

Acts PR & Issue Recap

Robert Langenberg

University of Massachusetts

robert.langenberg@cern.ch

May 31, 2022

Overview

- 1 acts-project/acts
Merged PRs
- 2 acts-project/acts
Open PRs (non WIP)
- 3 acts-project/acts
Issues opened since 2022-05-24
- 4 acts-project/acts
Stale Issues and PRs
- 5 acts-project/acts
All stale Issues and PRs

- **feat: GSF python example** (PR#1232)
by @benjaminhuth, merged on 2022-05-24
- **feat: ITk seedFilter integration and seed quality confirmation** (PR#1201)
by @LuisFelipeCoelho, merged on 2022-05-25
- **fix: Bug in xyz strip coordinates transformation** (PR#1265)
by @LuisFelipeCoelho, merged on 2022-05-25
- **feat: Adding features for sorting space points in r in (phi, z) grid** (PR#1267)
by @noemina, merged on 2022-05-30

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

- **fix: Add missing dependency in Exa.TrkX plugin** (PR#1276)
by @benjaminhuth, updated on 2022-05-31
- **WIP: refactor: SP builder update** (PR#1218)
by @toyamaza, updated on 2022-05-31
- **feat: Allow passing seed quality to seeds** (PR#1268)
by @noemina, updated on 2022-05-31
- **feat: EDM4hep reader** (PR#1260)
by @andiwand, updated on 2022-05-31
- **feat: configurable phi values in grid construction** (PR#1275)
by @noemina, updated on 2022-05-30
- **feat: Add Profiling Support with gperftools** (PR#1274)
by @Scott-James-Hurley, updated on 2022-05-27
- **feat: fast clusterization** (PR#1190)
by @gagnonlg, updated on 2022-05-25

- **ci: Reduce ccache limit to 150MB** (PR#1270)
by @paulgessinger, updated on 2022-05-24
- **fix: Add another compat fix for clang+libstdc++** (PR#1269)
by @paulgessinger, updated on 2022-05-24
- **feat: RKN-monitoring to AtlasStepper, change type int-*i*size_t**
(PR#1264)
by @AJPfleger, updated on 2022-05-23

- **nodeps build fail** (Issue#1271)
by @gagnonlg, updated on 2022-05-27
- **Add CPU Profiling Tool To ACTS** (Issue#1273)
by @Scott-James-Hurley, updated on 2022-05-26

- **Cut tube segment dd4hep conversion tests** (Issue#1146)
by @rahmans1, updated on 2022-05-25
- **feat: global chi2 fitter / GX2F** (PR#1099)
by @r4lv, updated on 2022-05-25

- **Cut tube segment dd4hep conversion tests** (Issue#1146)
by @rahmans1, updated on 2022-05-25
- **feat: global chi2 fitter / GX2F** (PR#1099)
by @r4lv, updated on 2022-05-25
- **Bug: fatras different particle final states between python and executable** (Issue#1221)
by @CouthuresJeremy, updated on 2022-05-01
- **ci: Coverage job is broken with gcovr $\mu = 5.1$** (Issue#1211)
by @paulgessinger, updated on 2022-04-29
- **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
- **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
- **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