

Introduction

Paul Gessinger






CERN

2022-05-03 - ACTS Developer Meeting




acts-project/acts
Merged PRs

acts-project/acts: PRs merged since 2022-04-26 |






-  Merged **chore: update ODD version (PR#1236)**
by @asalzburger, merged on 2022-04-27
-  Merged **ci: Use semantic PR action instead of app (PR#1235)**
by @paulgessinger, merged on 2022-04-27
-  Merged **fix: Material composition script: return 0 on success (PR#1234)**
by @paulgessinger, merged on 2022-04-28
-  Merged **ci: Decouple LCG and Ubuntu builds (PR#1222)**
by @paulgessinger, merged on 2022-04-28
-  Merged **feat: adding python based full chain example for the ODD (PR#1230)**
by @asalzburger, merged on 2022-04-28

acts-project/acts: PRs merged since 2022-04-26 II





-  **Merged** feat: change the behaviour of `enableCutsForSortedSP` in `seedFinder` ([PR#1213](#))
by [@LuisFelipeCoelho](#), merged on 2022-04-28

acts-project/acts
Open PRs (non WIP)

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

-  **feat: GSF python example** ([PR#1232](#))
by [@benjaminhuth](#), updated on 2022-05-03
-  **feat: ITk seedFilter integration and seed quality confirmation** ([PR#1201](#))
by [@LuisFelipeCoelho](#), updated on 2022-05-03
-  **fix: Kf with atlas stepper** ([PR#1223](#))
by [@Corentin-Allaire](#), updated on 2022-05-03
-  **ci: Physmon follow up: enable failure again** ([PR#1237](#))
by [@paulgessinger](#), updated on 2022-05-03
-  **refactor: SP builder update** ([PR#1218](#))
by [@toyamaza](#), updated on 2022-05-03

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

-  **feat: arithmetic cotTheta average for ITk strips in seedFinder (PR#1240)**
by @LuisFelipeCoelho, updated on 2022-05-02
-  **ci: Clang tidy 2022 (PR#1208)**
by @paulgessinger, updated on 2022-05-02
-  **refactor: Add nonlinear correction in KF (PR#1233)**
by @XiaocongAi, updated on 2022-05-02
-  **perf: Tile 8x8 covariance matrix multiplication (PR#1181)**
by @stephenswat, updated on 2022-04-29

acts-project/acts
Issues opened since 2022-04-26

acts-project/acts: Issues opened since 2022-04-26 |

- **Python bindings: ship modules containing the 'addXYZ' functions** ([Issue#1242](#))
by [@paulgessinger](#), updated on 2022-05-03
- **Magnetic Field Storage** ([Issue#1239](#))
by [@osbornjd](#), updated on 2022-04-29
- **Bug: Probable Issues in Bevelled Cylinder Implementation** ([Issue#1238](#))
by [@rahmans1](#), updated on 2022-04-29

acts-project/acts
Stale Issues and PRs

acts-project/acts: New stale Issues / PRs since 2022-04-26 I

- **Bug: fatras different particle final states between python and executable** ([Issue#1221](#))
by [@CouthuresJeremy](#), updated on 2022-05-01
- **feat: Remove Clusterization.hpp/ipp** ([Issue#1219](#))
by [@gagnonlg](#), updated on 2022-04-30
- **Gain Matrix Update fails sometimes for the ODD** ([Issue#1215](#))
by [@paulgessinger](#), updated on 2022-04-29
- **ci: Coverage job is broken with gcovr >= 5.1** ([Issue#1211](#))
by [@paulgessinger](#), updated on 2022-04-29

acts-project/acts
All stale Issues and PRs

acts-project/acts: All stale Issues / PRs I

- **Bug: fatras different particle final states between python and executable** ([Issue#1221](#))
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by [@paulgessinger](#), updated on 2022-04-29
- **Gain Matrix Update fails sometimes for the ODD** ([Issue#1215](#))
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

acts-project/acts: All stale Issues / PRs II

- **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

acts-project/acts: All stale Issues / PRs III

- **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

acts-project/acts: All stale Issues / PRs IV

- **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