

ROOT

RNTupleTTreeChecker

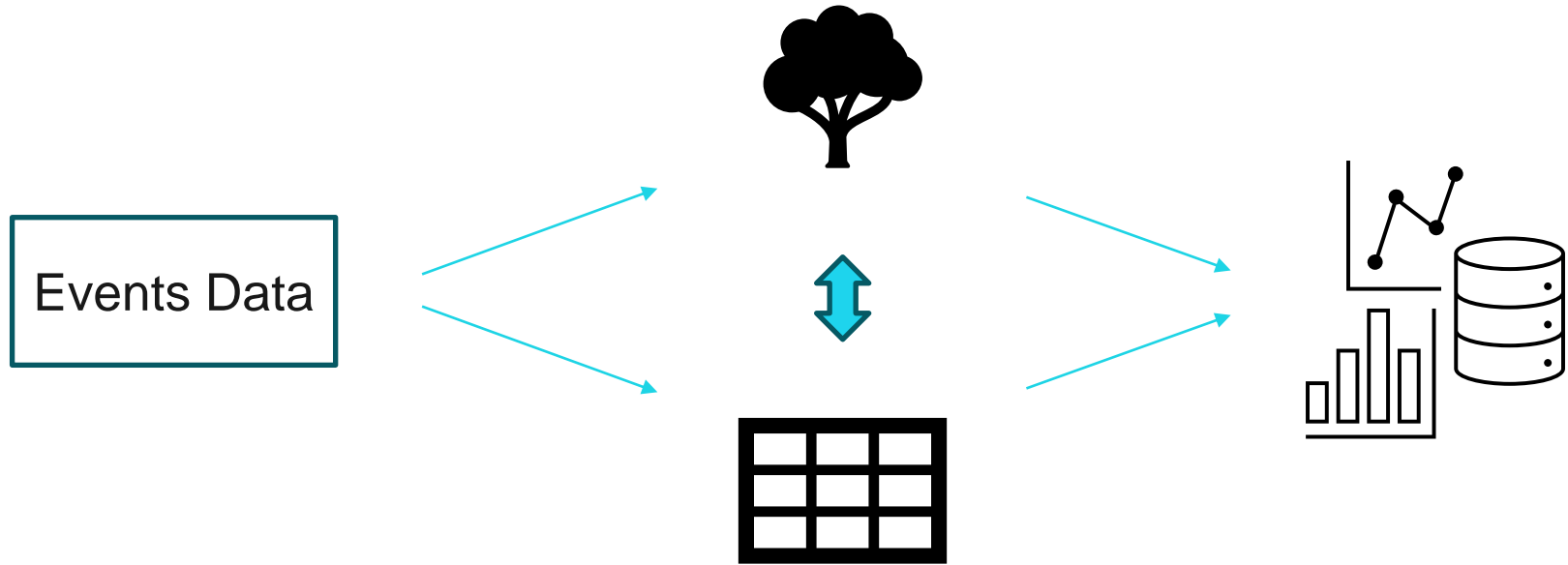
Ida Caspary

ROOT

Data Analysis Framework

<https://root.cern>

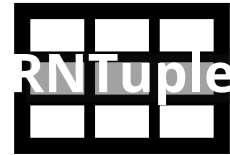
# TTree & RNTuple



# TTree & RNTuple



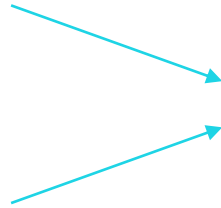
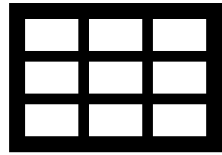
- Branches:  
Columns of data (variables)
- Entries:  
Rows of data (records)
- Leaves:  
Data values at end of branches



- Fields:  
Columns of data (variables)
- Entries:  
Rows of data (records)  
Including data values from  
leaves



