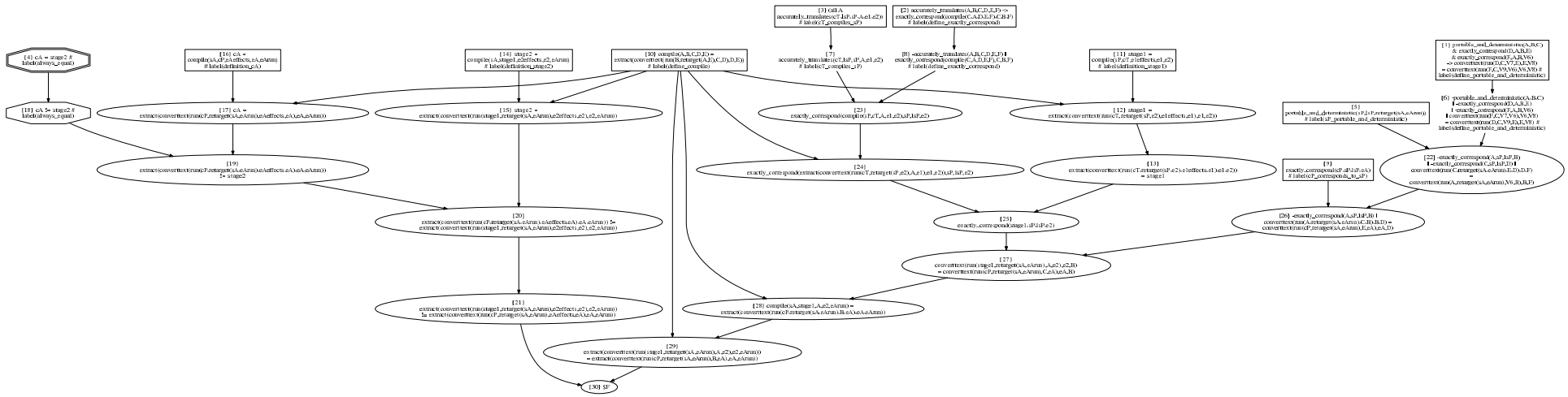
[4] cA = stage2 # label(always_equal)
[16] cA = compile(sA,sP,e3effects,eA,eArun) # label(definition_g-cA)
[14] stage2 = compile(sA,stage1,e2effects,e2,eArun) # label(definition_g-stage2)
[10] compile(A,B,C,D,E) = extract(convertext(run(B,retarget(A,E)),C,D),D,E)) # label(define_compile)
[3] GH A accurately_translates(cT,IsP,iP,A,e1,e2)) # label(cT_compiles_iP)
[2] accurately_translates(A,B,C,D,E,F) -> exactly_correspond(compile(C,A,D,E,F),C,B,F) # label(define_exactly_correspond)
[7] accurately_translates(cT,IsP,iP,A,e1,e2) # label(cT_compiles_iP)
[8] -accurately_translates(A,B,C,D,E,F) exactly_correspond(compile(C,A,D,E,F),C,B,F) # label(define_exactly_correspond)
[11] stage1 = compile(iP,cT,e1effects,e1,e2) # label(definition_stage1)
[1] portable_and_deterministic(A,B,C) & exactly_correspond(D,A,B,E) -> convertext(run(D,C,V7,E),E,V8) = convertext(run(D,C,V9,V6),V8,V9) # label(define_portable_and_deterministic)
[18] cA = stage2 # label(always_equal)
[17] cA = extract(convertext(run(cP,retarget(sA,eArun),e3effects,eA),eA,eArun))
[15] stage2 = extract(convertext(run(stage1,retarget(sA,eArun),e2effects,e2),e2,eArun))
[23] exactly_correspond(compile(iP,cT,A,e1,e2),sP,IsP,e2)
[12] stage1 = extract(convertext(run(cT,retarget(sP,e2),e1effects,e1),e1,e2))
[5] portable_and_deterministic(cP,iP,retarget(sA,eArun)) # label(cP_portable_and_deterministic)
[6] -portable_and_deterministic(A,B,C) & -exactly_correspond(D,A,B,E) & exactly_correspond(F,A,B,V6) & convertext(run(F,C,V7,V6),V6,V8) = convertext(run(D,C,V9,E),E,V8) # label(define_portable_and_deterministic)
[19] extract(convertext(run(cP,retarget(sA,eArun),e3effects,eA),eA,eArun)) != stage2
[24] exactly_correspond(extract(convertext(run(cT,retarget(sP,e2),A,e1),e1,e2)),sP,IsP,e2)
[13] extract(convertext(run(cT,retarget(sP,e2),e1effects,e1),e1,e2)) = stage1
[9] exactly_correspond(cP,sP,IsP,eA) # label(cP_corresponds_to_sP)
[22] -exactly_correspond(A,sP,IsP,B) & -exactly_correspond(C,sP,IsP,D) & convertext(run(C,retarget(sA,eArun),E,D),D,F) = convertext(run(A,retarget(sA,eArun),V6,B),B,F)
[20] extract(convertext(run(cP,retarget(sA,eArun),e3effects,eA),eA,eArun)) != extract(convertext(run(stage1,retarget(sA,eArun),e2effects,e2),e2,eArun))
[25] exactly_correspond(stage1,iP,IsP,e2)
[26] -exactly_correspond(A,sP,IsP,B) | convertext(run(A,retarget(sA,eArun),C,B),B,D) = convertext(run(cP,retarget(sA,eArun),E,E),A,D)
[27] convertext(run(stage1,retarget(sA,eArun),A,e2),e2,B) = convertext(run(cP,retarget(sA,eArun),C,E),A,B)
[21] extract(convertext(run(stage1,retarget(sA,eArun),e2effects,e2),e2,eArun)) != extract(convertext(run(cP,retarget(sA,eArun),e3effects,eA),eA,eArun))
[28] compile(sA,stage1,A,e2,eArun) = extract(convertext(run(cP,retarget(sA,eArun),B,eA),eA,eArun))
[29] extract(convertext(run(stage1,retarget(sA,eArun),A,e2),e2,eArun)) = extract(convertext(run(cP,retarget(sA,eArun),B,eA),eA,eArun))
[30] $F