

Coordinating Fast and Full Simulation

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Detector Description

- Merger of GDML and EDML?
 - both XML-based
 - different scope
 - GDML=simulation, EDML=simulation+reconstruction
- Generate EDML from GDML?
 - Simplification of geometry
 - introduction of measurements
- Generate GDML from EDML?
- Comparison of EDML and GDML
 - Find inconsistencies

Background Frame

- Need full simulation to describe machine backgrounds
 - Details of beam elements important
 - Huge number of particles
- How to describe background
 - Localized energy deposits?
 - Trajectories of particles?
- How to represent background in code
 - root trees?