



E-FINISH1
Current task becomes inactive, awaits new task
Currently ocap -> new also ocap -> no problem
Currently not ocap -> current becomes inactive, new also not ocap
-> no problem
 \ <u>_ L\</u>
E-FINISH2
if task was not ocap -> no non-ocap active tasks exist (only it and its direct
ancestors are allowed to be non-ocap. I.e. if no active tasks exist, only this in-
active task does) -> This task becomes the new non-ocap active task
 E-TASK-DONE
Only one non-ocap active task:
If task was non-ocap
-> No active non-ocap task exists
-> Its parent might become next (see E-FINISH2), otherwise everything is ocap
-> its parent might become next (see E-FilvisHz), otherwise everything is ocap
E DOV (CADTUDE (CM/AD
E-BOX/CAPTURE/SWAP
only one non-ocap active task trivial.
Removing tasks does not invalidate any invariant
We also have to show preservation of Task-level invariants when applying the frame and frame stack level
rules.
idOrdering(WS): WS is not modified by any rule other than those mentioned above
finishUniqueness(WS): Same
allButOneOcap(TS, WS): Framestacks preserve ok-ness, effect is also preserved
isolated(H, TS, WS): See isolation proof
Isolateu(11, 13, W3). See Isolation proof