

U14Q8S4EM : I think I've been in your circumstance. I had an app that I wanted to listen for the enter key. There are a few ways to do it, but I ended up with..```

```
input
  [ onChange HandleField
    , onEnter HandleEnter
    , value model.inputField
  ]
[]
```

onEnter : Msg -> Attribute Msg

```

U14Q8S4EM : It fired that message if the key that was pressed was the enter, and then separately, there was another event listener that listened for the changes generally

U14Q8S4EM : When you say "format the input field", you might like change or update?

U0JBSEGHY : I think I should hold 3 different states in the model. The current state of input, the state of the formatted number (human) and then the state of the number for international calling format.

U0JBSEGHY : I'm going to have a crack at what you have just outlined there. I just reread the code and it makes sense now haha

U0JBSEGHY : <@U14Q8S4EM> how does your HandleField work? Does it accept a string?

U0JBSEGHY : ``The 1st and 2nd entries in this list are different types of values.

```
327| [onInput FormatNumber
328|> , onChange HandleField
329| , value model.numberToCall
330| , placeholder "Enter a Phone Number"
331| , class "login-form"
332|]
```

The 1st entry has this type:

Attribute (Msg)

But the 2nd is:

Attribute (String -> Msg)``

U0JBSEGHY : If I remove the first input field it throws errors all the way down the view. So I'm a little stuck on the types.

U14Q8S4EM : Yeah, accepting a string is what I had in mind.

U14Q8S4EM : So.. `type Msg = HandleField String | ...`

U3HQVHERX : ``Project is running at <http://localhost:8080/>

webpack output is served from /

Success! Compiled 1 module.

Successfully generated /var/folders/\_c/8wr2xwdd5fgd09brqxxycj080000gp/T/117631-5543-1pmxcl4.bb90w1att9.js

Hash: 585e3744c67183452465

Version: webpack 3.4.1

Time: 974ms

| Asset     | Size                                                                         | Chunks      | Chunk Names            |
|-----------|------------------------------------------------------------------------------|-------------|------------------------|
| bundle.js | 628 kB                                                                       | 0 [emitted] | [big] main             |
| [35]      | multi (webpack)-dev-server/client?<http://localhost:8080> ./public/js/app.js | 40 bytes    | {0} [built]            |
| [36]      | (webpack)-dev-server/client?<http://localhost:8080>                          | 5.83 kB     | {0} [built]            |
| [37]      | ./node_modules/url/url.js                                                    | 23.3 kB     | {0} [built]            |
| [40]      | ./node_modules/querystring-es3/index.js                                      | 127 bytes   | {0} [built]            |
| [43]      | ./node_modules/strip-ansi/index.js                                           | 161 bytes   | {0} [built]            |
| [45]      | ./node_modules/loglevel/lib/loglevel.js                                      | 6.74 kB     | {0} [built]            |
| [46]      | (webpack)-dev-server/client/socket.js                                        | 856 bytes   | {0} [built]            |
| [78]      | (webpack)-dev-server/client/overlay.js                                       | 3.6 kB      | {0} [built]            |
| [80]      | ./node_modules/html-entities/index.js                                        | 231 bytes   | {0} [built]            |
| [83]      | (webpack)/hot nonrecursive ^\\.\\log\$                                       | 170 bytes   | {0} [built]            |
| [84]      | (webpack)/hot/log.js                                                         | 1.04 kB     | {0} [optional] [built] |

```

[85] (webpack)/hot/emitter.js 77 bytes {0} [built]
[86] ./node_modules/events/events.js 8.33 kB {0} [built]
[87] ./public/js/app.js 76 bytes {0} [built]
[88] ./src/Main.elm 303 kB {0} [built]
+ 74 hidden modules
webpack: Compiled successfully.
...

```

U3HQVHERX : it says "emitted bundle.js" but i do not see it anywhere  
 U14Q8S4EM : Although I would name it something other than `HandleField`, maybe something more specific to what you are doing

U0JBSEGHY : Yea I am just trying to get it to compile for me first  
 U0JBSEGHY : The thing is having `HandleField String` throws errors on all my `onClick` handlers  
 U0JBSEGHY : That is once I remove the `onInput`  
 U0JBSEGHY : ``The 2nd and 3rd entries in this list are different types of values.

```

325| [Html.form []
326| [input
327| [onChange HandleField
328| , value model.numberToCall
329| , placeholder "Enter a Phone Number"
330| , class "login-form"
331|]
332| []
333|]
334| , h4 [] [text model.numberToCall]
335|> , button [onClick (MakeCall model.numberToCall)] [text "Make Call"]
336|]

```

The 2nd entry has this type:

```
Html (String -> Msg)
```

But the 3rd is:

```
Html (Msg)``
```

U14Q8S4EM : Thats weird. What is `MakeCall`?

U14Q8S4EM : Whats the type?

U0JBSEGHY : ``type Msg = Answer String  
 | MakeCall String``

U0JBSEGHY : ``update... MakeCall number -&gt;  
 ( model, call number )

U14Q8S4EM : I dont know why you are getting that error. Thats weird.

U14Q8S4EM : This wont solve your problem, but you could also do `Msg = MakeCall | ..`

U14Q8S4EM : and then in your update do `(model, call model.numberToCall)`

U0JBSEGHY : This is my `onChange` ``onChange : msg -&gt; Attribute msgonChange message =  
 on "keydown" (JD.succeed message)

U14Q8S4EM : What happens if you exclude the second element, does it compile?