

Optimize environmental context Introduce per-CPU machine Introduce partial machine and prove linking theorem

Connect CompCertX interface	
Optimize environmental context	$Mach_{sep}\big(MBoot[\mathit{cid}, \varepsilon_{\mathit{sep}}]\big) \vdash \llbracket CertiKOS \oplus Ctxt \rrbracket $
	$Mach_{reorder}(MBoot[\mathit{cid}, \varepsilon'_{reorder}]) \vdash \llbracket CertiKOS \oplus Ctxt \rrbracket$
	Mach _{reorder} (MBoot[cid , $\varepsilon_{reorder}$]) \vdash [CertiKOS \oplus Ctxt]
	$Mach_{split}(MBoot[\mathit{cid}, \varepsilon_{si}]) \vdash \llbracket CertiKOS \oplus Ctxt \rrbracket$
	$Mach_{si_big'}(MBoot[\mathit{cid}, \varepsilon_{\mathit{si}}]) \vdash \llbracket CertiKOS \oplus Ctxt \rrbracket$
	$Mach_{si_big}(MBoot[\mathit{cid}, \varepsilon_{\mathit{si}}]) \vdash \llbracket CertiKOS \oplus Ctxt \rrbracket$
	$Mach_{si}(MBoot[\mathit{cid}, \varepsilon_{\mathit{si}}]) \vdash \llbracket CertiKOS \oplus Ctxt \rrbracket$
Introduce per-CPU machine	
типовито регионалите	$Mach_{env[\mathit{cid}]}(MBoot[\mathit{cid}, \varepsilon_{\mathit{si}}]) \vdash \llbracket CertiKOS \oplus Ctxt \rrbracket$
Introduce partial machine	
and prove linking theorem	$Mach_{env[\mathit{CoreSet}]}(\ _{\mathit{si}\in\mathit{CoreSet}} \ MBoot[\mathit{CoreSet}, \varepsilon_{\mathit{si}}]) \vdash [\![CertiKOS \oplus Ctxt]\!]$
Introduce bonducere estadad	$Mach_{oracle}(MBoot[\varepsilon_{\mathit{CoreSet}}]) \vdash \llbracket CertiKOS \oplus Ctxt \rrbracket$
Introduce hardware scheduler	Mach (MDact) "ContiNOS (D Ctyt)"
	$Mach_{mc}(MBoot) \vdash [CertiKOS \oplus Ctxt]$

 $Mach_{LAsm}(MBoot[cid, \varepsilon_{cid}]) \vdash [CertiKOS \oplus Ctxt]$