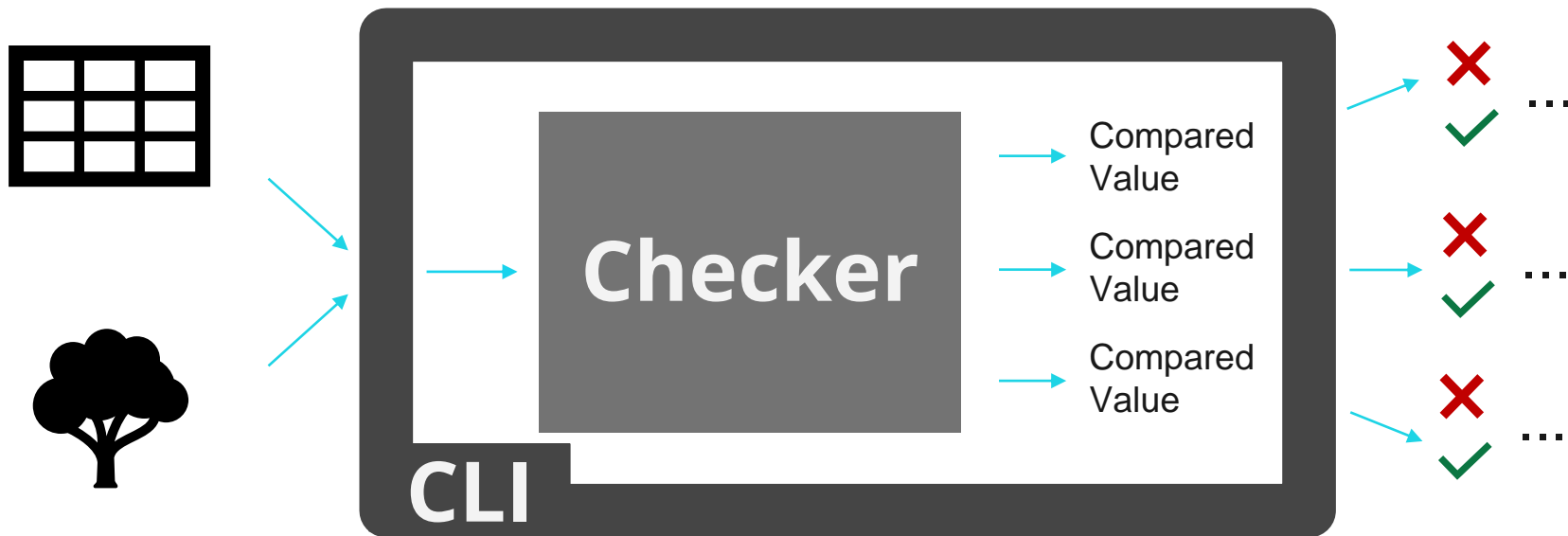
# Tool Structure



Comparisons



# Tool Structure



# Comparisons

## Structure:

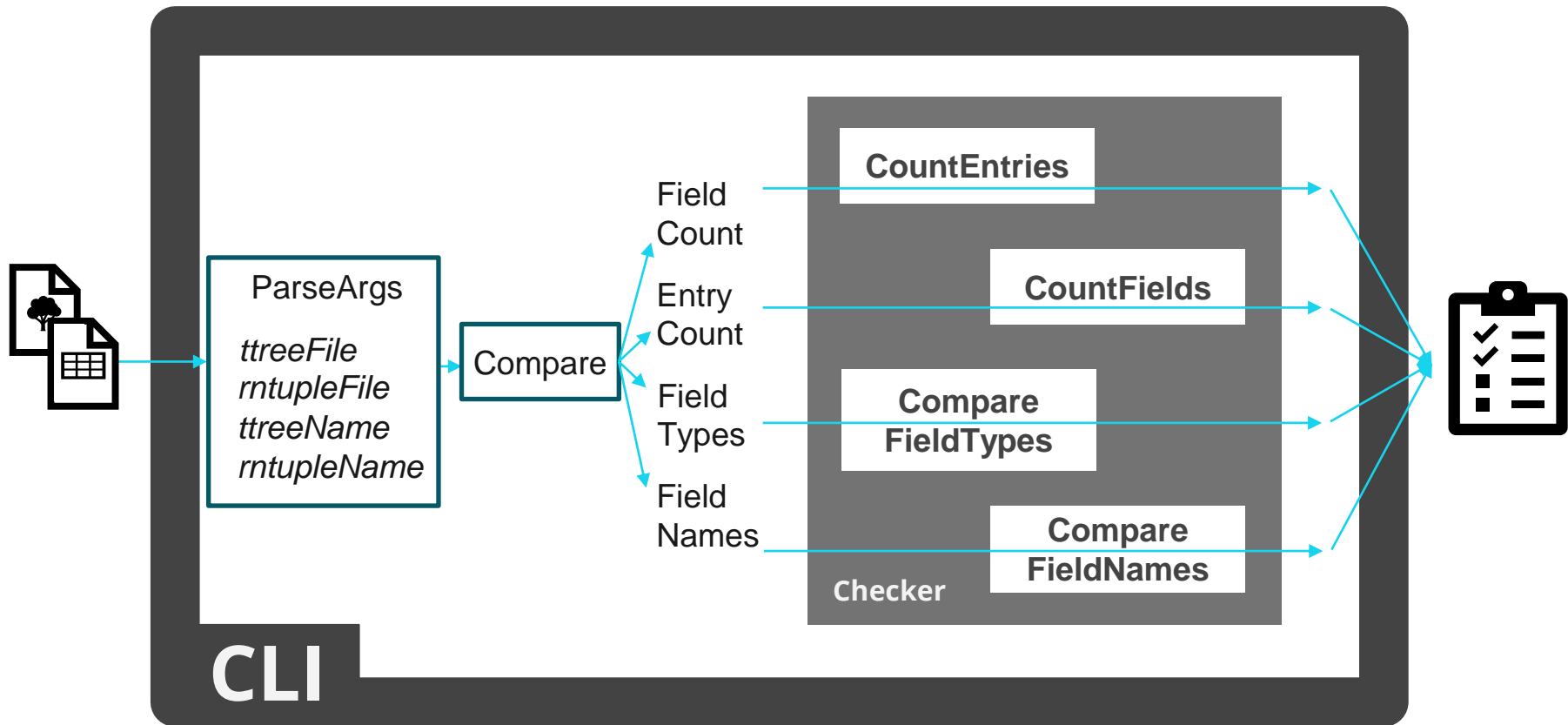
- # Entries
- # Fields

