

# Unified experimental pack in the CK format

**.ckr.json** - CK repo name, UID and deps on other CK repos

**module/** **program** / module.py – unified CK JSON API  
(functions: compile, run, autotune)

**dataset**

**package**

**result**

**jnotebook**

**.cm/** - UIDs for each CK module

**program/** zlib

zlib.cm/meta.json - JSON meta for all CK entries

zlib/ \*.c – program sources

classify-image

decode-video-stream

**.cm** - UIDs for each CK entry (similar to DOI)

**dataset/** image-jpeg-0001

video-frame-0001

**package/** compiler-gcc-7.1.0

compiler-llvm-4.0

plugin-llvm-sw-prefetch-pass

lib-caffe-master-cpu

lib-tensorflow-master-openccl

**result/** cgo2017-paper

zlib-autotuning-rpi3

**jnotebook/** cgo2017-workflow

cgo2017-graph

rpi3-gcc-autotuning