

ma-feasible-rframe-ef^{11,40}

$\forall A:\text{MsgA}, x, z:\text{Id}, k:\text{Knd}, s_1, s_2:A.(\text{timed})\text{state}, v:A.\text{da}(k).$

$\text{ma-frame-compat}(A;A)$

$\Rightarrow (\neg A.\text{rframe}(k \text{ reads } x))$

$\Rightarrow \text{ma-x-tequiv}(A;x;s_1;s_2)$

$\Rightarrow (\neg(z = x))$

$\Rightarrow (A.\text{ef}(k,z,\text{read-state}(s_1),v)?s_1(z) = A.\text{ef}(k,z,\text{read-state}(s_2),v)?s_2(z) \in \mathbb{Q} \rightarrow A.\text{ds}(z))$