

U29JSAR9S : ah, of course
 U23SA861Y : the one thing it does to would be return 0 for an empty list as opposed to say Nothing
 U48AEBJQ3 : How about``
 maybeList : List (Maybe a) -> Maybe (List a)
 maybeList =
 List.foldr (Maybe.map2 (::)) (Just [])
 ...

U23SA861Y : hmm, yes I think that would do what you want
 U29JSAR9S : cheers guys, been interesting working through this with you - my understanding of how to handle
 Maybe's has definitely come along this evening!
 U23SA861Y : no problem, and good luck
 U23SA861Y : in your further learnins for great profit
 U29JSAR9S : last one for you, for the road:``
 maybeTuple3 : (Maybe a, Maybe b, Maybe c) -> Maybe (a, b, c)
 maybeTuple3 tuple =
 case tuple of
 (Just a, Just b, Just c) ->
 Just (a, b, c)
 _ ->
 Nothing
 ...

Trying to figure out how to do this with a Maybe.mapX

U23SA861Y : I think you probably want curry3 or something like that
 U23SA861Y : mmm there is only curry and uncurry no uncurry 3
 U23SA861Y : but perhaps you could write it``
 uncurry3 : (a -> b -> c -> d) -> (a,b,c) -> d
 uncurry3 f (a,b,c) = f a b c
 ...

U23SA861Y : then it would go together something like `maybeTuple3 = uncurry3 (Maybe.map3 (,,))`
 U23SA861Y : I think, this is me coding without checking if it compiles
 U29JSAR9S : this works :``
 maybeTuple3 : (Maybe a, Maybe b, Maybe c) -> Maybe (a, b, c)
 maybeTuple3 (a, b, c) =
 Maybe.map3 (,,) a b c
 ...

U29JSAR9S : I didn't realise you could do the (,,) thing
 U23SA861Y : well there you go
 U29JSAR9S : cheers :slightly_smiling_face:
 U29JSAR9S : again
 U29JSAR9S : :beers:
 U23SA861Y : :beers: :beers:
 U5V0HVAKB : hello all
 U5V0HVAKB : i am just starting to learn elm
 U5V0HVAKB : and i follow the official guide and try to add helpers to my form