RNTuple Workshop 2024: Introduction

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ROOT

Data Analysis Framework

https://root.cern

Welcome to the RNTuple 2024 workshop!

- Two afternoons

  - Monday: focus on interfaces

    - HEP-CCE API Review: final report and follow-up

    - Status and plans of joins

    - Status of Python accessibility for RNTuple

  - Tuesday: focus on functional parts

    - Status of schema evolution

    - Metadata: design proposal

    - Special I/O containers: SoA, streaming vector

    - Priorities for 2025

Agenda:
https://indico.cern.ch/event/1468611/
Zoom:
https://cern.zoom.us/j/65589426720?pwd=EjtXOCWK9gNuLk1X9GjgisYZEg6iTz.1
Live notes:
https://codimd.web.cern.ch/ieeNyP-1QD62jALjCraIVw#

- This workshop has a different scope than the "feature and format assessment" we had last year
  - Last year's workshop defined the path to "RNTuple 1.0"
  - The RNTuple stable on-disk format was released with ROOT v6.34
    - On time wrt timeline announced to the LHCC and experiments

- This years workshop has the following goals
  - **Conclude the HEP-CCE API review** and define follow-up actions
  - **Discuss new ideas** and possible development approaches
    - Many of the presented topics are at an early R&D state
    - We would like to ensure that the designs are aligned with experiments needs
  - Discuss **priorities for 2025**

- Today and tomorrow in 37/R-022
  - Close to restaurant 2 for coffee breaks

- Monday and Tuesday: we from the ROOT team will have lunch at R2. Please feel free to join us there!

- Today: dinner at 19h30 at Marifah
  - https://www.marifah-thai-restaurant.ch/
  - Please let us know if you want to come along!