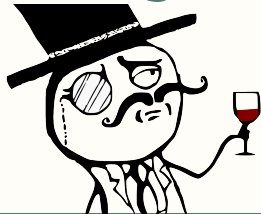


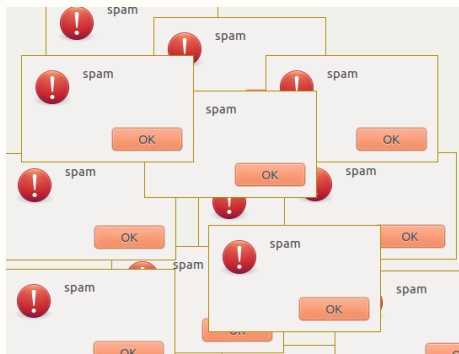
Making JavaScript respectable



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JavaScript has issues ...

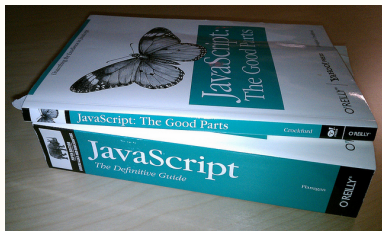


```
alert('spam');
```

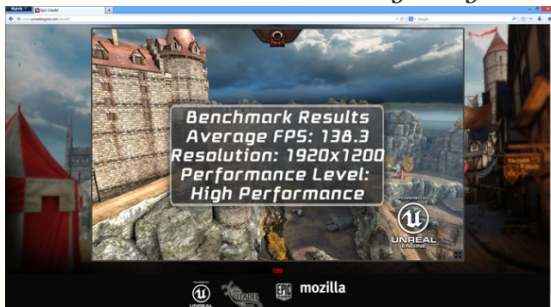
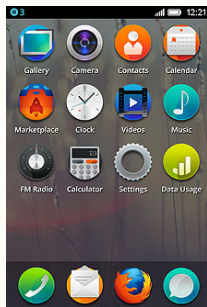
```
failowl:~(master!?) $ jsc  
> [] + []  
  
> [] + {}  
[object Object]  
> {} + []  
0  
> {} + {}  
NaN  
> █
```

Wat @garybernhardt

...but JavaScript has good parts too

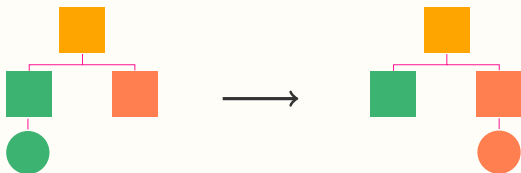


- prototypes
- dynamic typing
- first-class functions
- event loop
- *comprehensions*
- *lambdas*
- *destructuring assignments*



Controlling JavaScript programs

How to maintain “arbitrarily structured” code ?



How to enforce **dynamic code conventions** ?

[int, int, int] eval(user_input)

JavaScript control *sur mesure*:

- optional types,
- contracts

Tool support for **practical**:

- prototyping,
- debugging,
- dynamic analyses

Making JavaScript respectable



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