

real_kinetic.com/real_kinetic



REAL KINETIC

YOUR POTENTIAL REALIZED

```
import Html exposing (Html, button, div, text)
import Html.Events exposing (onClick)

main =
  Html.beginnerProgram { model = model, view = view, update = update }

model = 0

type Msg = Increment | Decrement

update msg model =
  case msg of
    Increment ->
      model + 1

    Decrement ->
      model - 1

view model =
  div []
    [ button [ onClick Decrement ] [ text "-" ]
    , div [] [ text (toString model) ]
    , button [ onClick Increment ] [ text "+" ]
    ]
```

```

from jinja2 import Template

def main():
    return SomeProcessor(model, view, update)

class Msg:
    Increment = "INCREMENT"
    Decrement = "DECREMENT"

class Model(object):

    def __init__(self, count):
        self.count = count

def model():
    return Model(0)

def update(msg, model):
    if msg == Msg.Increment:
        model.count += 1
    elif msg == Msg.Decrement:
        model.count -= 1

    return model

TEMPLATE = """
<div>
    <button onClick="decrement()">-</button>
    <div>{{ count }}
    <button onClick="increment()">+</button>
</div>
"""

def view(model):
    template = Template(TEMPLATE)
    return template.render(count=model.count)

```

```

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