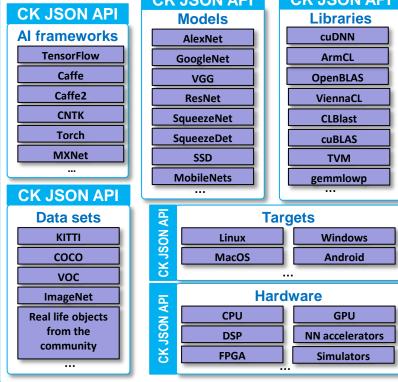
1) Repositories of customizable, portable and "plug&play" AI/SW/HW components with exposed design and optimization choices cKnowledge.org/ai

CK JSON API
Models
AlexNet
CLASSIN API
Libraries
CUDNN



2) Customizable workflow framework for automatic, full stack AI/SW/HW co-design Assemble scenarios such as image classification as LEGO™

CK JSON API

Models

Libraries

CK JSON API

Libraries

Libraries

3) Open ACM ReQuEST tournaments to share, run and optimize emerging workloads such as deep learning across diverse models, data sets and platforms with GPU,DSP,NN accelerators ...

cKnowledge.org/request







on different frontiers



configurations and workflows – they become available for further customization, optimization and reuse via CK

cKnowledge.org/repo

cKnowledge.org/repo

4) Live scoreboard to detect winning AI/SW/HW

Winners in different co-design categories

