

U604S603Y : I'm trying to have only one field in the top-level model of my SPA which then "contains" the page data of the currently active page. So I tried making a DU with all the different page data types I have, one case for every page. But then I have problems calling the different pages' update functions, because they expect the correct data and not the top-level DU

U604S603Y : Then I tried pattern matching on the DU and only calling the update function when the case is the right one - but that results in problems with the overall return value of the top-level update function branch

U3SJEDR96 : you'd need to "rewrap" that return value with the correct tag

U3SJEDR96 : ```LoginModel model -&gt;

(Login.update model msg) |&gt; Tuple.mapFirst LoginModel |&gt; Tuple.mapSecond (Cmd.map LoginMsg)

U3SJEDR96 : or something along those lines

U604S603Y : now there's only one error left. The code is:

```
``` SchnellcheckMsgs msg -&gt;
  let
    ( schnellcheckViewModel, cmd ) =
      case model.subpageData of
        SchnellcheckModel sm -&gt;
          (Schnellcheck.Update.update msg sm)
            |&gt; Tuple.mapFirst SchnellcheckModel
            |&gt; Tuple.mapSecond (Cmd.map SchnellcheckMsgs)

        _ -&gt;
          ( None, Cmd.map SchnellcheckMsgs Schnellcheck.Types.NoOp )
  in
    ( { model | subpageData = schnellcheckViewModel }
      , Cmd.map SchnellcheckMsgs cmd
    )```
```

where `None` is a case of the DU stored in `model.subpageData` and `NoOp` is a case of the same Message DU stored in `SchnellcheckMsgs`.

The error is in the `( None, Cmd.map SchnellcheckMsgs Schnellcheck.Types.NoOp )` line:

```The 2nd argument to function `map` is causing a mismatch. - Function `map` is expecting the 2nd argument to be:

Cmd Schnellcheck.Types.SchnellcheckMsg

But it is:

Schnellcheck.Types.SchnellcheckMsg```

U604S603Y : the code resides in the top-level update function in my Main.elm

U3SJEDR96 : How about `Cmd.none` instead? :slightly\_smiling\_face:

U604S603Y : BLACK MAGIC

U604S603Y : it's working now! thanks <@U3SJEDR96>

U62PV9CPN : in elm-html is there a way to get the `&lt;em>` tag to evaluate in this example:

```

span [] [ text "Some &lt;em>emphasized&/em> text" ]

```

U3SJEDR96 : The proper way would be `span [] [ em [] [ text "emphasized" ] ]`

U3SJEDR96 : 2 workarounds exists; using elm-markdown on the string or using an unsafe hack

U180KMGRE : ```span

```
  []
  [ text "some "
    , em [] [ text "emphasized" ]
    , text " text"
  ]
```
```

U180KMGRE : unsafe hack way: ```

span [ property "innerHTML" (string "Some &lt;em>emphasized&/em> text") ] []

...

U180KMGRE : Where `string` is `Json.Encode.string`

U3LUC6SNS : <@U3SJEDR96>, another parser question. I keep getting parser errors from the code below, the purpose of which is to parse a sequence of words into a list of strings. Should be really easy ... ahem ... Below there is (1) code, (2) error message.

...

```
word : Parser String
word =
  inContext "word" &lt;|
    succeed identity
      |. spaces
      |= keep zeroOrMore (\c -> c /= ' ' || c /= '\n' || c /= '\')
```

```
type alias Words =
{ value : List String
}
```

```
words : Parser Words
words =
  inContext "words" &lt;|
    succeed Words
      |. spaces
      |= repeat oneOrMore word
      |. symbol "\n"
```

...

The error message:

...

```
> run words "a b \n"
Err { row = 2, col = 1, source = "a b \n", problem = BadRepeat, context = [{ row = 1, col = 1, description = "words" }] }
  : Result.Result Parser.Error LatexParser.Latex.Words
...
```

U3SJEDR96 : how is `spaces` defined?

U0J1M0F32 : Shouldn't that be `"a b \n"` :thinking\_face: err. I mean. This seems like an escaping issue?

U3SJEDR96 : no, `\n` can be used like that

U3SJEDR96 : my guess is that `spaces` also is a `zeroOrMore`; which means `word` would always match, and since it's in a repeat, it would keep on going without progressing

U3SJEDR96 : hence, a badrepeat

U3LUC6SNS : <@U3SJEDR96>, that (keep on going) sounds right. I will give it more thought.