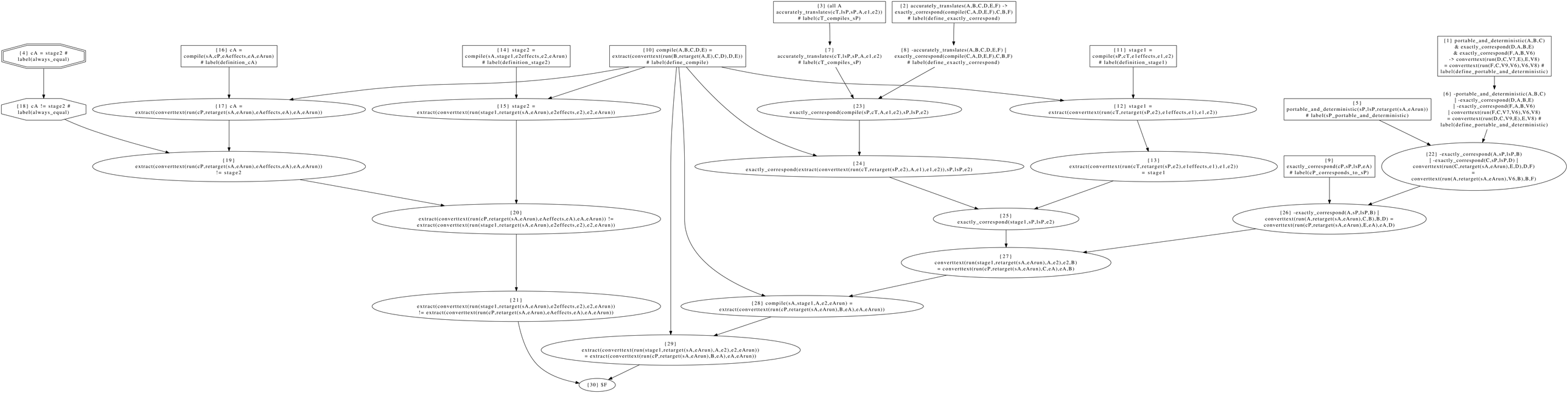
{4} cA = stage2 # label(always_equal)
{16} cA = compile(sA,cP,eAeffects,eA,eArun) # label(definition_cA)
{14} stage2 = compile(sA,stage1,e2effects,e2,eArun) # label(definition_stage2)
{10} compile(A,B,C,D,E) = extract(converttext(run(B,retarget(A,E),C,D),D,E)) # label(define_compile)
{3} (all A accurately_translates(cT,lsP,sP,A,e1,e2)) # label(cT_compiles_sP)
{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,lsP,sP,A,e1,e2) # label(cT_compiles_sP)
{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(sP,cT,e1effects,e1,e2) # label(definition_stage1)
{1} portable_and_deterministic(A,B,C) & exactly_correspond(D,A,B,E) & exactly_correspond(F,A,B,V6) -> converttext(run(D,C,V7,E),E,V8) = converttext(run(F,C,V9,V6),V6,V8) # label(define_portable_and_deterministic)
{18} cA != stage2 # label(always_equal)
{17} cA = extract(converttext(run(cP,retarget(sA,eArun),eAeffects,eA),eA,eArun))
{15} stage2 = extract(converttext(run(stage1,retarget(sA,eArun),e2effects,e2),e2,eArun))
{23} exactly_correspond(compile(sP,cT,A,e1,e2),sP,lsP,e2)
{12} stage1 = extract(converttext(run(cT,retarget(sP,e2),e1effects,e1),e1,e2))
{6} -portable_and_deterministic(A,B,C) | -exactly_correspond(D,A,B,E) | -exactly_correspond(F,A,B,V6) | converttext(run(F,C,V7,V6),V6,V8) = converttext(run(D,C,V9,E),E,V8) # label(define_portable_and_deterministic)
{5} portable_and_deterministic(sP,lsP,retarget(sA,eArun)) # label(sP_portable_and_deterministic)
{19} extract(converttext(run(cP,retarget(sA,eArun),eAeffects,eA),eA,eArun)) != stage2
{24} exactly_correspond(extract(converttext(run(cT,retarget(sP,e2),A,e1),e1,e2)),sP,lsP,e2)
{13} extract(converttext(run(cT,retarget(sP,e2),e1effects,e1),e1,e2)) = stage1
{9} exactly_correspond(cP,sP,lsP,eA) # label(cP_corresponds_to_sP)
{22} -exactly_correspond(A,sP,lsP,B) | -exactly_correspond(C,sP,lsP,D) | converttext(run(C,retarget(sA,eArun),E,D),D,F) = converttext(run(A,retarget(sA,eArun),V6,B),B,F)
{20} extract(converttext(run(cP,retarget(sA,eArun),eAeffects,eA),eA,eArun)) != extract(converttext(run(stage1,retarget(sA,eArun),e2effects,e2),e2,eArun))
{25} exactly_correspond(stage1,sP,lsP,e2)
{26} -exactly_correspond(A,sP,lsP,B) | converttext(run(A,retarget(sA,eArun),C,B),B,D) = converttext(run(cP,retarget(sA,eArun),E,eA),eA,D)
{27} converttext(run(stage1,retarget(sA,eArun),A,e2),e2,B) = converttext(run(cP,retarget(sA,eArun),C,eA),eA,B)
{21} extract(converttext(run(stage1,retarget(sA,eArun),e2effects,e2),e2,eArun)) != extract(converttext(run(cP,retarget(sA,eArun),eAeffects,eA),eA,eArun))
{28} compile(sA,stage1,A,e2,eArun) = extract(converttext(run(cP,retarget(sA,eArun),B,eA),eA,eArun))
{29} extract(converttext(run(stage1,retarget(sA,eArun),A,e2),e2,eArun)) = extract(converttext(run(cP,retarget(sA,eArun),B,eA),eA,eArun))
{30} $F