Introduction

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CERN
2022-03-08
acts-project/acts
Merged PRs
acts-project/acts: PRs merged since 2022-03-01

- **fix:** Remove rMinMiddleSP and rMaxMiddleSP in the SeedFinder config (PR#1175)
  by @LuisFelipeCoelho, merged on 2022-03-01

- **fix:** Fixing units in SeedFinderConfig (PR#1176)
  by @LuisFelipeCoelho, merged on 2022-03-02

- **fix:** Assertion failure in propagation example (PR#1180)
  by @paulgessinger, merged on 2022-03-02

- **build:** Allow forcing assertions (PR#1182)
  by @paulgessinger, merged on 2022-03-03
acts-project/acts
Open PRs (non WIP)
feat: Gaussian Sum Filter (PR#1134) 
by @benjaiminhuth, updated on 2022-03-08

fix: Fix issue with applying transformation to bevelled cylinders (PR#1185) 
by @noraemi, updated on 2022-03-07

feat: Implement blocked matrix multiplication (PR#1184) 
by @stephenswat, updated on 2022-03-07

feat: Improvements to Cuboid Volume Builder (PR#1166) 
by @pbutti, updated on 2022-03-02

build: Remove bundled dependencies in favor of CMake FetchContent (PR#1177) 
by @paulgessinger, updated on 2022-03-02

fix: Coulombs Unit (PR#1179) 
by @CarloVarni, updated on 2022-03-01
- feat: Custom z bin search order ([PR#1169](https://github.com/LuisFelipeCoelho/custom-z-bin-search-order))
  by @LuisFelipeCoelho, updated on 2022-03-01

- feat: Curvature sorting in SeedFilter ([PR#1168](https://github.com/LuisFelipeCoelho/curvature-sorting-in-seedfilter))
  by @LuisFelipeCoelho, updated on 2022-03-01

- refactor: transformCoordinates methods without InternalSpacePoint class ([PR#1173](https://github.com/CarloVarni/transformcoordinates-methods-without-internalspacepoint))
  by @CarloVarni, updated on 2022-02-22

- feat: Restrict json surface writer to specific layers optionally ([PR#1170](https://github.com/asalzburger/restrict-json-surface-writer-to-specific-layers))
  by @asalzburger, updated on 2022-02-18

- fix: Bug when sorting the SP in SeedFinder ([PR#1143](https://github.com/LuisFelipeCoelho/fix-bug-when-sorting-the-sp-in-seedfinder))
  by @LuisFelipeCoelho, updated on 2022-02-17
acts-project/acts
No issues opened since 2022-03-01
acts-project/acts
Stale Issues and PRs
feat: global chi2 fitter / GX2F (PR#1099)  
by @r4lv, updated on 2022-02-25

Bug: issue on first build after DD4hep update on system with globally installed acts (Issue#1139)  
by @gagnonlg, updated on 2022-02-22

Feat: Radial bounds in DD4hep plugin (Issue#822)  
by @whit2333, updated on 2022-02-19

feat!: EXPERIMENTAL! world without layers (PR#1039)  
by @asalzburger, updated on 2022-02-16

Add example (+test) for vertex fitting with constraints (Issue#1100)  
by @paulgessinger, updated on 2022-01-07

Vertexing issues observed in python vertexing example (Issue#1091)  
by @paulgessinger, updated on 2021-12-31
Some writers performs their writes in the destructor (Issue#881)
by @paulgessinger, updated on 2021-12-11

2D r-z Magnetic Field Map Improperly Read (Issue#669)
by @osbornjd, updated on 2021-12-06

Should seed finding tools have a higher-level interface? (Issue#988)
by @stephenswat, updated on 2021-11-25

[bug] Off axis endcap with dd4hep plugin. (Issue#942)
by @whit2333, updated on 2021-11-25

Improvement: Estimate track parameters from seed at perigee surface
(Issue#1036)
by @XiaocongAi, updated on 2021-11-10

Polyhedron surfaces tests are disabled (Issue#454)
by @msmk0, updated on 2021-11-04
acts-project/acts: Stale Issues / PRs III

- Tracking for TPC/DC without surfaces (Issue#165)
  by @FabianKlimpel, updated on 2021-11-04

- BoundingBox tests fail on double precision (Issue#752)
  by @paulgessinger, updated on 2021-11-04

- Debug Information in Acts Seeder (Issue#944)
  by @osbornjd, updated on 2021-10-21

- fix: avoid double-static cast (Issue#647)
  by @asalzburger, updated on 2021-10-21
Contributions today I

- PR Recap
  by Paul Gessinger
- Round table