

```
U2LAL86AY : ```type alias NewsItem = { id : Int , content : List (Html Msg) , userId : 1 , chatId : 2 }
```
```

This should not compile

U2LAL86AY : you have values mixed with types.

U2LAL86AY : also is not so good to have `content : List (Html Msg)` is better to just keep the data on your model , not html + data.

U641LDZFU : Ah, that was causing me trouble :slightly\_smiling\_face:

U2LAL86AY : i will do a rewrite here.

U641LDZFU : Ah sorry, that was an progress update to: ``` type alias ChatMessage =

```
{ id : Int
 , chatId : Int
 , userId : Int
 , content : List (Html Msg)
}
```

type alias Transition =

```
{ transitionType : String, toStoryNode : Int, text : Maybe String }
```

type alias ChatNodeItem =

```
{ id : Int, nodeType : String, nodeContent : StoryNodeContent, state : Maybe String, transitions : List Transition }
```

type alias NewsItem =

```
{ id : Int
 , content : List (Html Msg)
}
```

type alias NewsNodeItem =

```
{ id : Int, nodeType : String, nodeContent : StoryNodeContent, state : Maybe String, transitions : List Transition }
```

type StoryNode

```
= ChatNode ChatNodeItem
| NewsNode NewsNodeItem
```

type StoryNodeContent

```
= NewsItemContent NewsItem
| ChatMessageContent ChatMessage
```

type alias Player =

```
{ visitedStoryNodes : List StoryNode
 , currentStoryNode : Maybe StoryNode
}
```

type alias Model =

```
{ player : Player
}
```

```
```
```

U2LAL86AY : i understand what you are going after.

U2LAL86AY : why do you need to have `content : List (Html Msg)`
U2LAL86AY : auch ! :smile:
U641LDZFU : Vielen Dank!
U2LAL86AY : ```type Msg
= NoOp

```
type alias Model =  
  { player : Player }
```

```
type alias Player =  
  { visitedStoryNodes : List StoryNode, currentStoryNode : Maybe StoryNode }
```

```
type StoryNode  
  = ChatNode ChatNodeItem  
  | NewsNode NewsNodeItem
```

```
type StoryNodeContent  
  = NewsItemContent NewsItem  
  | ChatMessageContent ChatMessage
```

```
type alias ChatNodeItem =  
  { id : Int, nodeType : String, nodeContent : StoryNodeContent, state : Maybe String, transitions : List Transition }
```

```
type alias NewsNodeItem =  
  { id : Int, nodeType : String, nodeContent : StoryNodeContent, state : Maybe String, transitions : List Transition }
```

```
type alias ChatMessage =  
  { id : Int, content : List (Html Msg), chatId : Int, userId : Int }
```

```
type alias NewsItem =  
  { id : Int, content : List (Html Msg) }
```

```
type alias Transition =  
  { transitionType : String, toStoryNode : Int, text : Maybe String }
```

...

U2LAL86AY : i need that function causing the problem
U641LDZFU : The problem is it's many :slightly_smiling_face:
U641LDZFU : I think I will have another hack at it tomorrow
U2LAL86AY : ```Hint: Problem in the `nodeContent` field. Looks like a record is missing these fields: chatId and userId
...

This error has a line number

U641LDZFU : yeah, that's why I thought I needed another union type for nodeContent
U641LDZFU : so they could also be different-but-the-same
U2LAL86AY : oh
U2LAL86AY : no
U2LAL86AY : :))
U641LDZFU : I better get to bed, thanks again!!
U5R6L5MT4 : Hi

U5R6L5MT4 : At Elm Europe someone talked about compiling two Elm component at once to be able to load them afterwards without compiling Elm twice

U5R6L5MT4 : I also had another question about loading the same elm component multiple times on the same page