

U23SA861Y : setting a single value via a map is a bit clunky

U6D3ERLA1 : ha tru

U5ABF3BH7 : I meant to write ```[disabled not (Dict.get Informant model.uniqueRoles == Nothing || Dict.get Informant model.uniqueRoles == person)]

U6D3ERLA1 : Assuming however I wanted to operate on the entire grid, I'm guessing it is bad practice to write functions with so many arguments

U6D3ERLA1 : as the inner function has

U6D3ERLA1 : I guess if we were operating on the whole grid I could strip a couple args off (for finding the indexes...)

U23SA861Y : so typically your map would just take the value and you may have an indexed map of the form `(Int,Int) -> value -> newValue`

U5ABF3BH7 : sorry for the long explanation, I am trying to give the context and it ends up being a bit long

U23SA861Y : it might be that the role of the person belongs in where the person is placed in a higher level datastructure

U5ABF3BH7 : <@U23SA861Y> can you explain more what you mean?

U23SA861Y : ```{  
informant: Maybe Person  
,nextOfKin : List Person  
,etc  
}  
...`

U23SA861Y : rather then type be a property of person

U5ABF3BH7 : <@U23SA861Y> I see what you mean.

U5ABF3BH7 : Thanks

U6D3ERLA1 : ```putGrid p v grid =  
 case Array.get p.y grid of  
 Nothing ->  
 grid  
  
 Just row ->  
 Array.set p.y (Array.set p.x v row) grid  
...`

U6D3ERLA1 : this feels sane to me

U6D3ERLA1 : Point -> String -> Grid

U23SA861Y : you can get rid of the case and use pipe with a Maybe.map and Maybe.withDefault

U6D3ERLA1 : :thumbsup:

U6D3ERLA1 : awesome

U6EAT2Z37 : I think something like this is my preference:  
...`

```

updateIfIndexesMatch : Int -> (a -> a) -> Int -> a -> a
updateIfIndexesMatch index f testIndex value =
  if
    index == testIndex
  then
    f value
  else
    value
updateArrayAt : Int -> (a -> b) -> Array a -> Array b
updateArrayAt index f array =
  Array.indexedMap (updateIfIndexesMatch index f) array

putGrid position newValue grid =
  let
    updateColumn column = updateArrayAt position.x (\_ -> newValue)
    updateRow row = updateArrayAt position.y updateColumn
    updateGrid = Array.map updateRow
  in
    updateGrid grid
...`

```

U2PTZFKFX : hello, can anyone give me a good tutorial on using ELM with REST? specially, fetching and posting contents, as well as authentication

U6EAT2Z37 : <@U2PTZFKFX> I did a tiny bit of googling and found this  
<<https://github.com/andrewsuzuki/elm-todo-rest-api>> did you see that already?

U6EAT2Z37 : <@U2PTZFKFX> it probably won't help you with authentication, but that's probably a separate issue and you can treat them individually.