

U5ABF3BH7 : Hi! I am writing a Json.Encode function to create an object in the back end, in my database. I have a Kase. ``type alias kase = { name : String, organization : Maybe Organization.Model, ...} ``. The field organization is a Maybe. If there is no organization entered, I don't want that field passed in my Json object. as it will give me some validation errors. How can I do that? I can only think of doing List.append. This is how the code looks like if an organization exists

```
U5ABF3BH7 : ``Json.object [ ("name", Json.string model.name)
, ( "organization_attributes", Json.string model.organization)
]``
```

U5ABF3BH7 : any advice

U5ABF3BH7 : ?

U5ABF3BH7 : but if there is not organization, I only want

```
U5ABF3BH7 : ``Json.object [ ("name", Json.string model.name)]``
```

U5ABF3BH7 : (this is a simplified version)

```
U3DQT3ZGC : Hi All! Is there a way to detect if an image is loaded in Elm like this? ``const templImage = new
Image(500, 500);templImage.addEventListener('load', doSomething);
```

```
templImage.src = url;
``
```

U0K92QFST : <@U3DQT3ZGC> Elm allows you to define custom event handlers for any HTML tag:

```
<http://package.elm-lang.org/packages/evancz/elm-html/4.0.0/Html-Events#on>
```

U48AEBJQ3 : <@U5ABF3BH7> There are a few ways of doing it. One might be:``

```
Json.object (List.filterMap identity [Just ("name", Json.String model.name), Maybe.map (\org ->
("organization_attributes", Json.String org))])
``
```

U0K92QFST : <@U5ABF3BH7> <@U48AEBJQ3> here's what I came up with:``

```
let
  nameField = ("name", Json.string model.name)
in
  case model.organization of
    Just org ->
      nameField :: [("organization_attributes", Json.string org)]
    Nothing ->
      [nameField]
``
```

U48AEBJQ3 : And there is another :simple\_smile:.

U0FP80EKB : This``

```
nameField :: [("organization_attributes", Json.string org)]``
can just be
```

```
``[nameField, ("organization_attributes", Json.string org)]
``
```

U3DQT3ZGC : So this this should work ? `Html.img [ on "load" (Json.succeed message), src "image.jpg" ] []`

U5ABF3BH7 : <@U48AEBJQ3> <@U0K92QFST> <@U0FP80EKB> Thanks a lot!

U0K92QFST : <@U3DQT3ZGC> if the load event listener works as I suspect, then yes, it should work.

U3DQT3ZGC : Ok, I'll try it, thanks!

U3DQT3ZGC : It's interesting, I want to load 25 images and know when they're all loaded. And in JS I did this by the use of Promises. Any idea on how to do this in Elm without counting the times I get the `load` event?

U3DQT3ZGC : I guess if the code above works, thats probably the way to keep track..

U3DQT3ZGC : But feels a bit hacky

U0K92QFST : <@U3DQT3ZGC> if each image has some sort of unique identifier, you could add it as a tag to the message that represents an image being loaded

U0K92QFST : then in your model you can track which images have been loaded