

EXTENDS $XJupiter$

VARIABLES $op2ss$, a function mapping an operation (identifier)
to the 2D digraph produced during its transformation at the server
 $c2ssX$ $c2ssX[c]$: 2D digraph that has been skipped by client c

$$RevImpl(c, cop) \triangleq c2ssX' = [c2ssX \text{ EXCEPT } ![c] = @ \oplus op2ss[cop.oid]]$$

$$SRevImpl(cop) \triangleq \text{LET } xform \triangleq xForm(NextEdge, Server, cop, s2ss[ClientOf(cop)])$$

$$\text{IN } op2ss' = op2ss @ @ (cop.oid :> xform.xg)$$

$$CJ \triangleq \text{INSTANCE } CJupiter \text{ WITH } ss \leftarrow [r \in Replica \mapsto$$

$$\text{IF } r = Server \text{ THEN } SetReduce(\oplus, Range(s2ss), EmptySS)$$

$$\text{ELSE } c2ss[r] \oplus c2ssX[r]]$$