

U3YDBDP4Z : I'm not sure where they come from.

U3YDBDP4Z : I would have assumed the Navigation package but it doesn't mention them

U3YDBDP4Z : And the only other package I have is url-parser, which doesn't have them either

U3YDBDP4Z : Which is confusing, since I use them in Update.elm but they are not imported from anything

U48AEBJQ3 : If you are using them somewhere, they are either defined there or they are imported. This is a reason to not import `exposing` (...), since it makes it more difficult to know where things come from. The navigation package doesn't define any constructors by those names.

U3YDBDP4Z : Haha, you are absolutely correct

U3YDBDP4Z : I was having a brain fart

U4872964V : <@U5FC7BE0G> `if model.something == Nothing then Cmd.none else someCmd` perhaps. If you're not interested in the actual contents of the `Just`

U5FC7BE0G : <@U4872964V> my example was actually a bit wrong. What I actually needed was this:

...

```
case model.something of
```

```
    Just x ->
```

```
        doSomething model.something
```

```
    Nothing ->
```

```
        Cmd.none
```

...

I ended up creating this helper:

...

```
maybeRunCmd : (a -> Cmd msg) -> Maybe a -> Cmd msg
```

```
maybeRunCmd f maybe =
```

```
    maybe
```

```
        |> Maybe.map f
```

```
        |> Maybe.withDefault Cmd.none
```

...

... which works like a charm :slightly_smiling_face:

U4872964V : great

U0J8D9M2P : ````But the returned value (shown above) is a:

```
{ altitude : number, azimuth : number1 }
```

...

Why does it says `number1`?

U41NK9BM4 : IIRC it is a way to say: could be a different type than the other `number`

U41NK9BM4 : (Int vs. float - for example)

U635238TG : i'm doing the intro guide and it had me clone over the code examples. however, i want to write these programs myself while I go along. Can I just open up an example.elm file in my text editor, write the code with the tutorial and then...what. Run elm-make to make an html file? and then I can just throw that in the browser to see if it worked?

U0J8D9M2P : you can do it with elm-reactor as well

U0J8D9M2P : which will compile elm files and serve them for you

U635238TG : i see. i guess the examples in the tutorial also happen to be in the directory i installed so I can just open up those exact files with my text editor

U2SR9DL7Q : <@U635238TG> i typically use elm reactor for every meaningful change to quickly test functionality in localhost. elm-make I save for when I'm pushing to remote repo. But I know a lot of folks use automated build tools that run elm-make on every save sometimes.

U0J8D9M2P : You can use `elm-reactor` when you working only with Elm files. If you working with custom setup, e.g. you integrate Elm into html page, then e.g. `webpack` can help with automated compilation.

U2SR9DL7Q : <@U0J8D9M2P> elm-reactor wont work with js interop right?

U60ERSLUQ : I cannot install elm on redhat:

U60ERSLUQ : root@m4sxvmvsm6h4 APP ~\$ uname -aLinux m4sxvmvsm6h4 2.6.32-642.4.2.el6.x86_64 #1 SMP Mon Aug 15 02:06:41 EDT 2016 x86_64 x86_64 x86_64 GNU/Linux

root@m4sxvmvsm6h4 APP ~\$ node --version

```
v8.1.3
root@m4sxvmvsm6h4 APP ~$ npm --version
5.0.4
root@m4sxvmvsm6h4 APP ~$ npm install -g elm
npm WARN deprecated node-uuid@1.4.8: Use uuid module instead
/usr/bin/elm -&gt; /usr/lib/node_modules/elm/binwrappers/elm
/usr/bin/elm-make -&gt; /usr/lib/node_modules/elm/binwrappers/elm-make
/usr/bin/elm-reactor -&gt; /usr/lib/node_modules/elm/binwrappers/elm-reactor
/usr/bin/elm-repl -&gt; /usr/lib/node_modules/elm/binwrappers/elm-repl
/usr/bin/elm-package -&gt; /usr/lib/node_modules/elm/binwrappers/elm-package
```

```
&gt; elm@0.18.0 install /usr/lib/node_modules/elm
&gt; node install.js
```

```
Error extracting linux-x64.tar.gz - Error: EACCES: permission denied, mkdir '/usr/lib/node_modules/elm/Elm-Platform'
npm ERR! code ELIFECYCLE
npm ERR! errno 1
npm ERR! elm@0.18.0 install: `node install.js`
npm ERR! Exit status 1
npm ERR!
npm ERR! Failed at the elm@0.18.0 install script.
npm ERR! This is probably not a problem with npm. There is likely additional logging output above.
```

U60ERSLUQ : Any idea ? If I create the /usr../elm directory manually it will be deleted during installation.

