

Relevant semantic facts

Control-flow analysis

mayFollow(L_1, L_2) Instruction at label L_1 may follow that at label L_2

mustFollow(L_1, L_2) Instruction at label L_1 must follow that at label L_2

Data-flow analysis

mayDepOn(X, T) The value of X may depend on tag T

eq(X, T) The values of X and T are equal

detBy(X, T) For different values of T the value of X is different

For real-world contracts, Securify infers 1 - 10M such facts