

sendMinimalR^{11,40}

$$\begin{aligned} & \text{sendMinimalR}\{\$a:\text{ut2}, \$tg:\text{ut2}\} \\ & \quad (T; t; l; ds_1; ds_2; P; Q; d_1; d_2; f) \\ \equiv_{\text{def}} & \oplus([\text{weakSendDoApplyR}\{\$a:\text{ut2}, \$tg:\text{ut2}\} \\ & \quad (T; t; l; ds_1; f \text{ o' } \mu'(\lambda s, n. \neg_b(P(s, n))))); \\ & \quad \text{weakSendDoApplyR}\{\$a:\text{ut2}, \$tg:\text{ut2}\} \\ & \quad (\mathbb{N}; 0; \text{lnk-inv}(l); ds_2; \mu'(\lambda s, n. \neg_b(Q(s, n))))]) \end{aligned}$$

clarification:

$$\begin{aligned} & \text{sendMinimalR}\{\$a:\text{ut2}, \$tg:\text{ut2}\} \\ & \quad (T; t; l; ds_1; ds_2; P; Q; d_1; d_2; f) \\ \equiv_{\text{def}} & \oplus([\text{weakSendDoApplyR}\{\$a:\text{ut2}, \$tg:\text{ut2}\} \\ & \quad (T; t; l; ds_1; f \text{ o' } \mu'(\text{State}(ds_1); \lambda s, n. \neg_b(P(s, n)); d_1)) / \\ & \quad [\text{weakSendDoApplyR}\{\$a:\text{ut2}, \$tg:\text{ut2}\} \\ & \quad (\mathbb{N}; 0; \text{lnk-inv}(l); ds_2; \mu'(\text{State}(ds_2); \lambda s, n. \neg_b(Q(s, n)); d_2)) / \\ & \quad []]) \end{aligned}$$