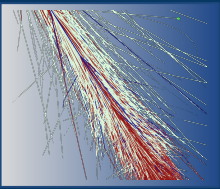


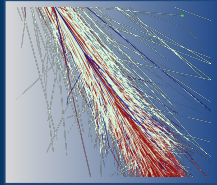
CORSIKA 8

Ralf Ulrich, 5.11.2020



- Welcome
- New contributors/collaborators
- Conferences 2021
 - ICRC 2021
 - CORSIKA Workshop 2021

Recent work



Add medium type, as new property (air, water, rock...)

!265 · opened 4 weeks ago by Ralf Ulrich

Development

EM

Ready for code review

MERGED ✓ 👤 Approved 🗨️ 29

updated 1 week ago

Update documentation

!263 · opened 1 month ago by Ralf Ulrich

Discussion

Documentation

Ready for code review

MERGED ✓ 🗨️ 0

updated 1 week ago

Resolve "Distinguish between alternative interaction processes and competing processes" 9 of 9 tasks completed

!269 · opened 3 weeks ago by Ralf Ulrich

🕒 First full release: CORSIKA 8.0.0

Comments requested

Development

Discussion

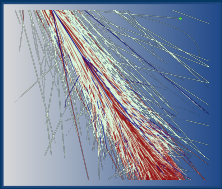
Important

Ready for code review

MERGED ✓ 👤 27

updated 1 week ago

Ongoing work



Draft: Magnetic Tracking 0 of 8 tasks completed

I275 · opened 23 hours ago by Ralf Ulrich ⌚ Project prototype structure 2 (refactoring) Development Important Media Refactory

updated 4 hours ago

Resolve "Add number of calls in Process interface" 9 of 9 tasks completed

I276 · opened 2 weeks ago by Dominik Baack ⌚ Project prototype structure 2 (refactoring) Code review finished Comments requested Development Feature request Ready for code review Refactory

updated 4 hours ago

Interface to the TAUOLA library for tau lepton decays.

I200 · opened 5 months ago by Remy Prechelt ⌚ Project prototype structure 2 (refactoring) Code review finished Development Ready for code review Refactory

updated 4 hours ago

WIP: Resolve "Provide simple process example"

I154 · opened 1 year ago by Maximilian Reininghaus Documentation Feature request

updated 2 days ago

WIP: Initial implementation of (draft) radio emission interface class.

I202 · opened 5 months ago by Remy Prechelt ⌚ Radio Emission Comments requested Discussion radio workshop discussion

updated 1 week ago

WIP: Initial implementation of a C8 Python interface with working EAS example.

I221 · opened 3 months ago by Remy Prechelt Comments requested

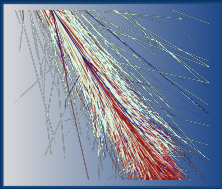
updated 1 week ago

WIP: Resolve "Test with larger variety of distributions/compilers"

I95 · opened 1 year ago by Lukas Nellen ⌚ ICRC2019 Discussion Feature request

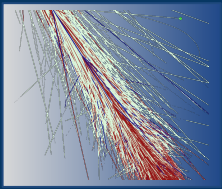
updated 1 week ago

Updated Coding Guidelines



- <https://gitlab.ikp.kit.edu/AirShowerPhysics/corsika/-/wikis/Coding-Conventions-and-Guidelines>

Refractory Roadmap



- <https://gitlab.i kp.kit.edu/AirShowerPhysics/corsika/-/wikis/Refractory2020>