

rock-paper-scissors^{11,40}

```
R-Feasible{i:l}
  (Rplus(ecl-machine{ecl:ut2}
    (mkid{b:ut2};
      fpf-join(id-deq;
        fpf-single(mkid{x1:ut2}; int_seg(0; 3));
        fpf-join(id-deq;
          fpf-single(mkid{v1:ut2}; int_seg(0; 3));
          fpf-join(id-deq;
            fpf-single(mkid{win:ut2};  $\mathbb{Z}$ );
            fpf-join(id-deq;
              fpf-single(mkid{x2:ut2};
                int_seg(0; 3)
              );
              fpf-single(mkid{v2:ut2};
                int_seg(0; 3)
              )
            )
          )
        )
      )
    fpf-join(Kind-deq;
      fpf-join(Kind-deq;
        fpf-single(rcv(mklnk{input:ut2,
          b:ut2,
          1:ut2
        },mkid{play:ut2});
          int_seg(0; 3));
        fpf-single(locl(mkid{choose1:ut2});
          p-outcome(ternary-fps));
        fpf-join(Kind-deq;
          fpf-single(locl(mkid{diff:ut2});
            int_seg(0; 1));
          fpf-join(Kind-deq;
            fpf-single(locl(mkid{same:ut2});
              int_seg(0; 1));
            fpf-single
              (rcv(mklnk{b:ut2,
                output:ut2,
                1:ut2
              },mkid{hello:ut2}));
             $\mathbb{B}$ 
          )
        )
      )
    )
  )
  eclact(eclcatch
    (eclrepeat
      (eclseq(ecland(eclbase(rcv(mklnk{input:ut2,
        b:ut2,
        1:ut2
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    },mkid{play:ut2});
    (λs,v. tt));
    eclbase(locl(mkid{choose1:ut2});
    (λs,v. tt));
    eclor(eclthrow(eclbase(locl(mkid{diff:ut2});
    (λs,v. tt));
    1);
    eclbase(locl(mkid{same:ut2});
    (λs,v. tt))));
    cons(1; []));
    1);
    msg-spec1(locl(mkid{diff:ut2});
    mklnk{b:ut2, output:ut2, 1:ut2};
    mkid{hello:ut2};
    1;
    s,v.rps((s(mkid{x1:ut2})); (s(mkid{v1:ut2})))));
    update-spec1(locl(mkid{diff:ut2});
    mkid{win:ut2};
    1;
    s,v.((s(mkid{win:ut2}))
    + if rps((s(mkid{x1:ut2})); (s(mkid{v1:ut2}))))
    then 1
    else 0
    fi ));
    Rplus(Rplus(Rpre(mkid{b:ut2};
    fpf-join(id-deq;
    fpf-single(mkid{x1:ut2}; int_seg(0; 3));
    fpf-single(mkid{v1:ut2}; int_seg(0; 3)));
    mkid{diff:ut2};
    unit-fps;
    (λs.¬b(s(mkid{x1:ut2}) =0 s(mkid{v1:ut2})))));
    Rpre(mkid{b:ut2};
    fpf-join(id-deq;
    fpf-single(mkid{x1:ut2}; int_seg(0; 3));
    fpf-single(mkid{v1:ut2}; int_seg(0; 3)));
    mkid{same:ut2};
    unit-fps;
    (λs.(s(mkid{x1:ut2}) =0 s(mkid{v1:ut2})))));
    Rplus(Rpre(mkid{b:ut2};
    fpf-empty;
    mkid{choose1:ut2};
    ternary-fps;
    (λs.tt));
    Rplus(Reflect(mkid{b:ut2};
    fpf-single(mkid{x1:ut2}; int_seg(0; 3));
    rcv(mklnk{input:ut2, b:ut2, 1:ut2

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    },mkid{play:ut2});
int_seg(0; 3);
mkid{x1:ut2};
(inl ( $\lambda s, v. v$  ));
Reflect(mkid{b:ut2};
  fpf-single(mkid{v1:ut2}; int_seg(0; 3));
  locl(mkid{choose1:ut2});
  p-outcome(ternary-fps);
  mkid{v1:ut2};
  (inl ( $\lambda s, v. v$  ))))))

```