U26LR8F4H : that is getting called even after i removed the task from the update
U23SA861Y : yeah it would get called on load
U23SA861Y : elm is eager
U23SA861Y : so it will be called when the let is evaluated and thats when the program loads
U26LR8F4H : oh, interesting
U23SA861Y : scrollToTop is a value not a function
U23SA861Y : it gets constructed on program start
U26LR8F4H : well, that is super helpful to know, thank you.
U3SJEDR96 : This sounds remarkably close to what I did with elm-demystifyin-decoders :grin: excited to see what you come up with!
U623QK78C : What is the best way map a `Maybe String` to the an attribute value of an input?
U623QK78C : Currently I have: ```([class "mdc-textfield__input"   , id "message-input"
                    , rows 2
                    , cols 40
                    , placeholder "Your message here..."
                    ]
                       ++ case message of
                           Just t -&gt;
                               [value t]

                           Nothing -&gt;
                               []
)```

U623QK78C : But I was wondering if there was a better way.
U57KYFW67 : <@U623QK78C> Are you trying to "get the string out of" a `Maybe String`?
U57KYFW67 : Ahhh I see. You are trying to embed your maybe into a list.... hmm
U57KYFW67 : <@U623QK78C> This is the function you're looking for: <http://package.elm-lang.org/packages/elm-community/maybe-extra/4.0.0/Maybe-Extra#toList>
U57KYFW67 : It's in maybe-extra, though, so depending on how you feel about extra dependencies, what you have is completely sufficient.
U57KYFW67 : It might be worthwhile to float it into a `let` statement earlier in the code. That's what I like to do, at least, when I have an ugly `case` statement sitting in the middle of an expression.
U623QK78C : Thanks, Maybe-extra.toList looks nice.
U158457NK : is it possible to download a file using elm.http, a link wont do as I need to add an authorization header, but the resource, which is an xlsx file keeps being treated as data as opposed to downloading
U5P4FLYLE : Hi all, with what would you replace Cmd.none in order to realize side effect that calls Linux command or invoke script and takes what is generated in stdout as String?
U3LUC6SNS : `re: elm-tools/parser` I now have several parsers, e.g. `macro1` for input like `\\foo{bar} `, `macro2` for `\\foo{bar}{baz} `, `environment` for `\\begin{ENV} BODY \\end{ENV}`. I would like to combine them in a parser `latex` which looks at its input and tries each of the above parsers until it either succeeds or runs out of parses to try and then fails.
I know there is some way to do this but couldn;t find it by reading the source and searching it for `combine`.

U3SJEDR96 : <@U5P4FLYLE> I'd generally do that with two `port`s, with the actual side-effect happening on the JS side
U3SJEDR96 : <@U3LUC6SNS> `oneOf`
U3LUC6SNS : <@U3SJEDR96> Thanks!
U3SJEDR96 : <@U158457NK> I don't know if there's a great way to do that even in plain old JS with ajax. I think you _could_, potentially, download it as data and have it as a href for a link or something vaguely along those lines, but I'm not sure, to be honest
U3LUC6SNS : <@U3SJEDR96>, I am trying this:```
type Latex
    = Macro1
    | Macro2
    | Environment

latex : Parser Latex
latex =

```
    oneOf
        [ Macro1
        , Macro2
        , Environment
        ]
```

but then get lots of error messages like

```
-- DUPLICATE DEFINITION ------------------------------------- ./src/XParser.elm

Naming multiple top-level values `Macro2` makes things ambiguous. When you say
`Macro2` which one do you want?

51|&gt;type alias Macro2 =
52|&gt;    { name : String
53|&gt;    , arg1 : String
54|&gt;    , arg2 : String
55|&gt;    }
```

U1ZFF0E5P : when you define a type alias, it also gives you a constructor for free. so with your type alias you can call `Macro2 "string1" "string2" "string3"` to build a record

U1ZFF0E5P : when you define a union type, the "options" are also constructors to build the actual type

U1ZFF0E5P : so you can't have a union type and a type constructor with the same name in the module

U1ZFF0E5P : you can move one or the other to another module and call it with the whole name

U1ZFF0E5P : <@U3LUC6SNS> ^

U3SJEDR96 : <@U3LUC6SNS> you'll need something like `oneOf [ parser1, parser2, parser3 ]`, so in your case `oneOf [ macro1, macro2, environment ]` etc

U3LUC6SNS : Thanks <@U3SJEDR96>, thanks <@U1ZFF0E5P> !

U3SJEDR96 : assuming that `macro1 : Parser Latex` etc

U3LUC6SNS : Got it!