

## update-spec-join-vars<sup>11,40</sup>

$\forall a, b: \text{fpf}(\text{Knd} \times \text{Id}); kz.\text{top}, z:\text{Id}.$

$(z \in \text{update-spec-vars}(\text{update-spec-join}(a; b)))$

$\iff ((z \in \text{update-spec-vars}(a)) \vee (z \in \text{update-spec-vars}(b)))$