

## **no\_repeats-merge**<sup>0,22</sup>

$\forall T:\text{Type}.$

$T \subseteq \rho \mathbb{Z} \Rightarrow (\forall bs, as:T \text{ List. no\_repeats}(T;as) \Rightarrow \text{sorted}(as) \Rightarrow \text{no\_repeats}(T;\text{merge}(as;bs)))$