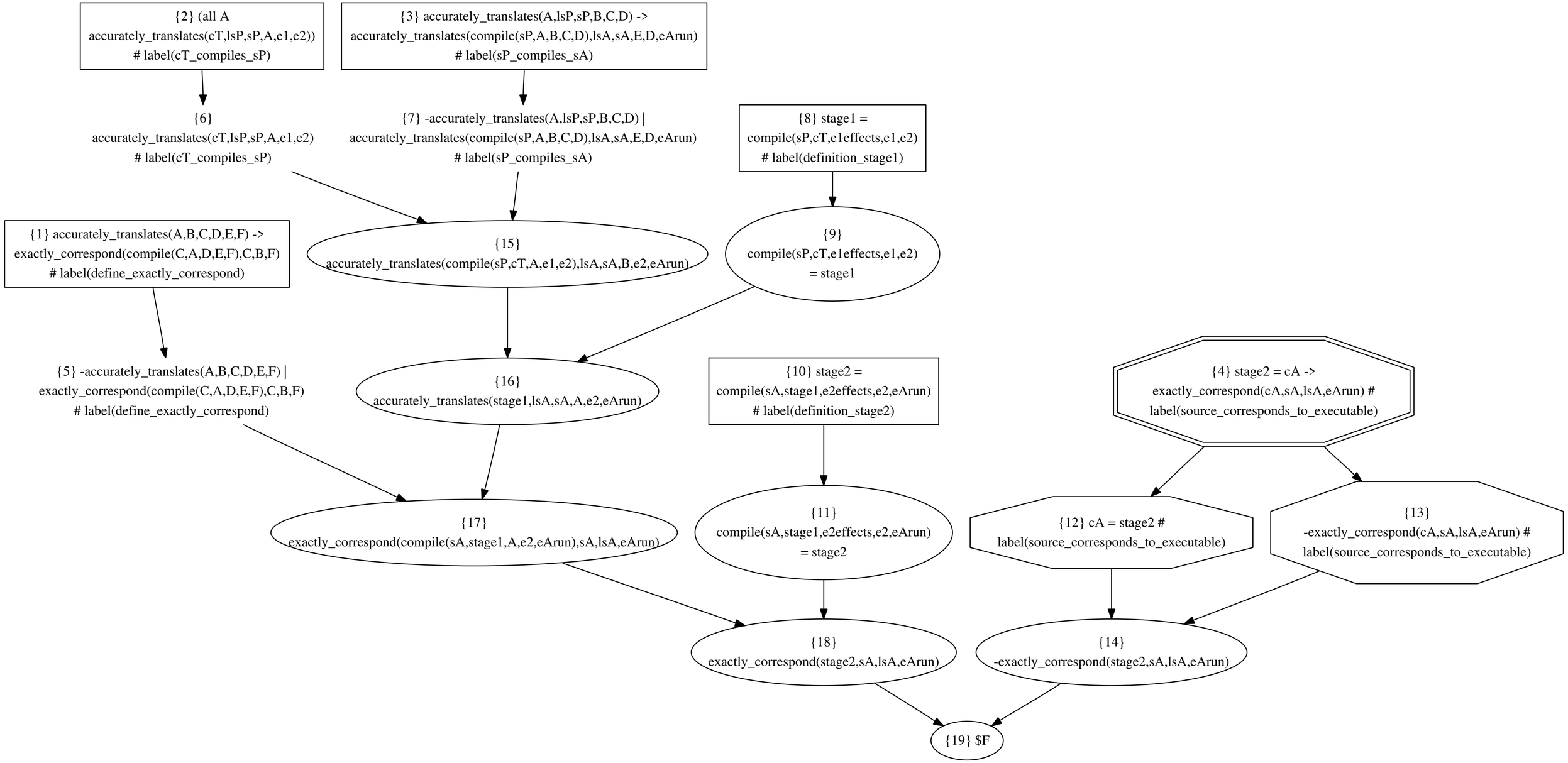
{2} (all A accurately_translates(cT,lsP,sP,A,e1,e2)) # label(cT_compiles_sP)
{3} accurately_translates(A,lsP,sP,B,C,D) -> accurately_translates(compile(sP,A,B,C,D),lsA,sA,E,D,eArun) # label(sP_compiles_sA)
{6} accurately_translates(cT,lsP,sP,A,e1,e2) # label(cT_compiles_sP)
{7} -accurately_translates(A,lsP,sP,B,C,D) | accurately_translates(compile(sP,A,B,C,D),lsA,sA,E,D,eArun) # label(sP_compiles_sA)
{8} stage1 = compile(sP,cT,e1effects,e1,e2) # label(definition_stage1)
{1} accurately_translates(A,B,C,D,E,F) -> exactly_correspond(compile(C,A,D,E,F),C,B,F) # label(define_exactly_correspond)
{15} accurately_translates(compile(sP,cT,A,e1,e2),lsA,sA,B,e2,eArun)
{9} compile(sP,cT,e1effects,e1,e2) = stage1
{5} -accurately_translates(A,B,C,D,E,F) | exactly_correspond(compile(C,A,D,E,F),C,B,F) # label(define_exactly_correspond)
{16} accurately_translates(stage1,lsA,sA,A,e2,eArun)
{10} stage2 = compile(sA,stage1,e2effects,e2,eArun) # label(definition_stage2)
{4} stage2 = cA -> exactly_correspond(cA,sA,lsA,eArun) # label(source_corresponds_to_executable)
{17} exactly_correspond(compile(sA,stage1,A,e2,eArun),sA,lsA,eArun)
{11} compile(sA,stage1,e2effects,e2,eArun) = stage2
{12} cA = stage2 # label(source_corresponds_to_executable)
{13} -exactly_correspond(cA,sA,lsA,eArun) # label(source_corresponds_to_executable)
{18} exactly_correspond(stage2,sA,lsA,eArun)
{14} -exactly_correspond(stage2,sA,lsA,eArun)
{19} $F