

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)

acts-project/acts: Open PRs (non WIP) I

- **feat: Gaussian Sum Filter** ([PR#1134](#))
by [@benjaminhuth](#), 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

acts-project/acts: Open PRs (non WIP) II

- **feat: Custom z bin search order** ([PR#1169](#))
by [@LuisFelipeCoelho](#), updated on 2022-03-01
- **feat: Curvature sorting in SeedFilter** ([PR#1168](#))
by [@LuisFelipeCoelho](#), updated on 2022-03-01
- **refactor: transformCoordinates methods without InternalSpacePoint class** ([PR#1173](#))
by [@CarloVarni](#), updated on 2022-02-22
- **feat: Restrict json surface writer to specific layers optionally** ([PR#1170](#))
by [@asalzburger](#), updated on 2022-02-18
- **fix: Bug when sorting the SP in SeedFinder** ([PR#1143](#))
by [@LuisFelipeCoelho](#), updated on 2022-02-17

acts-project/acts

No issues opened since 2022-03-01

acts-project/acts
Stale Issues and PRs

acts-project/acts: Stale Issues / PRs I

- **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

acts-project/acts: Stale Issues / PRs II

- **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**