

R-and-rule^{11,40}

$\forall A, B: \text{es_realizer}\{i:l\}, P, Q: (\text{event_system}\{i:l\} \rightarrow \text{prop}\{i':l\}).$

$\text{R-realizes}\{i:l\}$

$(A; \text{es}.P(\text{es}))$

$\Rightarrow \text{R-realizes}\{i:l\}$

$(B; \text{es}.Q(\text{es}))$

$\Rightarrow \text{R-compat}\{i:l\}$

$(A; B)$

$\Rightarrow \text{R-realizes}\{i:l\}$

$(\text{Rplus}(A; B); \text{es}.(P(\text{es}) \wedge Q(\text{es})))$