

RNTuple support in Scikit-HEP

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RNTuple is a new columnar data storage format with a variety of improvements over TTree. The first stable version of the specification became available in 6.34, at the beginning of the year. Thus, we have entered the transition period where our software migrates from TTrees to RNTuples. The Uproot Python library has stayed in the forefront of this transition, and already has fairly comprehensive support for reading and writing RNTuples. In this talk, I will briefly introduce the RNTuple format and its benefits, demonstrate how to use Uproot to read and write RNTuple data, and discuss current capabilities, limitations, and future work to support RNTuples in the rest of the Scikit-HEP ecosystem.

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