

concat-map-decide^{0,22}

$\forall T:\text{Type}, B:(T \rightarrow (\text{Top} + \text{Top})), L:T \text{ List.}$

$\text{concat}(\text{map}(\lambda x. \text{Case } B(x) \text{ of } \text{inl}(a) \Rightarrow [a] ; \text{inr}(a) \Rightarrow \text{nil}; L))$

$\sim$

$\text{mapfilter}(\lambda x. \text{outl}(B(x)); \lambda x. \text{isl}(B(x)); L)$