<u>Input</u> tabular data file

chronological sort



<u>"unpack</u>ed"

chunk

NamPy 9 Numba

pybind11

build trie

collapse dropped unifs



Polars Output

JSON, etc.

e.g., Parquet, CSV,

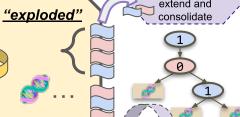
tabular data file

"phylogeny" alife data

standard

format

extract and decode hstrat markers



extend and

- estimate taxon origin times

unifurcations

postprocess

- collapse all

- convert to alife standard

"fossils" raw sim output w/ genome hex strings

e.g., Parquet, CSV, JSON. etc.