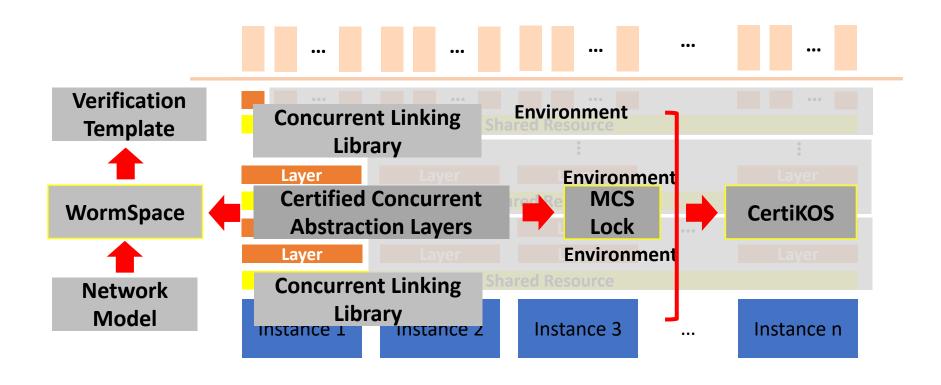
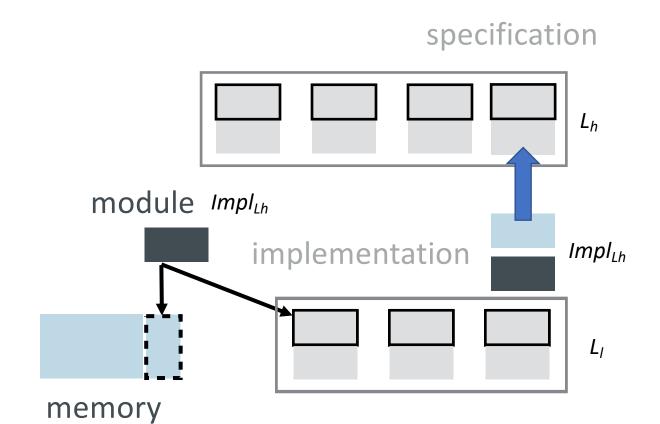


Requires correctness of composition

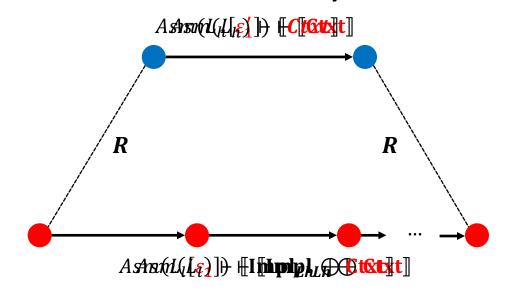


Certified Sequential Layer



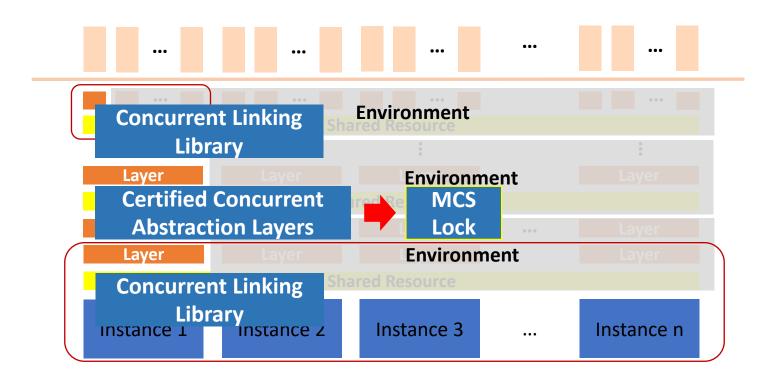
Concurrent Program Verification

Contextual refinement with abstraction layers

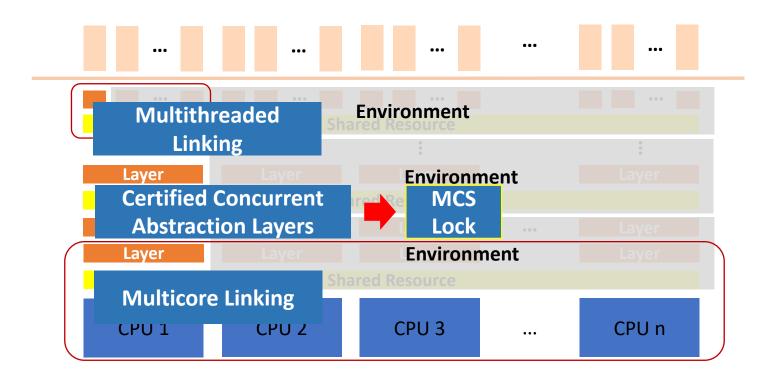


 $Asm(A_{\ell}[n_{l}]) + \|I[hph]_{l}\|_{L^{\infty}} + A_{\ell}[n_{l}] + \|I[hph]_{l}\|_{L^{\infty}} + A_{\ell}[n_{l}]\|_{L^{\infty}} + A_{\ell}[n_{l}]\|_{L^{\infty$

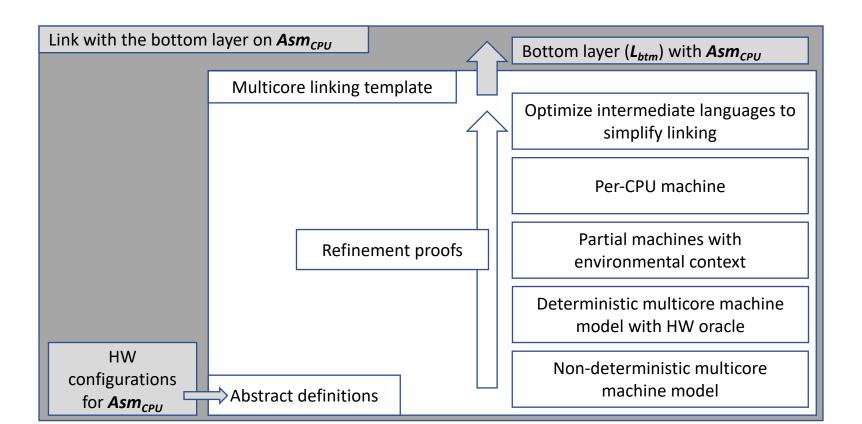
Concurrent Linking Library



Concurrent Linking Library



Multicore Linking



Multithreaded Linking

