

**existse-between2-true**<sup>11,40</sup>

$\forall es:\text{ES}, e_1:\text{E}, e_2:\{e:\text{E} \mid \text{loc}(e) = \text{loc}(e_1) \in \text{Id}\} . \exists e \in [e_1, e_2]. \text{True} \iff e_1 \leq \text{loc } e_2$