ROB TARR

@robtarr

SPARK BOX

NEW & IMPROVED

RESPONSIVE

WEB DESIGN

NOW WITH *JavaScript!*

Fluid Grids
Flexible Media
+ Media Queries

Fluid Grids

Flexible Media

\+ Media Queries

= RESPONSIVE

Fluid Grids
Flexible Media
+ Media Queries

Fluid Grids

Flexible Media

Media Queries

\+ JavaScript

\= AWESOME

ADAPTIVE
WEB DESIGN
Crafting Rich Experiences
with Progressive Enhancement
by Aaron Gustafson
Foreword by Jeffrey Zeldman
@AaronGustafson

RESPONSIVE JAVASCRIPT

Progressive Enhancement

"...uses web technologies in a layered fashion that allows everyone to access the basic content and functionality of a web page... while also providing an enhanced version of the page...

http://en.wikipedia.org/wiki/Progressive_enhancement

RESPONSIVE JAVASCRIPT

Aggressive Enhancement

“...treating content itself as an enhancement.”

http://globalmoxie.com/blog/making-of-people-mobile.shtml

RESPONSIVE JAVASCRIPT

Aggressive Enhancement

http://filamentgroup.com/lab/ajax_includes_modular_content/

https://github.com/filamentgroup/Ajax-Include-Pattern/

https://github.com/filamentgroup/quickconcat

http://24ways.org/2011/conditional-loading-for-responsive-designs

RESPONSIVE JAVASCRIPT

Enhanced Content

Loading Content Based on Media Queries

RESPONSIVE JAVASCRIPT

eCSSential

A better way to load CSS files?

http://github.com/scottjehl/eCSSential

RESPONSIVE JAVASCRIPT

eCSSential

A better way to load CSS files?

http://github.com/scottjehl/eCSSential

http://github.com/filamentgroup/quickconcat

RESPONSIVE JAVASCRIPT

Polyfills

A shim that mimics a future API providing fallback functionality to older browsers.

http://paulirish.com/i/7570.png

RESPONSIVE JAVASCRIPT

Polyfills

http://bit.ly/eBMoLW

RESPONSIVE JAVASCRIPT

Polyfills

http://bit.ly/eBMoLW

https://github.com/scottjehl/Respond

RESPONSIVE JAVASCRIPT

Polyfills

http://bit.ly/eBMoLW

https://github.com/scottjehl/Respond

https://github.com/paulirish/matchMedia.js

RESPONSIVE JAVASCRIPT

Polyfills

http://bit.ly/eBMoLW

https://github.com/scottjehl/Respond

https://github.com/paulirish/matchMedia.js

https://github.com/scottjehl/picturefill

RESPONSIVE JAVASCRIPT

Roles

Performance

Enhancing User Interactions

Polyfills

RESPONSIVE JAVASCRIPT

position: fixed

RESPONSIVE JAVASCRIPT

position: fixed

https://github.com/filamentgroup/fixed-fixed

RESPONSIVE JAVASCRIPT

position: fixed

https://github.com/filamentgroup/fixed-fixed

http://github.com/scottjehl/Device-Bugs/issues/1

RESPONSIVE JAVASCRIPT

orientation change bugs

https://github.com/scottjehl/iOS-Orientationchange-Fix

RESPONSIVE JAVASCRIPT

respond.js

http://scottjehl.github.com/respond

RESPONSIVE JAVASCRIPT

matchmedia

http://github.com/paulirish/matchMedia.js

http://github.com/sparkbox/mediaCheck

RESPONSIVE JAVASCRIPT

Typography

HOME | ABOUT | SHIRTS | CONTACT

APPAREL FOR RESPONSIVE-BUILDING, MEDIA QUERYING WEB CITIZENS.

YOU DECIDE 2012

SIZE US UP AND VOTE

WTH?

