

into 2 level directories with auto-generated Unique ID, Python module (object API) and JSON meta information Example:

Programs zlib,bzip2,susan,caffe,tensorflow has common actions: compile, run, autotune

Convert code and data into CK repo (2 main dir. levels)

```
1 level
            2 level
  (API)
             (entry)
.ckr.json
                       - repo desc. including deps on other repos
 module /program /module.py – unified CK JSON API
                              (functions: compile, run, autotune)
 must be
```

of a program module /.cm/meta.json - JSON desc of zlib /* - UID for zlib

/.cm/meta.json – JSON description the same.

/*.c ... - program sources, build files

program /zlib

/.cm - UIDs for module and program .cm

(b)