

RootIO.jl: a Julia I/O library for the ROOT framework

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RootIO.jl is a package that provides a high-level abstraction for I/O to the ROOT files. It provides a streamlined interface for creating, writing, and filling ROOT TTrees. With this new package, the user can easily write all primitive types, arrays, vectors and dataframes to a TTree in a row-wise manner, without worrying about references and pointers to the objects. The package implementation uses ROOT.jl. The presentation will focus on implementation details, usage and I/O examples. Plans for extending the current features will also be presented.

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