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REALKINETIC

YOUR POTENTIAL REALIZED

```
type Msg
    = MorePlease
    | NewGif (Result Http.Error String)



update : Msg -> Model -> (Model, Cmd Msg)
update msg model =
  case msg of
    MorePlease ->
      (model, getRandomGif model.topic)

    NewGif (Ok newUrl) ->
      ( { model | gifUrl = newUrl }, Cmd.none)

    NewGif (Err _) ->
      (model, Cmd.none)
```

```elm
getRandomGif : String -> Cmd Msg
getRandomGif topic =
  let
    url =
      "https://api.giphy.com/v1/gifs/random?"
      ++ "api_key=dc6zaTOxFJmzC&tag=" ++ topic

    request =
      Http.get url decodeGifUrl
  in
    Http.send NewGif request


decodeGifUrl : Decode.Decoder String
decodeGifUrl =
  Decode.at ["data", "image_url"] Decode.string
```

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