

## generated-thread-no-joins<sup>11,40</sup>

$\forall es:ES, P:(E \rightarrow \mathbb{P}), R:(E \rightarrow E \rightarrow \mathbb{P}).$

`single-thread-generator{i:l}(es;P;R)`

$\Rightarrow (\forall e, e':E. (R(e,e') \Rightarrow (P(e) \& P(e'))))$

$\Rightarrow (\forall a, b, e:E. (R(a,e) \& R(b,e) \Rightarrow (P(e) \& P(a) \& P(b)) \Rightarrow (a = b)))$