

U4RR7KX45 : yeah I saw that. But now I have tons of type related issues.so I created the type

```
...
type alias Content =
  { id : Int
  , content : String
  }
...
```

and then my decoder

```
...
decodeQuoteUrl : Decode.Decoder String
decodeQuoteUrl =
  Decode.map2 Content
    (Decode.field "ID" <http://Decode.int|Decode.int>)
    (Decode.field "content" Decode.string)
...
```

but this gives me an error saying that it should be `Decode.Decoder Content`, not `String` for some reason. If I change that to `Decode.Decoder Content`, then this one goes crazy:

```
...
fetchRandomQuoteCmd : Cmd Msg
fetchRandomQuoteCmd =
  Http.send FetchRandomQuoteCompleted fetchRandomQuote
...
```

U48AEBJQ3 : Because `FetchRandomQuoteCompleted` is a constructor that takes a `String` not a `Content`?

U4RR7KX45 : indeed it is :smile:

U4RR7KX45 : damn it

U4RR7KX45 : ok one more question please. I want to extract just the content fields from that list, to have a list of string. how can I do that? I tried this``

```
    Decode.map String
      (Decode.field "content" Decode.string)
...
```

U48AEBJQ3 : So, you have a list of objects which each have a "content" field, and you want those collected as a `List String`?

U4RR7KX45 : yeah, I want to extract the content from them

U23SA861Y : `Decode.list (Decode.field "content" Decode.string)`

U4RR7KX45 : yes! that's it :smile:

U4RR7KX45 : thank you

U5H8JJP24 : Hi, I've struggling with a problem for a while now. I got a subscription which decodes an object as a string from the localStorage. I struggle quite some time with this issue, since my compiler gives me following error:``

Error: "Expecting an object with a field named `id` but instead got:

```
\"{\\\"id\\\":3,\\\"name\\\":\\\"12d3\\\",\\\"locations\\\":{\\\"index\\\":1,\\\"description\\\":\\\"\\\",\\\"city\\\":\\\"\\\",\\\"country\\\":\\\"United Kingdom\\\",\\\"name\\\":\\\"Reigate Hill Golf Club\\\",\\\"state\\\":\\\"Surrey\\\",\\\"coordinates\\\":{\\\"lat\\\":51.263834,\\\"lng\\\":-0.161863}}, ...
...
```

I tried to make every fiel optional except name, and it seems he cannot parse the object.

U0LPMPL2U : This string looks doubly escaped?

U5H8JJP24 : so the \\ are not normal

U0LPMPL2U : right

U5H8JJP24 : actually I do it the same way as in the feldman spa example

U0LPMPL2U : it looks like the `` got escaped once as `` and then re-escaped as ````

U3SJEDR96 : that looks like encoding to JSON twice... Possibly you're using `Json.Encode.encode` on the Elm side and `JSON.stringify(..)` on the JS side? or .. something vaguely like that?

U5H8JJP24 : ouh i am reading directly from the locastorage as a string :sleepy:

U5H8JJP24 : yep JSON.parse on the js side fixed my issue... thx guys

U5SJJ85B : So this might be a odd question, but do Elm users generally prefer to do function composition via `f >> g` or `g << f`?

U3LUC6SNS : I've been using code like that below to update nested records. Is there a better/more elegant way?``

```
toggleMenu model =  
  let  
    appState =  
      model.appState  
  
    newAppState =  
      { appState | menuDropped = (not appState.menuDropped) }  
  in  
    ( { model | appState = newAppState }, Cmd.none )  
...
```

U0LPMPL2U : <@U5SJD85B> I've seen both used. Maybe a slight preference for `<<` ?

U0LPMPL2U : `<<` can often read better such as `not << .isActive`

U0LPMPL2U : <@U3LUC6SNS> you could break out a function `toggleAppStateMenu`

U0LPMPL2U : e.g.``

```
toggleMenu model =  
  ( { model | appState = toggleAppStateMenu model.appState }, Cmd.none )  
...
```

U0LPMPL2U : Alternatively you could flatten your model structure such that `menuDropped` was a key on the top-level `Model`

U3LUC6SNS : <@U0LPMPL2U> Thanks! I think I will go with the first suggestion. My model is already quite large

U5SJD85B : <@U0LPMPL2U> thanks!

U5W4G2SQ5 : Would Elm / Electron be a good choice for xplat desktop app dev?

U3SJEDR96 : You'll probably need some JS+ports to handle the electron-specific API's, but it's certainly feasible