

U48AEBJQ3 : Which would have you change `transition ArticleLoaded (Article.init model.session slug)` to `transition (Article.init ArticleLoaded model.session slug)`

U48AEBJQ3 : And `transition` would look like:

...

transition cmd =

```
{ model | pageState = TransitioningFrom (getPage model.pageState) }  
=> cmd
```

...

U39DE7RQ9 : <@U48AEBJQ3> thanks, I will try that!

U39DE7RQ9 : <@U48AEBJQ3>, now that code seems to compile. The next problem is that in my subscriptions I need to point to messages that resides in my HomePage module. The compiler says:``

23:08:12 client.1 | The type annotation for `subscriptions` says it always returns:

23:08:12 client.1 | Sub Msg

23:08:12 client.1 | But the returned value (shown above) is a:

23:08:12 client.1 | Sub HomePage.Msg

...

U39DE7RQ9 : I know it is possible to map messages some how but I cant find how.

U48AEBJQ3 : <@U39DE7RQ9> <<http://package.elm-lang.org/packages/elm-lang/core/5.1.1/Platform-Sub#map>>

U48AEBJQ3 : You need something of `HomePage.Msg` -> `Msg`

U48AEBJQ3 : Usually a constructor of `Msg`

U39DE7RQ9 : <@U48AEBJQ3> a function that encapsulates HomePage.Msg in a Msg?

U48AEBJQ3 : Right, usually a tag of `Msg`

...

type Msg

...

```
| SubscriptionEvent HomePage.Msg
```

...

U39DE7RQ9 : Im sorry <@U48AEBJQ3> but I cannot seem to puzzle this out by my self. I have added

`SubscriptionEvent HomePage.Msg` message but my subscriptions look like this tight now and it does not compile.``

subscriptions : Model -> Sub Msg

subscriptions model =

```
Sub.batch  
  [ gotAllPublicForms (SubscriptionEvent (HomePage.GotAllPublicFormsMsg && decodeValue  
    jsonFormListDecoder))  
    , gotForm (SubscriptionEvent (HomePage.GotFormMsg && decodeValue jsonFormDecoder))  
  ]
```

...

U39DE7RQ9 : My ports look like this:``

port getAllPublicForms : () -> Cmd msg

port gotAllPublicForms : (Json.Decode.Value -> msg) -> Sub msg

port getForm : FormId -> Cmd msg

port gotForm : (Json.Decode.Value -> msg) -> Sub msg

...

U39DE7RQ9 : The compiler says:``

23:44:13 client.1 | 267| gotAllPublicForms (SubscriptionEvent (HomePage.GotAllPublicFormsMsg && decodeValue jsonFormListDecoder))

23:44:13 client.1 |

~~~~~

23:44:13 client.1 | Function `gotAllPublicForms` is expecting the argument to be:

23:44:13 client.1 | Value -> Msg

23:44:13 client.1 | But it is:

23:44:13 client.1 | Msg

...

U48AEBJQ3 : <@U39DE7RQ9> There are different places to tackle this from. I think from how you are doing it here,

you need `gotAllPublicForms (SubscriptionEvent &lt;&lt; HomePage.GotAllPublicFormsMsg &lt;&lt; decodeValue jsonFormListDecoder)`

U69D8R59S : Good way to call a function N times? In my specific case, I'm trying to simulate a dice roll by updating my model with random values for a few seconds.

U153UK3FA : <@U69D8R59S> calling a function N times really depends on what you want to do with the N results

U153UK3FA : do you want a list of these results?

U69D8R59S : I want to replace a property on my model N times

U153UK3FA : ah, wanting to animate a die face by having it transition between numbers?

U69D8R59S : Yes, exactly! :slightly\_smiling\_face:

U153UK3FA : <<http://package.elm-lang.org/packages/mdgriffith/elm-style-animation/latest>> is nice for doing animation