

ROOT Users' Workshop



Contribution ID: 18

Type: **not specified**

ROOT I/O compression algorithms

Monday, 10 September 2018 16:20 (15 minutes)

We present an investigation into the usage of compression in the ROOT I/O subsystem and its impact on ROOT-related performance and file size. The goal of the talk is to explain how compression is used in ROOT and which algorithms could be most interesting in terms of ROOT performance, while describing pro and cons of compression algorithms in details. We provide a comparison analysis of ROOT compression algorithms as a results, delivered by ROOT I/O performance benchmarks.

Primary authors: BOCKELMAN, Brian Paul (University of Nebraska Lincoln (US)); SHADURA, Oksana (University of Nebraska Lincoln (US))

Presenter: SHADURA, Oksana (University of Nebraska Lincoln (US))

Session Classification: Input and Output of Scientific Datasets

Track Classification: Presentations