

U153UK3FA : Changing `expect = Http.expectStringResponse (_ -> Ok ())` to be ` , expect = Http.expectStringResponse (_ -> Ok "pizza")` will make the result always be "pizza" ignoring the actual response

U4H406NET : Thank you, it compiled and matched the error case in the update function.

U68471J6P : I'm thinking of building my first "real" Elm website with Elixir for the back-end. Which part should I build first, the front-end or the back-end?

U0CLDU8UB : I'd say either way you will be building them side by side

U0CLDU8UB : Building the frontend makes you realize the API needs to be changed, so then you switch to the backend side

U5P4FLYLE : Hi, I have the following compilation error:``The definition of `rangeFrameHintDot` does not match its type annotation.

```

100| rangeFrameHintDot : Maybe Point -> Float -> Float -> DataPoint Msg
101| rangeFrameHintDot hinted x y =
102|> { view = Just (myCircle x y)
103|> , viewHint = Nothing
104|> , x = x
105|> , xLine = Maybe.andThen (flashyLine x y) hinted
106|> , xTick = Just (simpleTick x)
107|> , y = y
108|> , yLine = Maybe.andThen (flashyLine x y) hinted
109|> , yTick = Just (simpleTick y)
110|> }

```

The type annotation for `rangeFrameHintDot` says it always returns: DataPoint Msg

But the returned value (shown above) is a:

```

{ view : Maybe (Svg Msg)
, viewHint : Maybe a
, x : Float
, xLine : Maybe (AxisSummary -> LineCustomizations)
, xTick : Maybe TickCustomizations
, y : Float
, yLine : Maybe (AxisSummary -> LineCustomizations)
, yTick : Maybe TickCustomizations
}

```

Hint: The record fields do not match up. Maybe you made one of these typos? x <-> y xLine <-> yLine xTick <-> yTick y <-> x yLine <-> xLine yTick <-> xTick``

I look above and see the same thing...Do you know how to proceed in such a case?

U3SJEDR96 : could you show the definition of `DataPoint`?

U3SJEDR96 : oh, there <<http://package.elm-lang.org/packages/terezka/elm-plot/latest/Plot#DataPoint>>

U3SJEDR96 : you have `viewHint` rather than `hint`

U5P4FLYLE : <@U3SJEDR96> yes it should be `hint`. Thanks!!!

U666LA9NK : Hi, I am very new to elm. I have questions regarding good practices of updating internal intermediate status. If I have the case of ``

```

type alias Model =
{ number : Int
, numberIsTooLarge: Bool
}
...

```

I want `numberIsTooLarge` to be automatically be updated along with `number`. What is the best practice to do this? Shall I include the code to update `numberIsTooLarge` when handling all the cases that `number` is updated, or is there a better way to do that in elm?

U2XRG0UKA : When does you use `numberIsTooLarge`? Do you reference it once in the view to display an error message?

U153UK3FA : don't store what you can calculate

U2FL3ARLG : right, I'd say you don't need `numberIsTooLarge` in your model, but a function `numberIsTooLarge : Model -> Bool` that you can use anywhere

U666LA9NK : <@U2XRG0UKA> I use it in multiple places in view and when update some other messages.

U666LA9NK : <@U2FL3ARLG> yeah you are right. I did not think of that. Thanks~

U2SR9DL7Q : who likes a good math challenge?

U4872964V : who doesn't? :slightly_smiling_face:

The `Domino` here is just a type defined by two integers.

But I've messed it up in the inner function so the compiler is yelling
...

a -> Domino

But the left argument is:

Domino
...

U2SR9DL7Q : I just added a new comment in beginner channel that adds more clarity. But you're speaking in haskellian right now, and I haven't done that in `_awhile_`. It's honestly going to take me a few minutes to parse that statement and then I can tell you.

U3SJEDR96 : I think you want to move that ``): `List.map (\x -> List.map (\y -> Domino x y) <| List.range x highest) <| List.range 0 highest`

U48AEBJQ3 : <<https://ellie-app.com/3KQ5Rq7VdHNa1/0>> ?

U2SR9DL7Q : That... worked? It says I've created a list of a list of dominoes. But If I can just flatten that, I should be fine.

U3SJEDR96 : `concatMap` to the rescue

U2SR9DL7Q : <@U48AEBJQ3> your solution is probably the more clever, FP way to do it, but I'll have to sit and study it.

U3SJEDR96 : or what <@U48AEBJQ3> did, which is nice :slightly_smiling_face:

U3SJEDR96 : the observation that for every element in the range, you only want to make combinations of the element and everything that follows is clever :slightly_smiling_face:

U2SR9DL7Q : Yes, but it's very imperative thinking. I've just made the elmy equivalent of ``

for i in range(0, num):

for j in range(i, num):

...