

## **es-locl\_transitivity1**<sup>11,40</sup>

$\forall es:\text{event\_system}\{i:l\}, a,b,c:\text{es-E}(es).$

$\text{es-le}(es; a; b) \Rightarrow \text{es-locl}(es; b; c) \Rightarrow \text{es-locl}(es; a; c)$