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 \begin{array}{l} \operatorname{proc \ esReunionValida? \ (in \ r: \ reunion, \ in \ prof: \ \mathbb{Z}, \ in \ freq: \ \mathbb{Z}, \ out \ result: \ Bool) \ \left\{ \begin{array}{l} \operatorname{Pre} \ \{prof > 0 \land freq > 0\} \\ \operatorname{Post} \ \{result = esReunionValidaAux(r,prof,freq)\} \end{array} \right\} \\ \\ \operatorname{pred \ esReunionValidaAux} \ (r: \ reunion, \ prof: \ \mathbb{Z}, \ freq: \ \mathbb{Z}) \ \left\{ \begin{array}{l} \operatorname{contieneSe\~nalesValidas(r,prof,freq)} \land \\ \operatorname{lasLongitudesDeSe\~nalSonIguales(r)} \land \\ \operatorname{losHablantesDistintos(r)} \land \\ \operatorname{losHablantesEstanEnRangosDeOANMenos1(r)} \end{array} \right\} \\ \\ \operatorname{pred \ contieneSe\~nalesValidas} \ (r: \ reunion, \ prof: \ \mathbb{Z}, \ freq: \ \mathbb{Z}) \ \left\{ (\forall i: \mathbb{Z}) \ 0 \leq i < |r| \ \longrightarrow_L \ esSe\~nalAux(r[i]_0,prof,freq) \right\} \\ \\ \operatorname{pred \ lasLongitudesDeSe\~nalSonIguales} \ (r: \ reunion) \ \left\{ (\forall i,j: \mathbb{Z}) \ 0 \leq i,j < |r| \land i \neq j \ \longrightarrow_L \ (|r[i]_0| = |r[j]_0|) \right\} \\ \\ \operatorname{pred \ losHablantesEstanEnRangosDeOANMenos1} \ (r: \ reunion) \ \left\{ (\forall i: \mathbb{Z}) \ 0 \leq i < |r| \ \longrightarrow_L \ 0 \leq r[i]_1 < |r| \right\} \\ \\ \operatorname{pred \ losHablantesEstanEnRangosDeOANMenos1} \ (r: \ reunion) \ \left\{ (\forall i: \mathbb{Z}) \ 0 \leq i < |r| \ \longrightarrow_L \ 0 \leq r[i]_1 < |r| \right\} \\ \\ \end{array}
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