

Kernel ClightX
source code:
 K_1, K_2, \dots, K_n

K_n spec

K_n code

CompCertX

K_n Asm code

P

Verification of
Kernel Code

K_1 spec

K_1 code

CompCertX

K_1 Asm code

$K_2 \dots K_n$

Layer L_0

*New Certified
Compiler*

Layered Specification

Other Asm code P

Layer L_n

L_n primitives

Asm

L_n abs-state

Layer
Refinement

L_1 primitives

Asm

L_1 abs-state

L_0 primitives

Asm

L_0 abs-state

