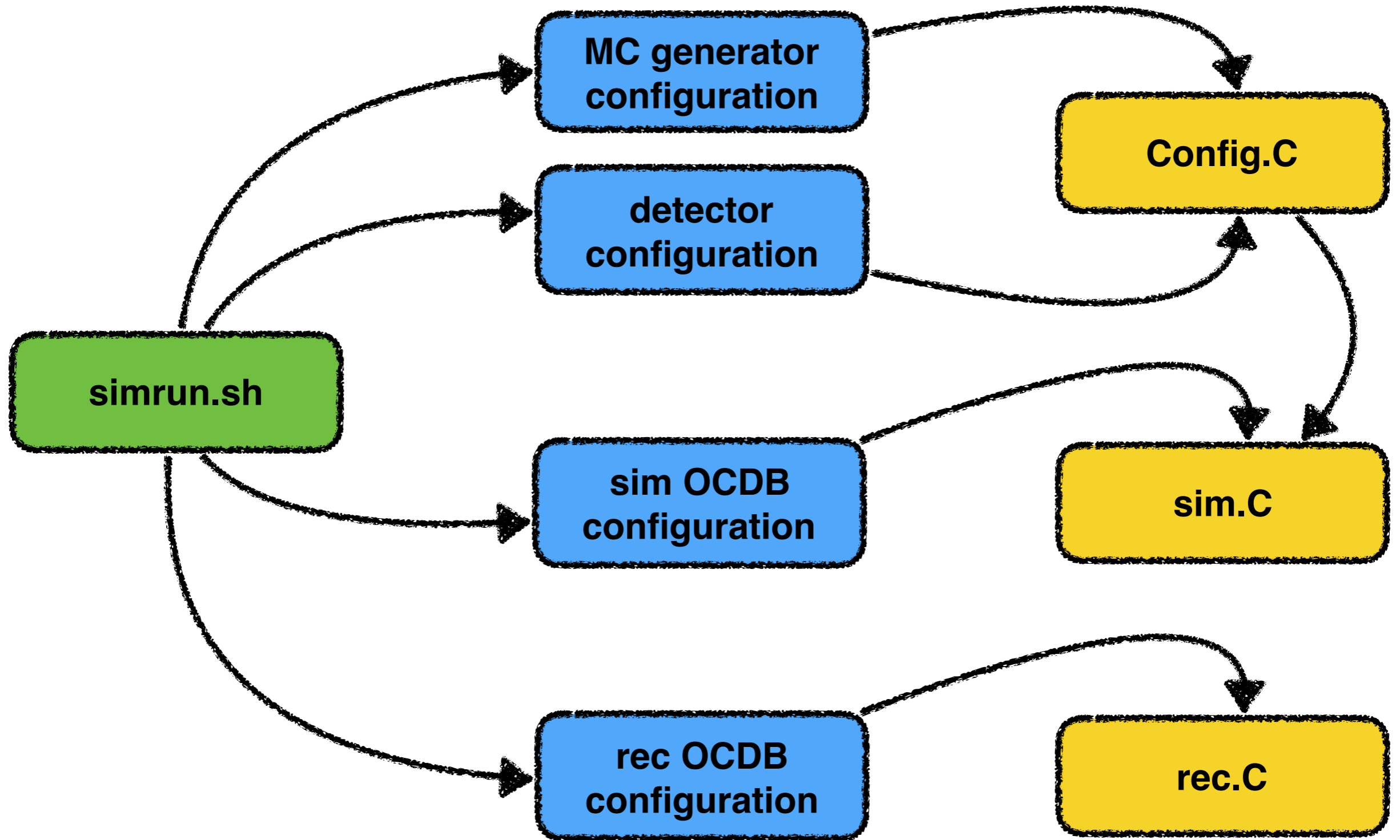
if no detectors need MC calibration create OCDB snapshot and validate production with limited statistics

dedicated production to fulfil MC calibration needs, after that allow OCDB update, create OCDB snapshot and validate production



if detector and physics QA are ok, run production using OCDB snapshot and frozen macros

MC production configuration



MC production configuration

- **simrun.sh**
 - steers everything as usual
 - mandatory arguments: [run] [process]
 - optional argument: [energy] [detector] [OCDB] [events]
- **Config.C**
 - loads the requested MC generator configuration via [run] [process]
 - loads the requested detector configuration via [run] [detector]
- **sim.C**
 - loads the requested OCDB configuration via [run] [OCDB]
 - runs the simulation with the requested number of events/job [events]
- **rec.C**
 - loads the requested OCDB configuration via [run] [OCDB]
 - runs the reconstruction

MC generator configuration

user can select among

- **standard MC processes**
 - selected via `kGenerator[tag]`
 - automatic system and energy configuration (run number)
 - configuration certified by DPG
 - implemented in `GeneratorConfig.C`
 - located in common directory (AliEn or in AliRoot)
- **custom MC process**
 - selected via `kGeneratorCustom`
 - configuration is user responsibility
 - implemented in `GeneratorCustom.C`
 - located in current production directory (AliEn)

Detector configuration

user can select among

- **standard detector configurations**
 - selected via `kDetector[tag]`
 - `kDetectorDefault` for automatic configuration (run number)
 - configuration certified by DPG
 - implemented in `DetectorConfig.C`
 - located in common directory (AliEn or in AliRoot)
- **custom detector configuration**
 - selected via `kDetectorCustom`
 - configuration is user responsibility
 - implemented in `DetectorCustom.C`
 - located in current production directory (AliEn)

OCDB configuration

user can select among

- **standard OCDB configurations**
 - selected via `kOCDB[tag]`
 - `kOCDBDefault` for automatic configuration (run number)
 - configuration certified by DPG
 - implemented in `OCDBConfig.C`
 - located in common directory (AliEn or in AliRoot)
- **custom OCDB configuration**
 - selected via `kOCDBCustom`
 - configuration is user responsibility
 - implemented in `OCDBCustom.C`
 - located in current production directory (AliEn)