

user interface

ak.Array in Python

overrides NumPy's ufuncs
registered as a type in Numba

~~pybind11~~

tree structures

Python classes

Numba models

----- extern "C" interface -----

manipulation of
1D buffers

cpu-kernels

operate on CPU pointers

cuda-kernels

operate on GPU pointers

differentiated
kernels

CPU and GPU (maybe 2 boxes?)

