Writing web application in Ruby

Prologue

Hyalite

Hyalite

- Ruby
- Run on browser (Opal)
- React.js like Virtual DOM

Opal

-

MRI

Symbol is String

```
{ key: "value" }
```

HashJavaScriptObject

Kernel#proc

Kernel#proc

```
def fun(*args, &block) # block
  @proc = block
  # @proc = proc { yield }
end
```

Eco system

- opal-browser

- React.js
- React.js
- port
-

Refactor & Rebuild

- RefactorRuby-ish

Virtual DOM

- DOMDOMDOM

Short hand

```ruby
def render
  div(nil,
    h2(nil, @props[:title]),
    h3(nil, "count = #{@state[:now]}"))
end
```

Flux?

Example

- Todo MVC

This slide app

isomophic

Ruby...

Run the same code on browser and server

- Varidation
- Model
- Routing

Varidation

-
-
-

Model

- Object mershaling

Flux

Ruby-ish

- Flux

Future

- Isomophic
    - Integration with server side
    - FluxHyalite
- Desktop app using Electron
- Ruby motion and HyaliteNative

Hobby programming

- Front-end
-

Future

- Refactoring
- Testng
- Documentation

- RubyVirtual DOMHyalite
- Web Front-endRuby
- RubyistRubyWeb applicationFront-end ruby
- Fun programming!