

**mk\_mon**<sup>13,42</sup>

$\forall T:\text{Type}, eq, le:(T \rightarrow T \rightarrow \mathbb{B}), op:(T \rightarrow T \rightarrow T), id:T, inv:(T \rightarrow T).$

$\text{IsEqFun}(T;eq) \Rightarrow \text{Assoc}(T;op) \Rightarrow \text{Ident}(T;op;id) \Rightarrow \langle T, eq, le, op, id, inv \rangle \in \text{Mon}$