SHOW ME THE SHIRTS ➡

RESPONSIVE JAVASCRIPT

Typography

http://fittextjs.com

RESPONSIVE JAVASCRIPT

Other typography libraries

http://www.frequency-decoder.com/demo/slabText

http://letteringjs.com/

http://www.kernjs.com/

RESPONSIVE JAVASCRIPT

Touch Gestures

http://eightmedia.github.com/hammer.js/

https://github.com/jairajs89/Touchy.js

http://google.com

RESPONSIVE JAVASCRIPT

image sliders

http://swipejs.com/

http://flexslider.woothemes.com/

http://marktyrrell.com/labs/blueberry/

RESPONSIVE JAVASCRIPT

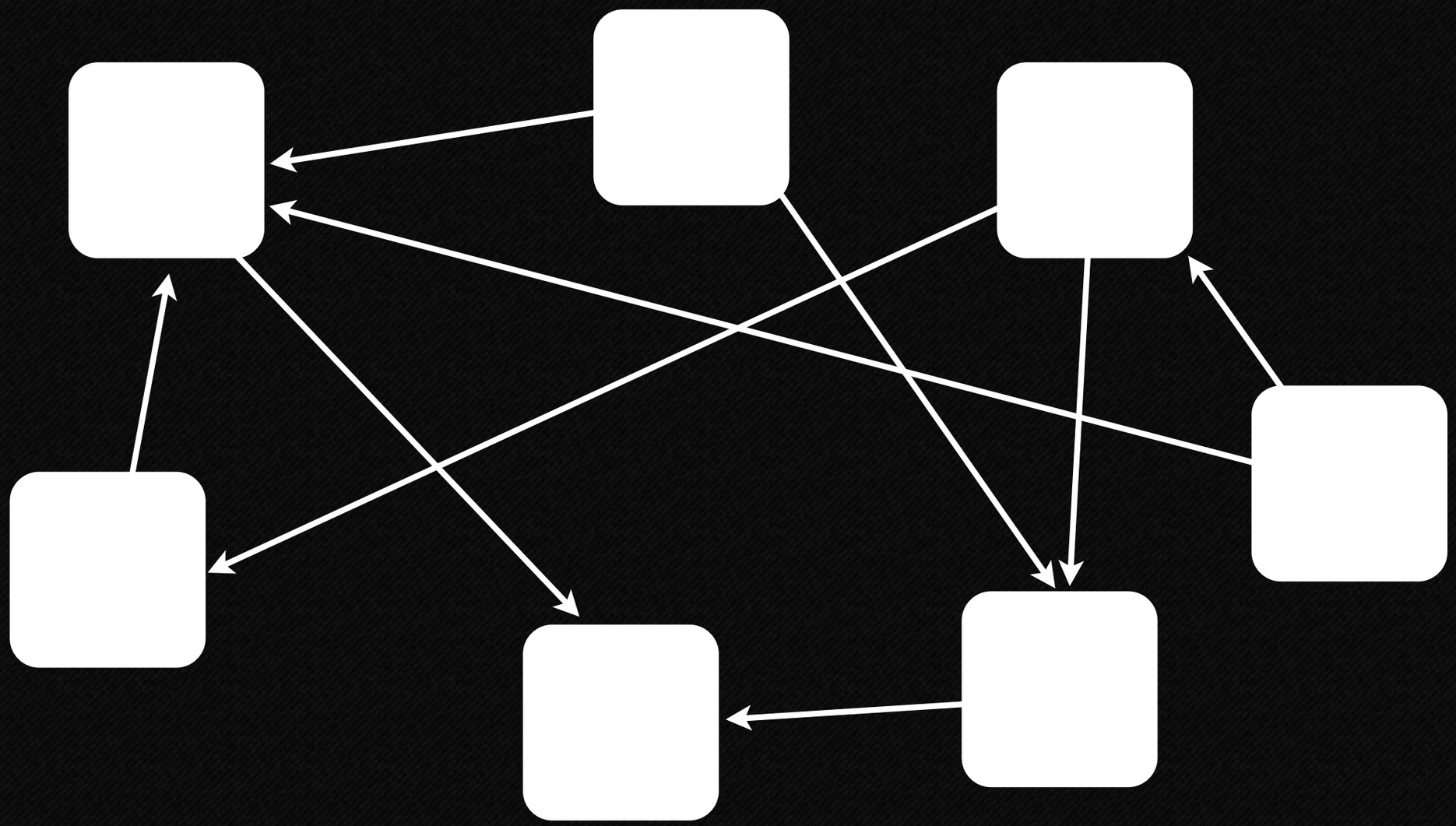
structuring your code

RESPONSIVE JAVASCRIPT

structuring your code

