─────────────────── MODULE *E2Node* ───────────────────

EXTENDS *E2T*

LOCAL INSTANCE *Naturals*

LOCAL INSTANCE *Sequences*

CONSTANT *E2Node*

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$E2NodeSendE2SetupRequest(c) \triangleq$
    $\land E2TSB!Send(c, [type \mapsto E2Setup])$
    $\land$ UNCHANGED $\langle\rangle$

$E2NodeHandleE2SetupResponse(c, m) \triangleq$
    $\land E2TSB!Receive(c)$
    $\land$ UNCHANGED $\langle\rangle$

$E2NodeHandleMessage(c, m) \triangleq$
    $\land \lor \land m.type = E2SetupResponse$
        $\land E2NodeHandleE2SetupResponse(c, m)$
    $\land$ UNCHANGED $\langle\rangle$

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$E2NodeInit \triangleq$ TRUE

$E2NodeNext \triangleq$
    $\lor \exists s \in E2Node, d \in E2TNode : E2TSB!Connect(s, d)$
    $\lor \exists c \in E2TSB!Connections : E2TSB!Handle(c, E2NodeHandleMessage)$

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\ * Modification History
\ * Last modified *Tue Aug* 10 06:31:58 *PDT* 2021 by *jordanhalterman*
\ * Created *Tue Aug* 10 04:55:53 *PDT* 2021 by *jordanhalterman*

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