<b>Soft entries</b> in CK describe how
to detect if a given software
is already installed, how to set up
all its environment including
all paths to binaries, libraries,
include, aux tools, etc,
and how to detect its version

\$ ck list soft:compiler\*

\$ ck detect soft:compiler.gcc

\$ ck detect soft --tags=compiler,gcc

\$ ck detect soft:compiler.llvm

\$ ck search soft --tags=rtl,codelet

\$ ck detect soft:lib.rtl.milepost.codelet

in CK local repo for all found software instances together with their meta and an auto-generated environment script env.sh (on Linux) or env.bat (on Windows)

\$ ck show env

\$ ck show env -tags=gcc

\$ ck rm env:\* -tags=gcc

Local CK repo

Package entries describe
how to install a given software
if it is not already installed
(using CK Python plugin together
with install.sh script on Linux host
or install.bat on Windows host)

\$ ck list ck-autotuning:package:\*

\$ ck list package:\*rtl\*

\$ ck search package -tags=rtl

\$ ck install package:lib-rtl-milepost-codelets

\$ ck install package:lib-rtl-xopenme