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MODULE CJupiter
VARIABLES css
                        css[r]: the n-ary digraph maintained at replica r
NextEdge(r, u, g) \stackrel{\triangle}{=} CHOOSE \ e \in g.edge : \land e.from = u
                                                                \land \forall ue \in q.edge \setminus \{e\}:
                                         (ue.from = u) \Rightarrow so(e.cop.oid, ue.cop.oid, serial[r])
Perform(r, cop) \triangleq \text{LET } xform \triangleq xForm(NextEdge, r, cop, css[r])
                              IN \wedge css' = [css \text{ EXCEPT } ! [r] = @ \oplus xform.xg]
                                     \land apply xform.xcop.op to list[r]
Do(c, op) \stackrel{\Delta}{=} \text{LET } cop \stackrel{\Delta}{=} [op \mapsto op, oid \mapsto [c \mapsto c, seq \mapsto cseq[c]], ctx \mapsto ds[c]]
                              u \stackrel{\Delta}{=} ds[c] \quad v \stackrel{\Delta}{=} u \cup \{cop.oid\}
                          \land css' = [css \ \text{EXCEPT} \ ![c] = \text{ append } cop \ \text{to} \ u \ (\text{i.e., } ds[c])
                               @ \oplus [node \mapsto \{v\}, edge \mapsto \{[from \mapsto u, to \mapsto v, cop \mapsto cop]\}
                            \land apply op to list[c]; send cop to the Server
Rev(c, cop), SRev(cop) the same with those in AbsJupiter
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