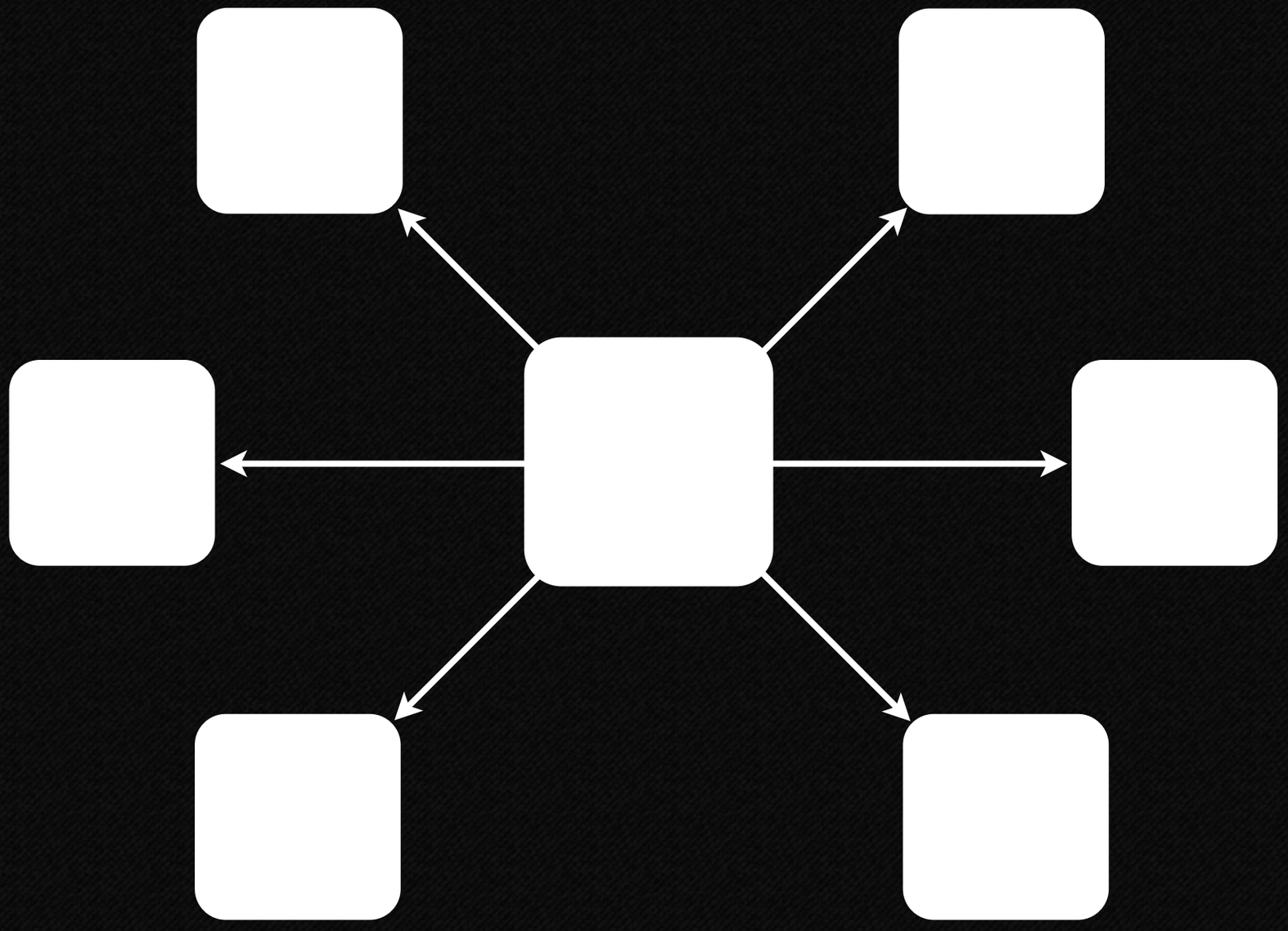
RESPONSIVE JAVASCRIPT

structuring your code



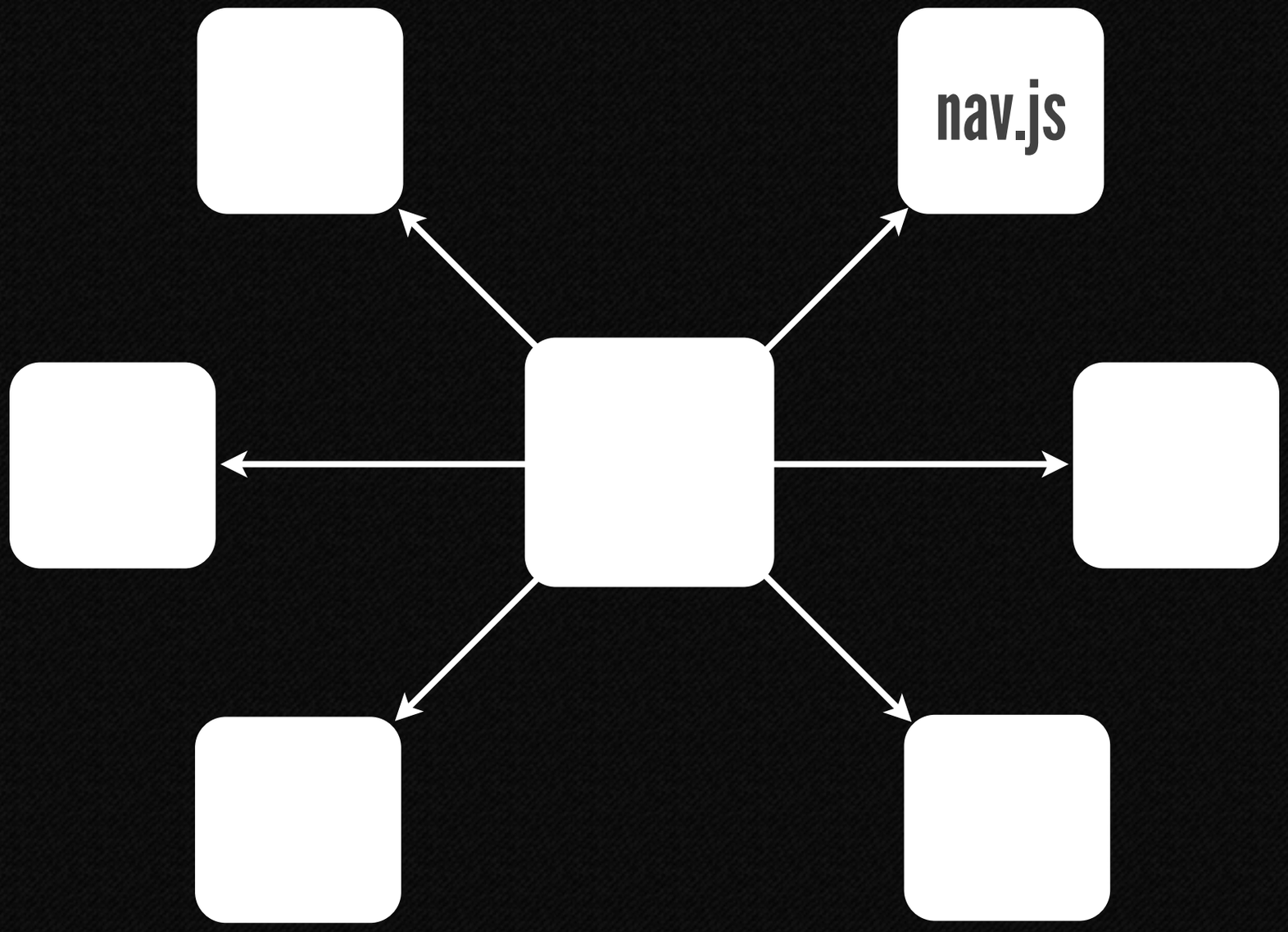
RESPONSIVE JAVASCRIPT

structuring your code



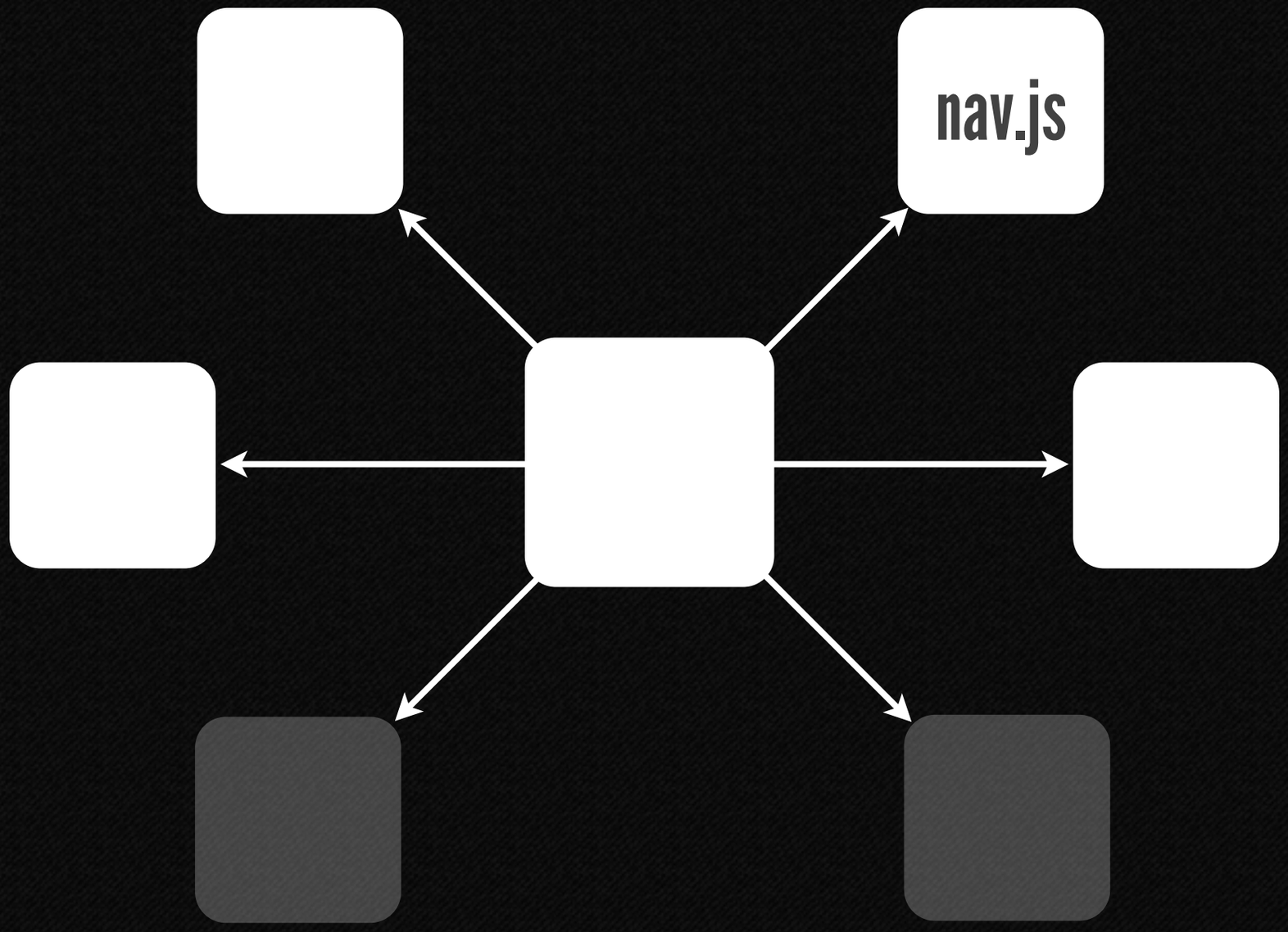
RESPONSIVE JAVASCRIPT

structuring your code



RESPONSIVE JAVASCRIPT

structuring your code



ROB TARR

@robtarr

SPARK BOX

platinum sponsor

REMIX SOUTH 2012

inspiration meets technology

THANKS TO OUR AWESOME SPONSORS

gold

Kabbage

MailChimp

silver

veredus

UX ux.stackexchange.com

WilderMinds

Enosia

mospired

UBER

NINE LABS
WE FIND OUT WHY

Rosenfeld

APP SKETCHBOOK

AWDG

IXDA

HTML5 ATLANTA