RNTuple 2024 Workshop Closing

2024-12-03

ROOT

Data Analysis Framework

https://root.cern

- 2024 was a critical year for RNTuple
  - Came from not being able to store any CMS data products except nano to being able to store all of them
  - Many more important challenges solved, in important areas for multiple experiments
  - ➜ Released the first stable on-disk format in time!

- I believe we had many open questions at the end of last year...
  - ... and we have a full plan of work (even beyond 2025) by the end of this year
  - Solved enough problems to have confidence that we can solve the remaining ones, too

- We are entering a new phase in the RNTuple life cycle
  - Transition to production comes with maintenance responsibility: support, training, bug fixes
  - Expect slower pace regarding new functionality

- We would like to stay focused for 2025: release production APIs (ROOT v6.36), schema evolution, *joins, attributes (to be properly scoped)*
  - Lower priority: S3, horizontal merge, checkpoint, C API, intra-event links

- Thank you very much for your continued support and collaboration!
  - We'd like to keep a regular channel with I/O experts of the experiments; and the occasional workshop to bring together I/O experts from multiple experiments

Thank you very much for coming! We hope it was useful.