

Gaudi route in SPD

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Prerequisites

- OS — CentOS7 → 8
- Compiler — gcc-9 ? -10 ?? -11 ?? other ?
- Building system - cmake (system? Or shipped with the software&)
- Distribution:
 - CVMFS
 - Containers (docker/podman, singularity)
 - Source from git repository

Stage 1

External libs
(Geant4, ROOT, Generators, ...)

Stage 2

Gaudi

Stage 3

G4Svc

MagField

Geometry &
Materials

EDM

Stage 4

GenInterface

Simulation

McHitProducers

Stage 5

RecHitProducers

Tracking

Ecal
Clustering

Rs
Clustering

Stage 6

Vertex

Secondary
Vertex

T0

PID

???

Name???

- SPEED (Valery)
- ??
- ??
- ??

Please send me your suggestions before the end of September. Then we vote and decide.