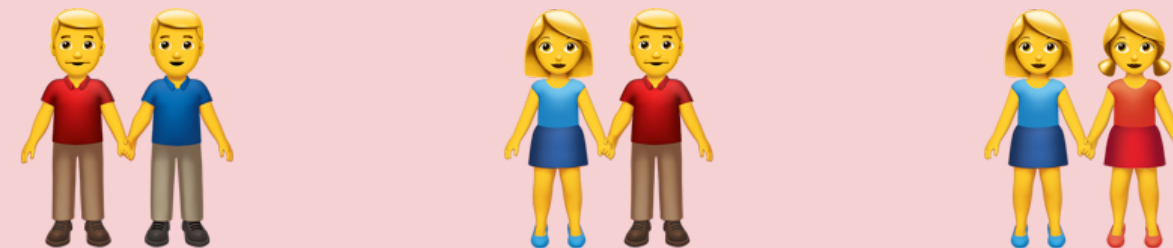


# A happy couple: utilizing Javascript in an Elm app



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**“At some point your Elm  
program is probably going to  
need to talk to JavaScript.”**

*–Elm guide*

# Why?

## From Elm: real use cases

- Google Analytics
- Scroll events
- Modals (alert, prompt etc.)
- JS libraries

# Why?

## **To Elm: real use cases**

- Integrate Elm into an existing app
- Use Elm for a specific task (eq. visualization)
- Use static data to setup an Elm app

# How: ports

- Port modules
- Outbound: Cmd
- Inbound: Sub(subscription)
- Border protection

Demo

# How: flags

- Server rendered data
- Javascript evaluation
- Attributes
- External app data

# About JS tooling

- Webpack and the like
- NPM scripts
- Transpilers
- Code quality

Demo

# That's it.

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