Synthesized solution for benchmark Olasendrecv.c

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solution
         \underline{\hspace{0.1cm}} (Partial), cond: b>0
                                           k_1 = (a_7 \cdot b = recv(); 1 \cdot 1 \cdot (b_{11} \cdot n = constructReply(); () = send(n);
                                        \begin{array}{lll} k_1 = (a_1 \circ b - r \cos b, 1 \circ c_1) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b) & \text{where } d = (a_1 \circ b - r \cos b
                                            (Partial), cond: b > 0
                                                                       Cond:b_{26}
                                                                       k_1 = (a_7 \cdot b = recv(); 1 \cdot 1 \cdot 1 \cdot n = constructReply(); () = send(n);
                                                                      1 \cdot x = x - i, ?1; ) * \neg a_7
                                                                       k_2 = (a_{19} \cdot b = recv(); (b_{26} \cdot auth = check(b); (c_{23} \cdot n = constructReply(); () = sendA(n);
                                                                       +\neg c_{23}\cdot 1) + \neg b_{26}\cdot () = log(b); )\cdot x = x - i, ?1; )*\neg a_{19}
                                                             \square (Partial), cond: auth > 0
                                                                                                     k_1 = (a_7 \cdot b = recv(); 1 \cdot 1 \cdot 1 \cdot n = constructReply(); () = send(n);
                                                                                                     k_2 = (a_{19} \cdot b = recv(); 1 \cdot auth = check(b); (c_{23} \cdot n = constructReply(); () = sendA(n);
                                                                                                    +\neg c_{23}\cdot 1)\cdot x = x - i, ?1; ) * \neg a_{19}
                                                                                                   _ AComplete
                                                                                                                                 Axioms: \{I = 1, J = 1, M = 1, P = 1\}
                                                                                                                              \begin{array}{l} k_1 = (a_7 \cdot b = recv(); 1 \cdot 1 \cdot 1 \cdot n = constructReply(); () = send(n); \\ 1 \cdot x = x - .i, ?1;) * \neg a_7 \\ k_2 = (a_{19} \cdot b = recv(); 1 \cdot auth = check(b); 1 \cdot n = constructReply(); () = sendA(n); \end{array}
                                          k_1 = (a_7 \cdot b = recv(); 1 \cdot 1 \cdot (b_{11} \cdot n = constructReply(); () = send(n);
                                         (1 + \neg b_{11} \cdot 1) \cdot x = x - i, ?1;) * \neg a_7
                                          k_2 = (a_{19} \cdot b = recv(); (b_{26} \cdot auth = check(b); (c_{23} \cdot n = constructReply(); () = sendA(n);
                                           +\neg c_{23}\cdot 1) + \neg b_{26}\cdot () = log(b); )\cdot x = x - i,?1; )*\neg a_{19}
                                            (Partial), cond: auth > 0
                                                                       Cond: c_{23}
                                                                      k_1 = (a_7 \cdot b = recv(); 1 \cdot 1 \cdot 1 \cdot 1 \cdot x = x - i, ?1;) * \neg a_7
                                                               \begin{cases} k_2 = (a_{19} \cdot b = recv(); (b_{26} \cdot auth = check(b); (c_{23} \cdot n = constructReply(); () = sendA(n); \\ +\neg c_{23} \cdot 1) + \neg b_{26} \cdot () = log(b); ) \cdot x = x - i, ?1; ) * \neg a_{19} \end{cases}
                                                             \square (Partial), cond: b > 0
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 \begin{cases} Cond: \neg b_{26} \\ k_1 = (a_7 \cdot b = recv(); 1 \cdot 1 \cdot 1 \cdot 1 \cdot x = x - i, ?1;) * \neg a_7 \\ k_2 = (a_{19} \cdot b = recv(); (b_{26} \cdot auth = check(b); 1 \cdot n = constructReply(); () = sendA(n); \\ + \neg b_{26} \cdot () = log(b); ) \cdot x = x - i, ?1;) * \neg a_{19} \end{cases} 
\land \mathsf{Complete} 
\land \mathsf{Acomplete} 
\land \mathsf{Acomple
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Remaining 37 solutions ommitted for brevity.