

## HW PROJECT

CONFIG\_ACTION HW

*Call Makefile in \$ACTION\_ROOT/hw*

*Print environmental variables*

PREPARE PROJECT

SNAP PREPROCESS

*Convert "FILE\_source" to "FILE"*

CREATE PROJECT

CREATE\_SNAP\_IPs

*Call "hardware/setup/create\_snap\_ip.tcl"*

CREATE HLS IPs

*Patch Version, Date, Card info*

CREATE FRAMEWORK

*Call "hardware/setup/create\_framework.tcl"  
Import all kinds of IPs*

COMPILE OCSE

COMPILE SOFTWARE

*Call Makefile in `software` to build libosnap and tools*

COMPILE APPLICATIONS

*Call Makefile in \$ACTION\_ROOT/sw*

BUILD <SIMULATOR> MODEL