## $map\_append^{11,40}$

 $\begin{array}{l} \forall A, \ B : \mbox{Type}, \ f : (A \rightarrow B), \ as, \ as' : (A \ \mbox{List}). \\ \mbox{map}(f ; as \ @ \ as') = (\mbox{map}(f ; as) \ @ \ \mbox{map}(f ; as')) \in (B \ \mbox{List}) \end{array}$ 

 $http://www.nuprl.org/FDLcontent/p0\_399846\_/p83\_6696\_\{map\_append\}.html$