U0J8D9M2P : <@U2SR9DL7Q> It can serve files but it will not automatically compile elm files into specific output file for you (which you can specify with elm-make command). So with `webpack` can handle this work.

U0J8D9M2P : <@U60ERSLUQ> it says `permission denied` are you sure you have correct rights to write into that directory?

U60ERSLUQ : I have run it as root. Permissions of /.../node_modules are 755, owner root:root.

U60ERSLUQ : I could run 'node install bower'

U0J8D9M2P : It's not recommended but have you tried to run that with `sudo` ?

U60ERSLUQ : <@U0J8D9M2P> : Same behaviour with sudo

U0J8D9M2P : <<https://www.npmjs.com/package/elm>> It has Troubleshooting section

U0CLDU8UB : How about not running as root?

U60ERSLUQ : <@U0J8D9M2P>: I check the troubleshooting section: npm has the latest version, npm cache is ok.

U0CLDU8UB : Anyway, here's a troubleshooting page for npm permission issues:

<<https://docs.npmjs.com/getting-started/fixing-npm-permissions>>

U60ERSLUQ : <@U0CLDU8UB> <@U0J8D9M2P> setting npm config prefix (It was /usr) to a local non-root directory as described in <<https://docs.npmjs.com/getting-started/fixing-npm-permissions>> finally worked. Many thanks for your help.

U604S603Y : is there a way to decode a "naked" JSON array into an Elm List? I have a type alias "Foo" with a field "x", and I'm trying to decode an array like this: [{ x: 5}, {x: 3}]

I got it working for one "Foo" {x:5}, but not for many.

U1AN4JRFV : <@U604S603Y>: Json.Decode.list does that

U1AN4JRFV : `Json.Decode.list decodeItem`

U1AN4JRFV : <<http://package.elm-lang.org/packages/elm-lang/core/5.1.1/Json-Decode#list>>

U604S603Y : ah okay, I tried to call succeed (Json.Decode.list decodeItem)

U604S603Y : thank you <@U1AN4JRFV>

U3SJEDR96 : <@U2SR9DL7Q> <@U0J8D9M2P> <<https://blog.ilias.xyz/elm-reactor-and-custom-html-9e7143553807>> fyi :slightly_smiling_face:

U2SR9DL7Q : <@U3SJEDR96> knowledge is power :+1:

U601ELFEG : Is equality for records value equality or entity identity?

U601ELFEG : `{ item: "wheel", size: 3.5 } == { item: "wheel", size: 3.5 }`

U601ELFEG : tested it (with the correct syntax) - value equality!

U3SJEDR96 : <@U601ELFEG> everything is or should be, with a few exceptions where it's not really defined

U62KVQVD1 : Can somebody share link to some example how to properly do SPA routing with elm-bootstrap, please?

U17PWHU4D : hi all, quick question, I'm sure its been asked before, but struggling to find the right answer.

what's the best pattern for requiring ternary values in a view?

ie.

...

```
rect
  [ x "0"
    , y "0"
    , fillOpacity (model.isActive ? "1" : "0.5") &lt;--- here
    ]
[]
...
```

U17PWHU4D : if i try to create the value inside the let, the compiler says i'm trying to assign a value to `if` .

U17PWHU4D : same with case.

U601ELFEG : I seem to have made the Elm go into an infinite loop by introducing a helper function

U601ELFEG : anyone will to lend a second pair of eyes?

U601ELFEG : (It's about 30 lines of example - post here? or a github gist?)

U5AR0LDQA : <@U17PWHU4D> `fillOpacity if model.isActive then "1" else "0.5"``

U601ELFEG : (I know, it says Haskell, but there is no Elm format for Slack snippets...)

U601ELFEG : So if my Html sends back a Msg of NoHover --- it works... If it sends back NoHoverCrashes --- it hangs

U601ELFEG : and yet they look the same to me