COPY1 = West?c:char -> East!c -> COPY1

COPY = West?c1:char -> COPY2(c1)

COPY2(c1) = West?c2:char -> East!c1 -> COPY2(c2)

    []
    East!c1 -> West?c1:char -> COPY2(c1)

GCD = Input?id.x.y -> GCD(id, x, y)

GCD(id, x, y) = if (x = y) then
    Output!id.x -> GCD
else if (x > y) then
    GCD(id, x-y, y)
else
    GCD(id, x, y-x)

Examples of Modern CSP.

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