

Synthesized solution for benchmark 04ident.c

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solution
├─ AComplete
├─  $\left\{ \begin{array}{l} \textit{Axioms} : \{J = 1, K = 1, E = B\} \\ k_1 = P_{\text{err}} = \text{copyin}(\text{uap\_alen}, \text{len}); \cdot (b_{17} \\ \cdot D() = \text{fdrop}(\text{fp}, \text{p}); + \neg b_{17} \cdot 1) \cdot (c_{15} \cdot L_{\text{len}} = \text{sa\_len}; + \neg c_{15} \cdot 1) \cdot O_{\text{err}} = \text{copyout}(\text{sa}, \text{uap\_asa}, \text{len}); \cdot (b_{12} \cdot (a_{11} \cdot J_{\text{fv\_1}} = 42; \cdot E() = \text{free}(\text{sa}, \text{fv\_1}); + \neg a_{11} \cdot 1) \\ \cdot D() = \text{fdrop}(\text{fp}, \text{p}); + \neg b_{12} \cdot 1) \cdot C_{\text{err}} = \text{copyout}(\text{len}, \text{uap\_alen}, \text{sizeof\_len}); \\ k_2 = P_{\text{err}} = \text{copyin}(\text{uap\_alen}, \text{len}); \cdot (b_{32} \\ \cdot D() = \text{fdrop}(\text{fp}, \text{p}); + \neg b_{32} \cdot 1) \cdot (c_{30} \cdot L_{\text{len}} = \text{sa\_len}; + \neg c_{30} \cdot 1) \cdot O_{\text{err}} = \text{copyout}(\text{sa}, \text{uap\_asa}, \text{len}); \cdot (b_{27} \cdot (a_{26} \cdot K_{\text{fv\_2}} = 42; \cdot B() = \text{free}(\text{sa}, \text{fv\_2}); + \neg a_{26} \cdot 1) \\ \cdot D() = \text{fdrop}(\text{fp}, \text{p}); + \neg b_{27} \cdot 1) \cdot C_{\text{err}} = \text{copyout}(\text{len}, \text{uap\_alen}, \text{sizeof\_len}); \end{array} \right.$ 

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Remaining 4 solutions ommitted for brevity.