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uproot-custom: Customize branch data reading in Uproot

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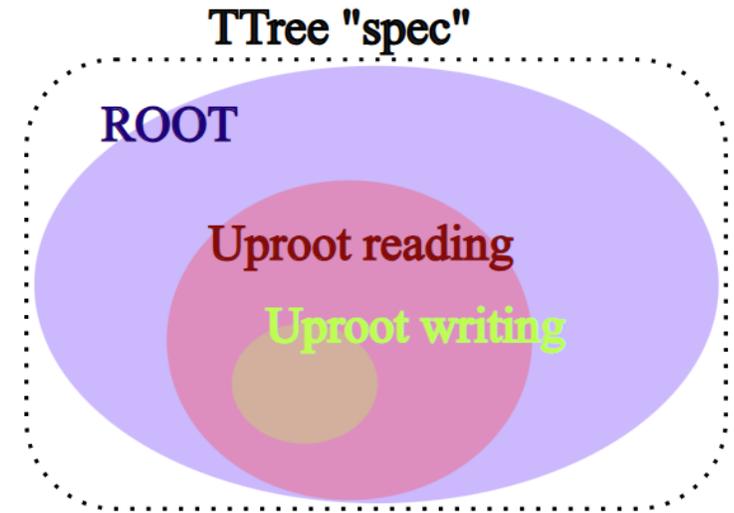
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Introduction

TTree reading in Uproot

- Uproot perfectly support most of the cases.
- It is too complicated to be fully supported by Uproot.
- Deep users of ROOT “custom classes” need time to transition to RNTuple.



(Andres' talk)

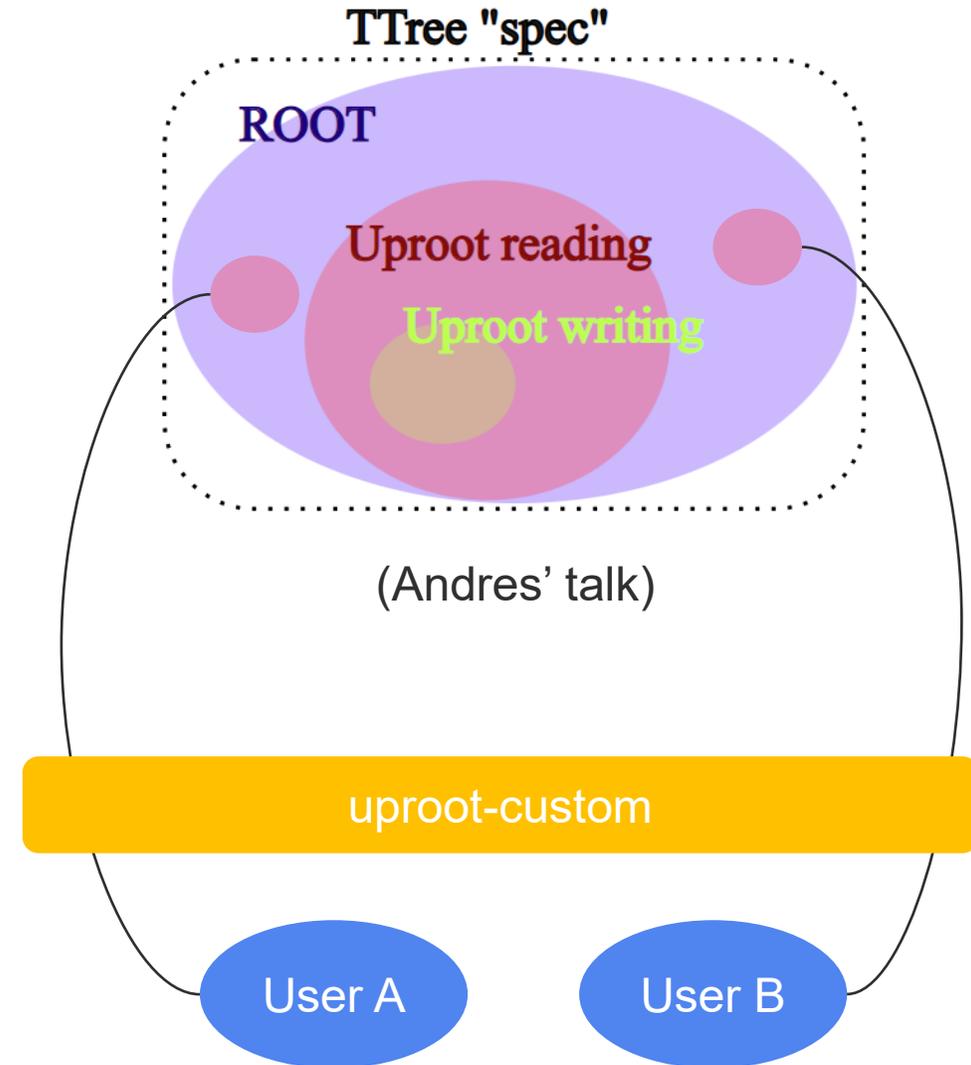
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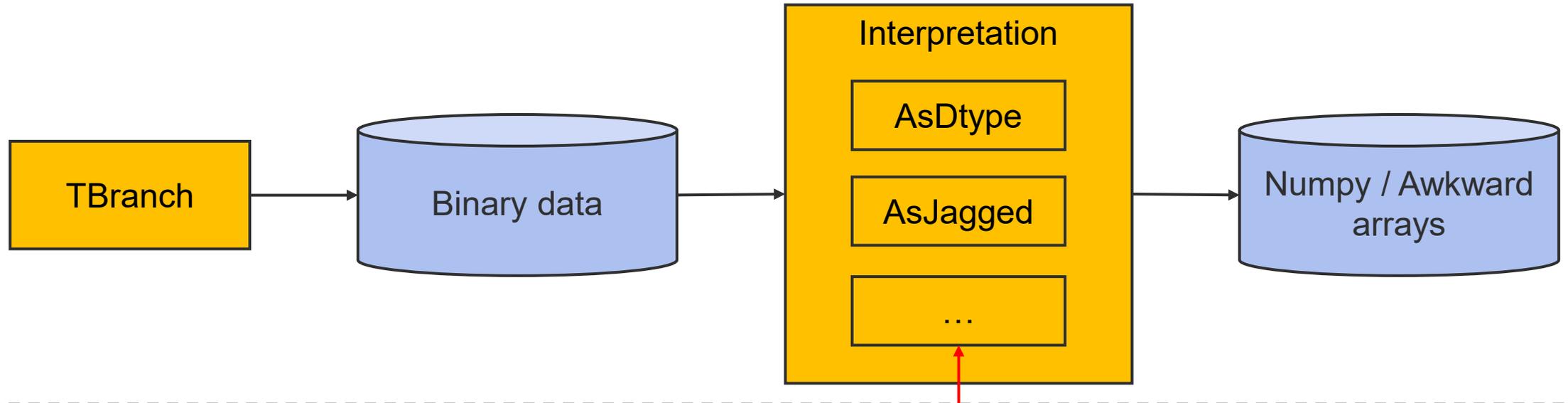
Uproot-custom:

- ~~Implements all the rest of TTree “specifications”.~~
- **Provides tools for users to meet their respective needs.**



Introduction

Uproot TTree reading



uproot-custom:

- Bases on “Interpretation”: **Good compatibility with Uproot’s reading features** (uproot.concatenate, uproot.iterate, ...)
- Python & C++ interfaces: Good flexibility and performance.

uproot-custom interfaces

- Python “factory”
- C++ “reader”