

Organisms



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The Plan



What's an organism?

Design tips

- Strong opinions are a feature
- Keep organisms dumb

Let's code!

- `RegistrationForm`



Organisms





Complex

Composed of molecules and atoms

Reusable, higher-level patterns

May be a façade



Organism Design Tips



Tip 1


Strong Opinions Are a Feature



Decision:
What underlying props
should be exposed?



Password *

label

onChange

maxLength

minLength

placeholder

showVisibilityToggle

quality

Should I expose
any of these as a
prop on the
RegistrationForm
organism?



Why Limit Props?



Strong opinions lead to...

- Consistency
- Smaller API
- Easier to understand
- Single responsibility
- Less surface area to test
- Fewer bugs

Avoid exposing all the underlying molecule and atom props.



Tip 2

Keep Your Organisms Dumb

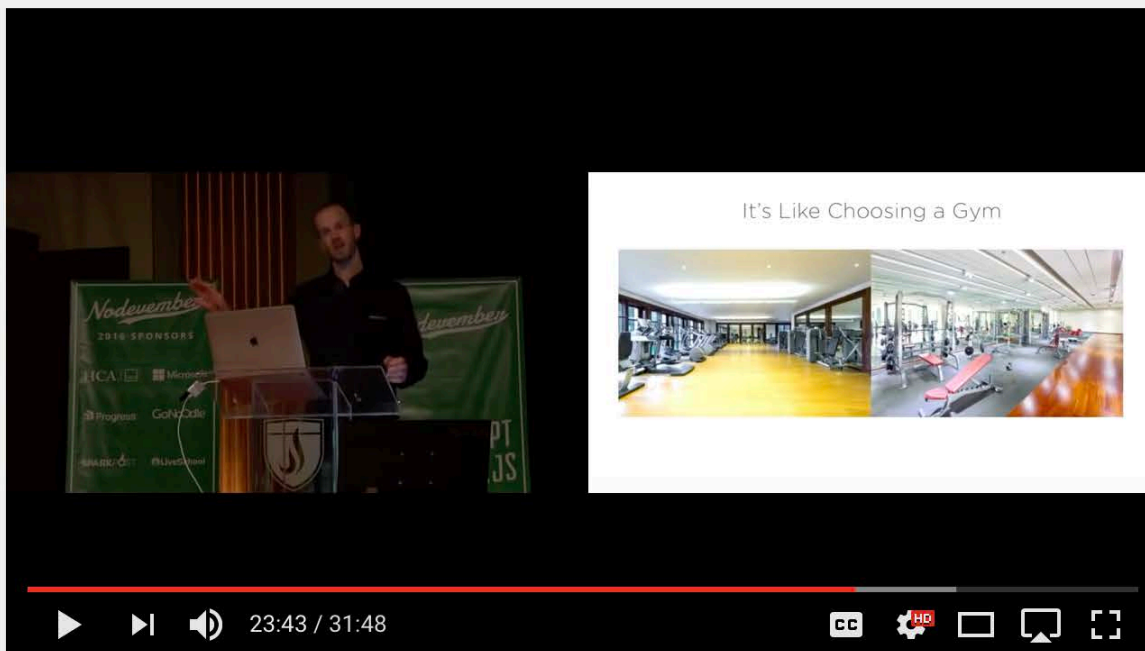


Warning:
Organism \neq app



Use containers to save
people time





The Javascript Starter Kit Manifesto



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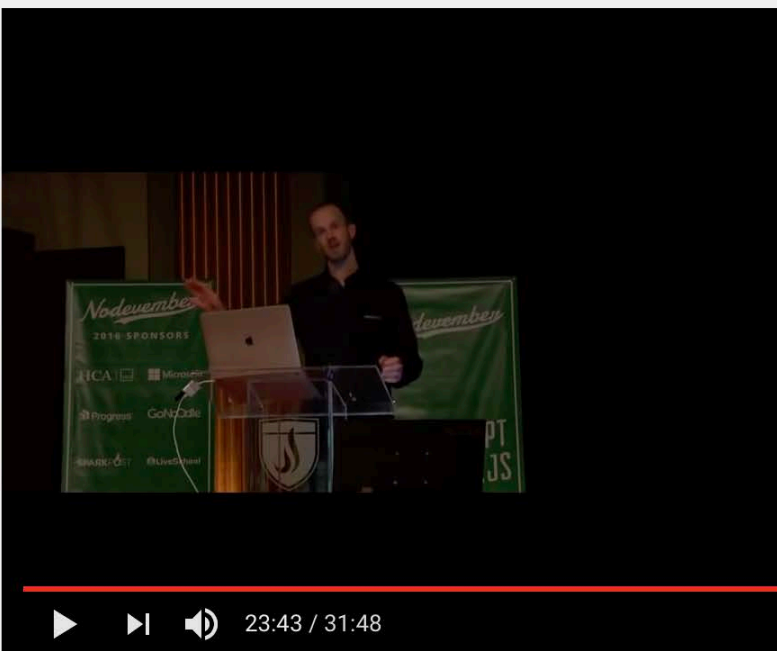
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Add a public comment...

Header.js

Avoid embedding API calls, authentication, in organisms.



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Keep organisms “dumb”

Here's why:

- Out-of-sync issues
- Over fetching
- Duplicated code
- Tight coupling
- Brittle
- Impedes changes



Atoms, Molecules, and Organisms

Functions that return HTML





Sign in to your account

Email address (required)

2

Password (required)

Show 2

[Forgot password?](#)

Sign In

Don't have an account?

[Create a new account](#)



Demo



Organism: Registration Form



Summary



Atoms: Smallest piece

Molecules: Group of atoms

Organisms: Group of atoms & molecules

Tips

- Strong opinions are a feature
- Keep organisms dumb

Next up: Styling reusable components