## Schema:

- Field Names
- Field Types



# Tool Structure

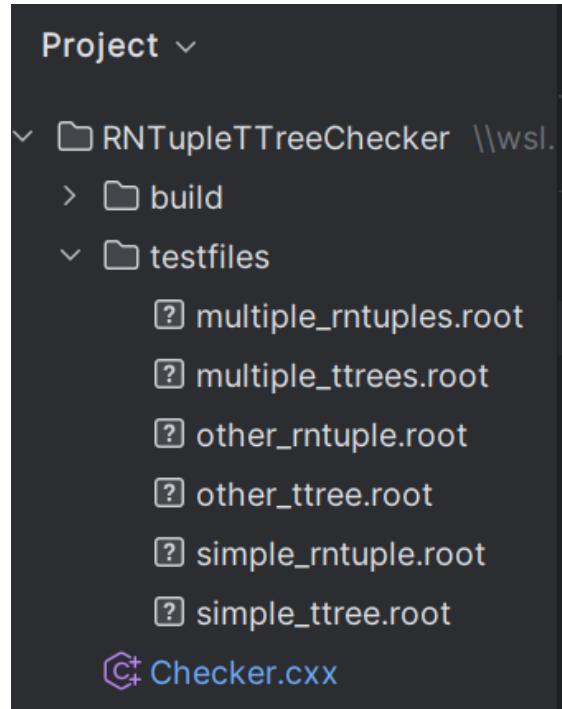


# Example At Play





# Validating the Tool



# Checker Plans

- Structure
- Schema
- Data



Other Ideas?

