

U3SJEDR96 : twice? :smile: Good job :slightly\_smiling\_face:  
 U4JT89FGB : ha, yes twice. you put in all that work for me, i figured i'd try to get as much as i could out of it :smile:  
 U3SJEDR96 : That's awesome, I'm really happy to hear you found it useful! (Or \_so\_ mystifying you had to do it twice.  
 :sweat\_smile: )  
 U4JT89FGB : no no, it actually didn't take long even the first time.. but it did help me grok a lot of what i'd been  
 copy-pasta for a while now  
 U3SJEDR96 : Cool! If you want a challenge, you could always try implementing `at` without using `at`  
 :slightly\_smiling\_face:  
 U5FC7BE0G : I have an API that returns either

```
...
{ "data": {...} }
...
```

... or in case of an error:

```
...
{ "error": "..." }
...
```

The status is 200 in both cases. What would be a good approach to decode this?

U1CHKCKBR : <@U48AEBJQ3> nice one, there's an odd behaviour at combo input (click and key press)  
 U4JT89FGB : <@U5FC7BE0G> I think `Decode.oneOf` is what you're looking for  
 U3SJEDR96 : <@U5FC7BE0G> What's your end-goal? Do you want to handle the `error`, do you want to get an `Err`  
 when you get that, ..?  
 U1CHKCKBR : <@U48AEBJQ3> a nice one done in vue <<http://vue-keyboard.martywallace.com/>>  
 U5FC7BE0G : but what would the type look like?  
 I know I could do something like

```
...
type alias MyResult = { data: Maybe MyData, error: Maybe String }
...
```

U5FC7BE0G : <@U3SJEDR96> yes an Err would be preferable  
 U0LPMPL2U : Could you do something like:``

```
JD.oneOf
[ JD.field "data" myDataDecoder
, JD.field "error" (JD.string |> JD.andThen JD.fail)
]
```

U3SJEDR96 : Yeah, that would work.. You would get a `I ran into a failure decoder: ` thing in the Err case, but eh  
 U3SJEDR96 : I suppose, if that's unacceptable, you could take that a little further and make a custom response handler  
 - <<https://ellie-app.com/3GPkxJJjHQna1/0>>  
 U3SJEDR96 : Though you'd still have a String in the error case  
 U641LDZFU : Evening (or whatever time of day it is where you are) all, I am having problems with union types (again)...  
 is it possible to have a list filled with different types and then run a filter on that list? here is a demo of what I am trying  
 to achieve:  
 U641LDZFU : <<https://gist.github.com/allansideas/9a2c513d1b4add499b1605abe5d69ed4>>  
 U3SJEDR96 : Right, so you need to be explicit about the types of entries in a List. Doing that would yield something like  
 this: <<https://ellie-app.com/3GPpVLz2wdRa1/0>>  
 U3SJEDR96 : Oh, `Record` is actually defined, missed that: <<https://ellie-app.com/3GPpVLz2wdRa1/1>>  
 U641LDZFU : heh :slightly\_smiling\_face:  
 U641LDZFU : I believe you taught me that bit last time :smile: