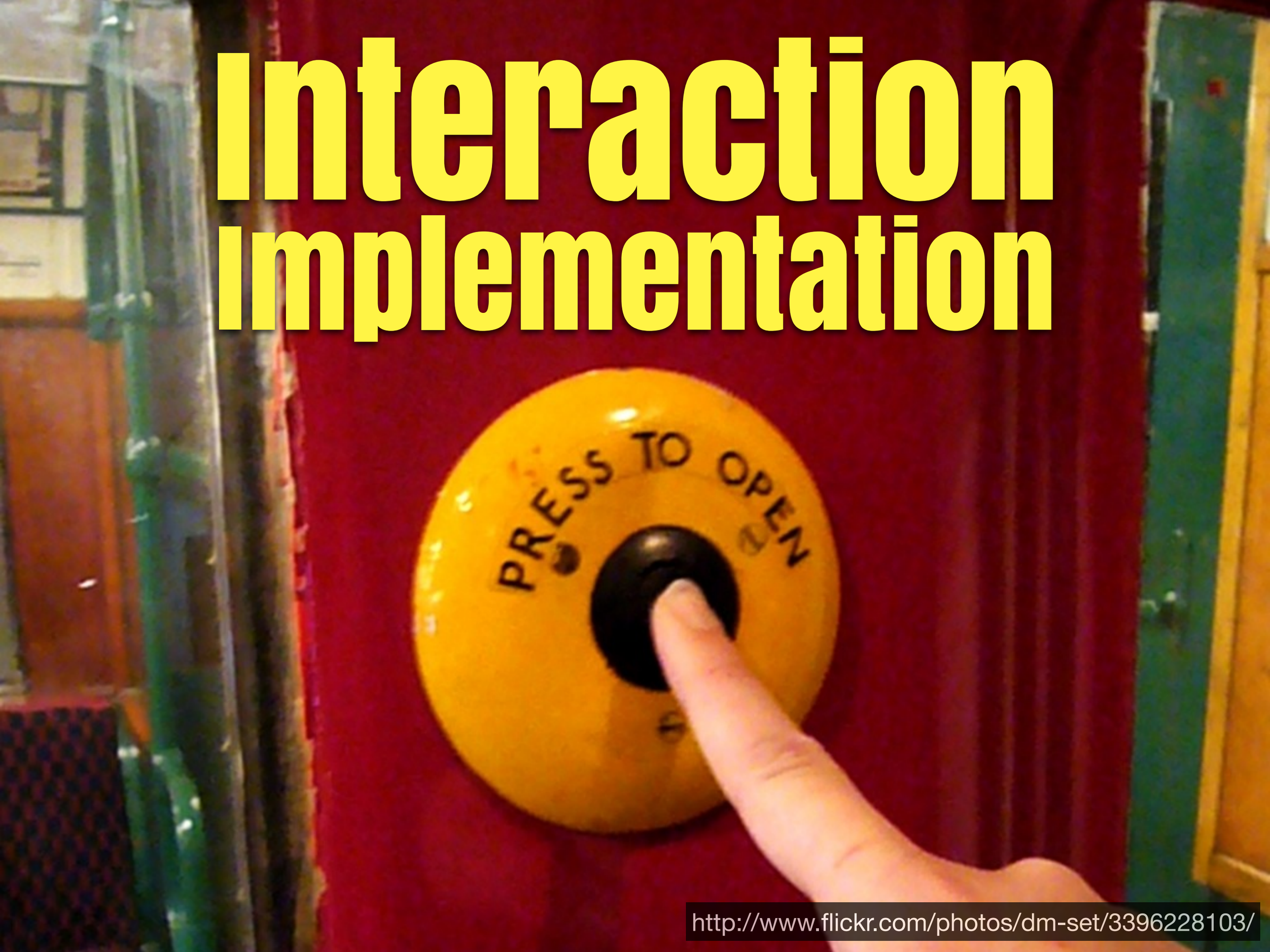
Interaction Implementation



http://www.flickr.com/photos/dm-set/3396228103/

Or more specifically:

How I go from a visual design (i.e. a mock) and make it a real weby thingy

But that's a crap title.

My Plan:

- Mock ➡ Developer
- Deconstructing the mock: work, risk, costs
- Approach to coding

http://www.flickr.com/photos/zervas/3848962977/

In my previous life I was a frackin' gangsta.

DigitalLook

DIGITAL LOOK
- Home
- Sample Searches
- Latest Site News
- User Guide
- Require Help?
- FAQ's
- Sponsorship
- Contact Us

INVESTOR SERVICE
- Log In
- About the Service
- See an Example
- Register Online

CORPORATE SERVICE
- Log In
- About the Service
- See an Example
- Register Online

USEFUL TOOLS
- Bulletin Board Watcher
- Dealings Watcher
- New Issues Watcher
- Newspaper Watcher
- Tips Watcher

- FTSE100 Home Pages
- FTSE250 Home Pages

DigitalLook.com
Free Company Research and News Alerts

Information from...
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- News wires
- Director dealings
- Broker forecasts
- Bulletin boards

Distributed via...
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- E-mail
- Fax
- Mobile phone
- Handheld device

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Top tips from the newspapers and investment magazines.
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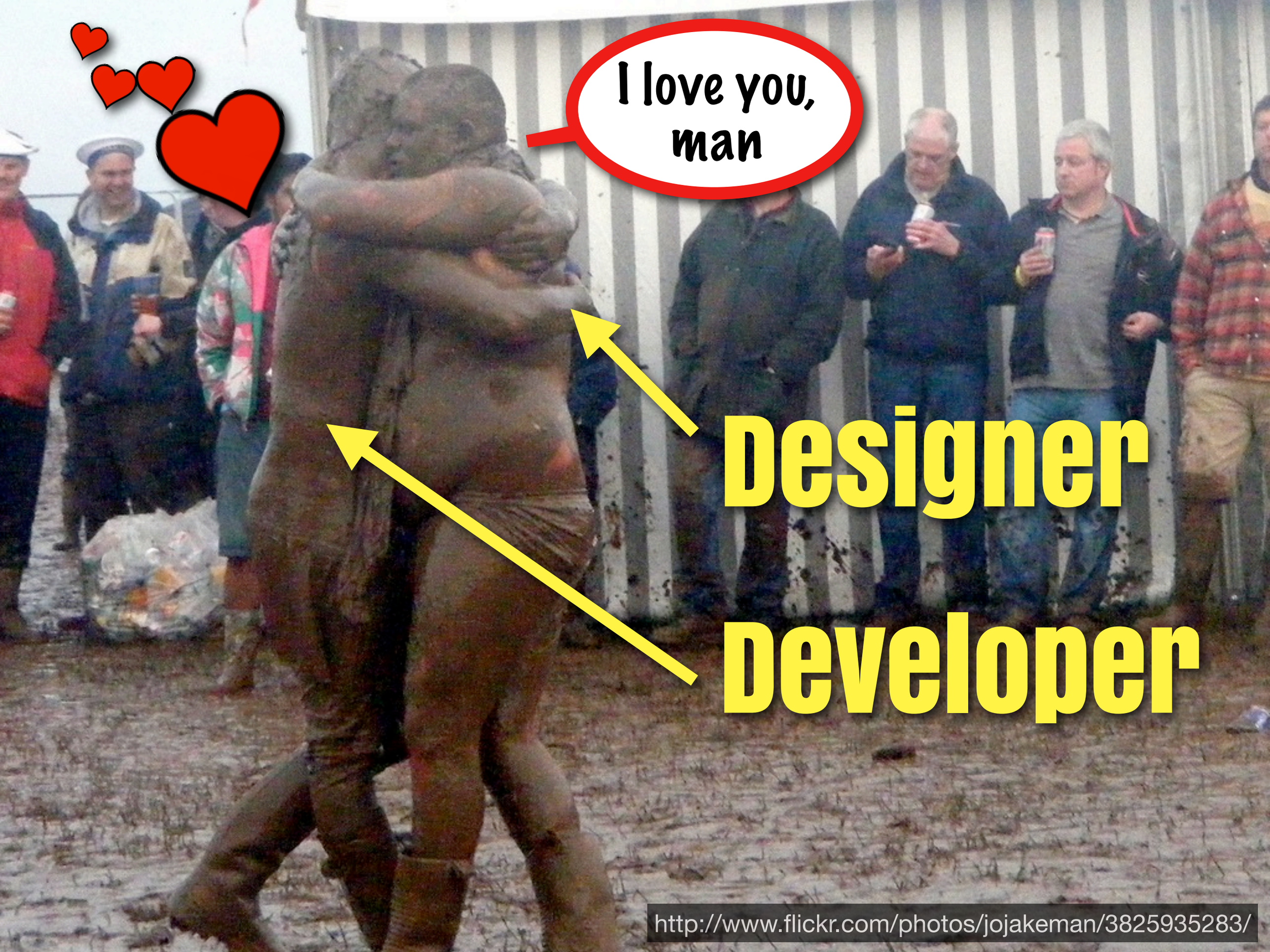
Find the most talked about companies - as featured in the Investors Chronicle.
[most talked about shares]

techMARK
Research the hottest high tech companies in the UK.
[more]

Featured Stock
M&S - Sparks at Marks
Is it time to check-in or check-out of Marks and Spencer?
[more samples]

ROAR
Grrrr
Designer
Developer
http://www.flickr.com/photos/jojakeman/3825935283/


I love you, man
Designer
Developer
http://www.flickr.com/photos/jojakeman/3825935283/

http://www.flickr.com/photos/jojakeman/3825935283/

Designers:

How to prepare a design that devs can use

Developers:

Process tips for dev and testing

+ work flow with clients/manages

lube === good

http://www.flickr.com/photos/barbaradoduk/195689523

Basics

Seeing all the problems in a mock immediately

New? BECOME A MEMBER

Returning Members SIGN IN

TEST BOX

HELP

HOW TO USE TESTBOX

PROJECT OF THE DAY

BUGBEARS
In pharetra libero nec est. Pellen rutrum consectetuer purus. Null sagittis augue sed mauris. Nullam in pede vel lacus interdu luctus. Nam sagittis urna non.

Power available

CHECK IT OUT!

TEST BOX ID CARD

GUEST PASS
RESTRICTED ACCESS

PLEASE CREATE AN ACCOUNT OR LOG IN TO ACCESS PROJECTS IN TEST BOX

FLICK A SWITCH TO SORT THE PROJECTS

NEWEST | HIGHEST RATED | MOST TESTED

CLICK A NUMBER TO SEE ALL PROJECTS OF THAT LEVEL

LEVEL SELECTOR

1 2 3 4 5 6 7 8 9 10 ALL UNLOCKED

		POWER	RATING
ROAR 5	ROAR		9.33
SKID 3	SKID		7.54
Dress the Stars 8	DRESS THE STARS		3.94
COMIC CREATOR 1	COMIC CREATOR	COMPLETE!	9.33

Page 1 2 3 4 5 >>

TOP COMMENTS

Bugbears v2
Some of the speech seemed to be out of sync with the lip movemens of my bugbear
Monsterman
Thanks for your comments - problem should be solved - try it out!
CBBC Dev Team

TOP PROJECTS - ALL TIME

1 Project 01 - Level 3 - 9.33
2 Project 02 - Level 3 - 9.33
3 Project 03 - Level 3 - 9.33
4 Project 04 - Level 3 - 9.33
5 Project 05 - Level 3 - 9.33

FLICK A SWITCH TO SORT THE P

NEWEST

HIGHEST RATED

MOST TESTED

LEVEL SELECTOR

1 2 3 4

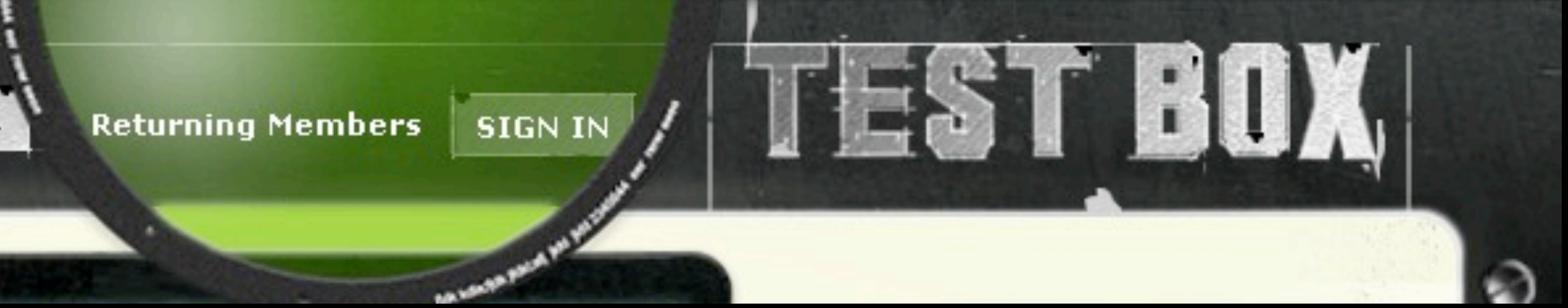
ALL

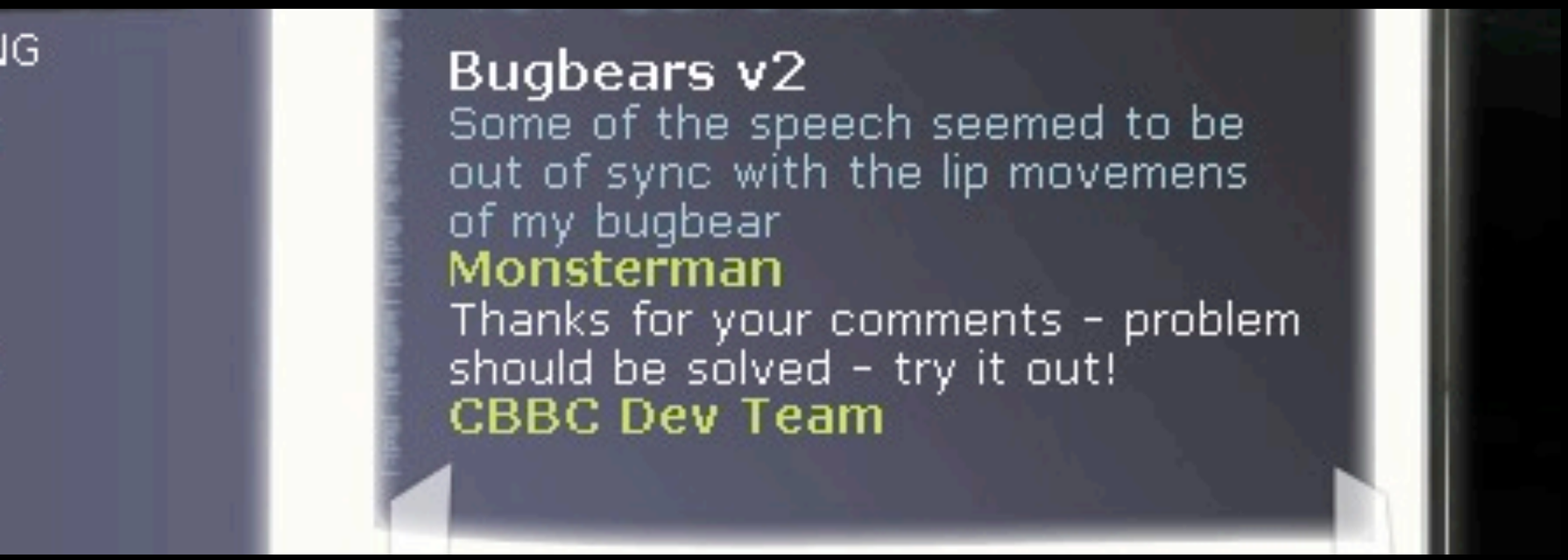
POWER RATING

ROAR 9.33

SKID 7.54

DRESS THE STARS 3.94


Returning Members
SIGN IN
TEST BOX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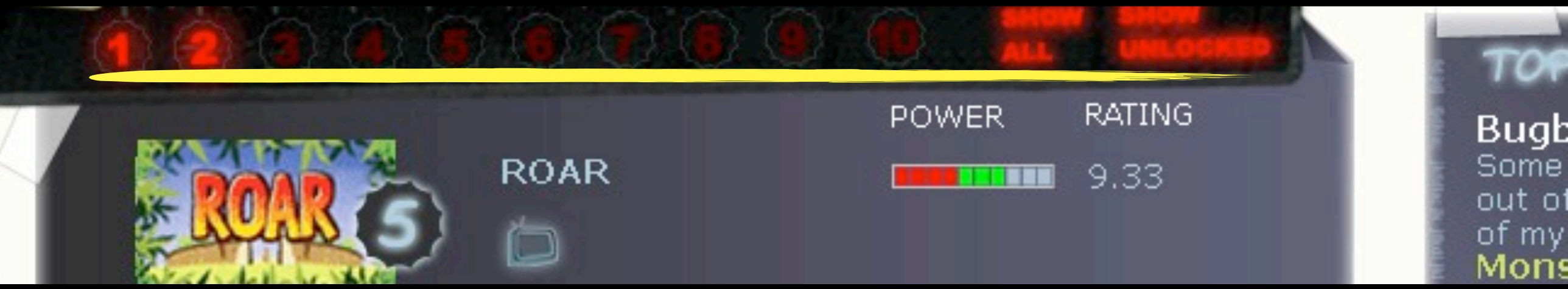
1 2 3 4 5 6 7 8 9 10
SHOW ALL
SHOW UNLOCKED
POWER
RATING
ROAR
9.33
ROAR
5

New? BECOME A MEMBER

Returning Members SIGN IN

TEST BOX

HELP

HOW TO USE TESTBOX

PROJECT OF THE DAY

BUGBEARS
In pharetra libero nec est. Pellen rutrum consectetuer purus. Null sagittis augue sed mauris. Nullam in pede vel lacus interdu luctus. Nam sagittis urna non.

Power available

CHECK IT OUT!

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LEVEL SELECTOR

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3 Project 03 - Level 3 - 9.33
4 Project 04 - Level 3 - 9.33
5 Project 05 - Level 3 - 9.33

New? BECOME A MEMBER

Returning Members SIGN IN

TEST BOX

HELP

<<< HOW TO USE TESTBOX

PROJECT OF THE DAY

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LEVEL SELECTOR 1 2 ALL

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3 Project 03 - Level 3 - 9.33
4 Project 04 - Level 3 - 9.33
5 Project 05 - Level 3 - 9.33

New? BECOME A MEMBER

Returning Members SIGN IN

HELP

XXX HOW TO USE TESTBOX

PROJECT OF THE DAY

BUG BEARS

Click to enter

BUGBEARS

In pharetra libero nec est. Pellen
rutrum consectetuer purus. Null
sagittis augue sed mauris.
Nullam in pede vel lacus interdu
uctus. Nam sagittis urna non.

Power available

CHECK IT OUT!

FLICK A SWITCH TO SORT THE PROJECTS

NEWEST

HIGHEST RATED

MOST TESTED

TESTED

CLICK A NUMBER TO SEE ALL PROJECTS OF THAT LEVEL

SHOW ALL

SHOW UNLOCKED

WER	RATING
	9.33
	7.54
	3.94
IPLETE!	9.33

TOP COMMENTS

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2 Project 02 - Level 3 - 9.33
3 Project 03 - Level 3 - 9.33
4 Project 04 - Level 3 - 9.33
5 Project 05 - Level 3 - 9.33

If you're using a grid,
make exceptions.

Don't make exceptions,
the rule of thumb.

New? BECOME A MEMBER

Returning Members SIGN IN

TEST BOX

HELP

HOW TO USE TESTBOX

PROJECT OF THE DAY

BUGBEARS
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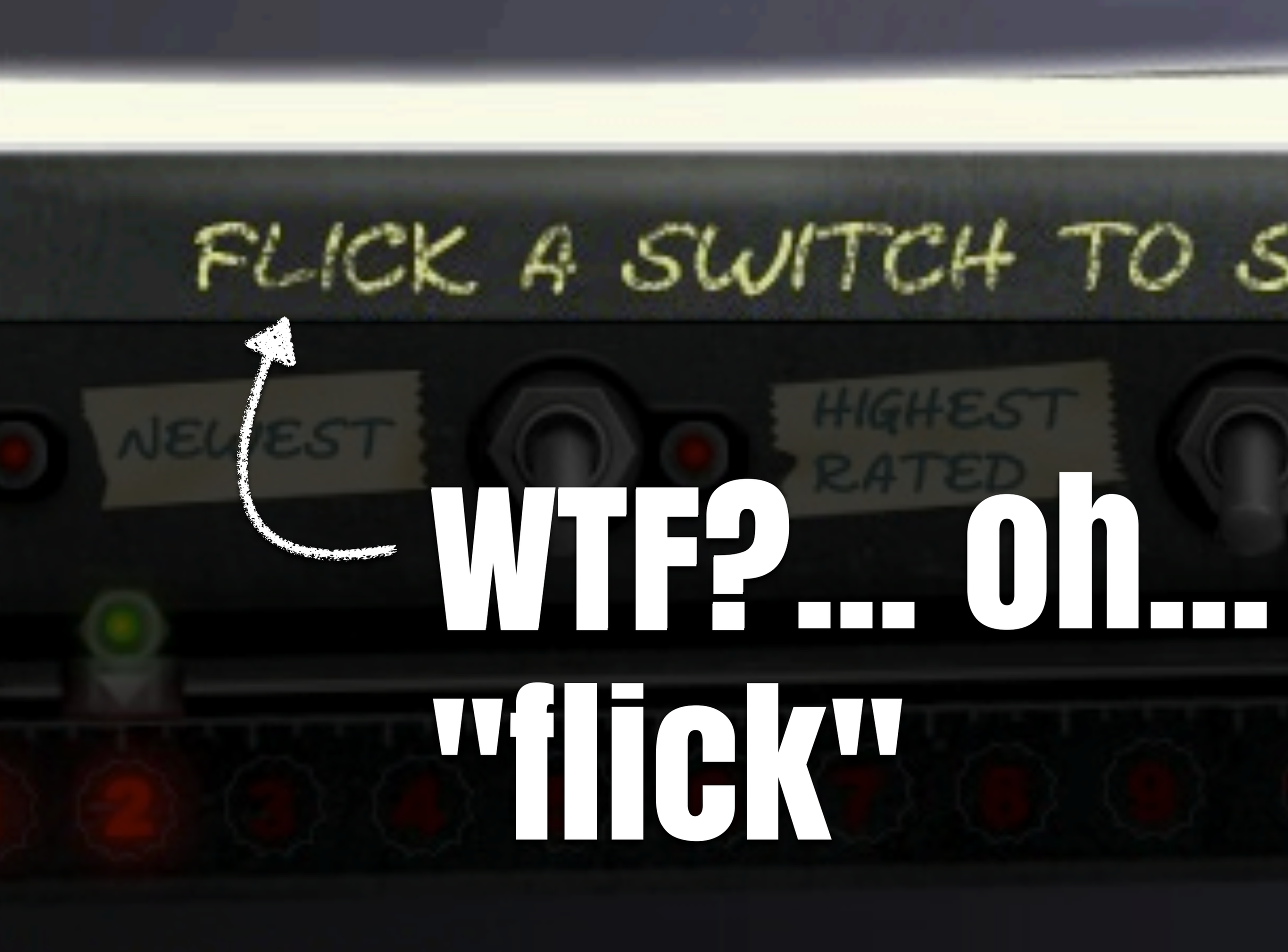
4 Project 04 - Level 3 - 9.33
5 Project 05 - Level 3 - 9.33

FLICK A SWITCH TO S



WTF?... oh... "flick"

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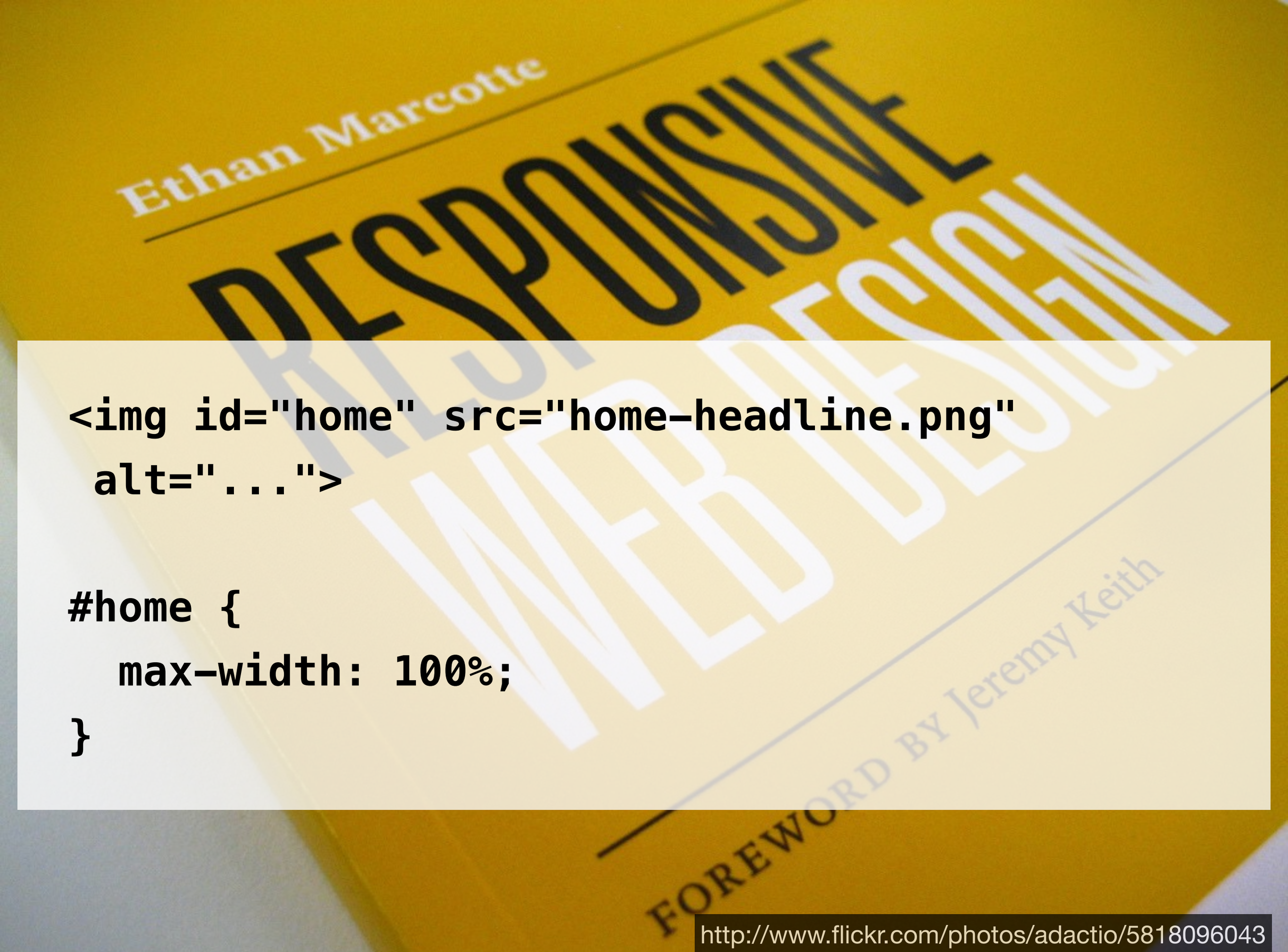


```
<img id="home" src="home-headline.png"
 alt="...">

#home {
   max-width: 100%;
}
```

http://www.flickr.com/photos/adactio/5818096043

Full Frontal 2011- JavaScript

offline.full-frontal.org

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NICHOLAS ZAKAS
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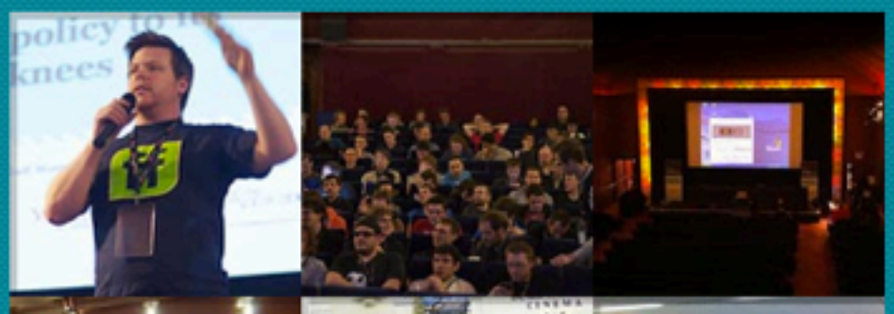

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HOME SPEAKERS WORKSHOPS
THE VENUE SPONSORS

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JAVASCRIPT CONFERENCE

NICHOLAS ZAKAS
JEREMY ASHKENAS

Don't let your design deficient developer do this design - it'll look crap.

Good

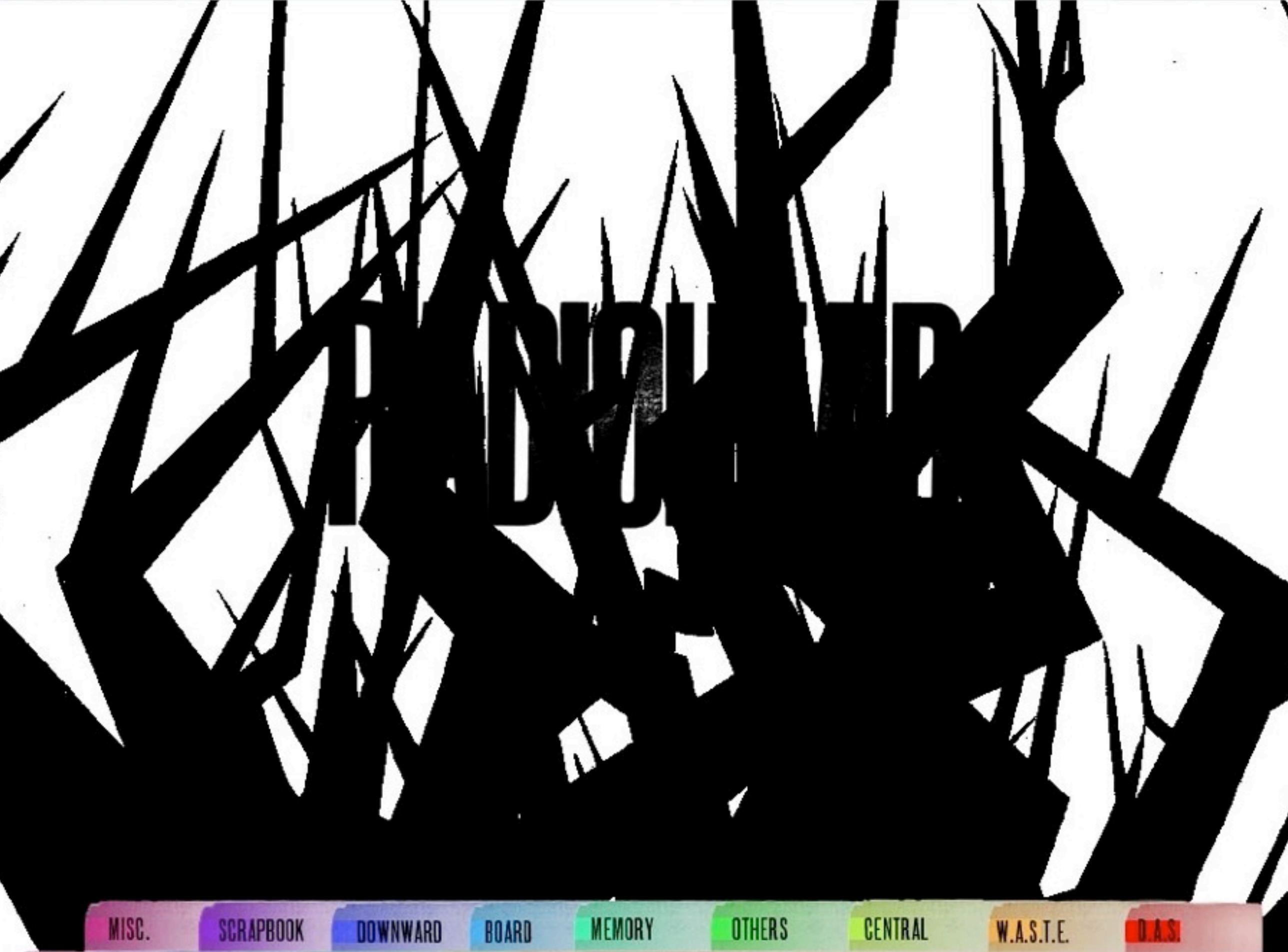
Great

Quote Messer Upperers

- Liquid layouts
- Fixed sizes
- Responsive design
- Tiny variances

RADIOHEAD

MISC.
SCRAPBOOK
DOWNWARD
BOARD
MEMORY
OTHERS
CENTRAL
W.A.S.T.E.
D.A.S.
Name


MISC.
SCRAPBOOK
DOWNWARD
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OTHERS
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W.A.S.T.E.
D.A.S.

RADIOHEAD

MISC.
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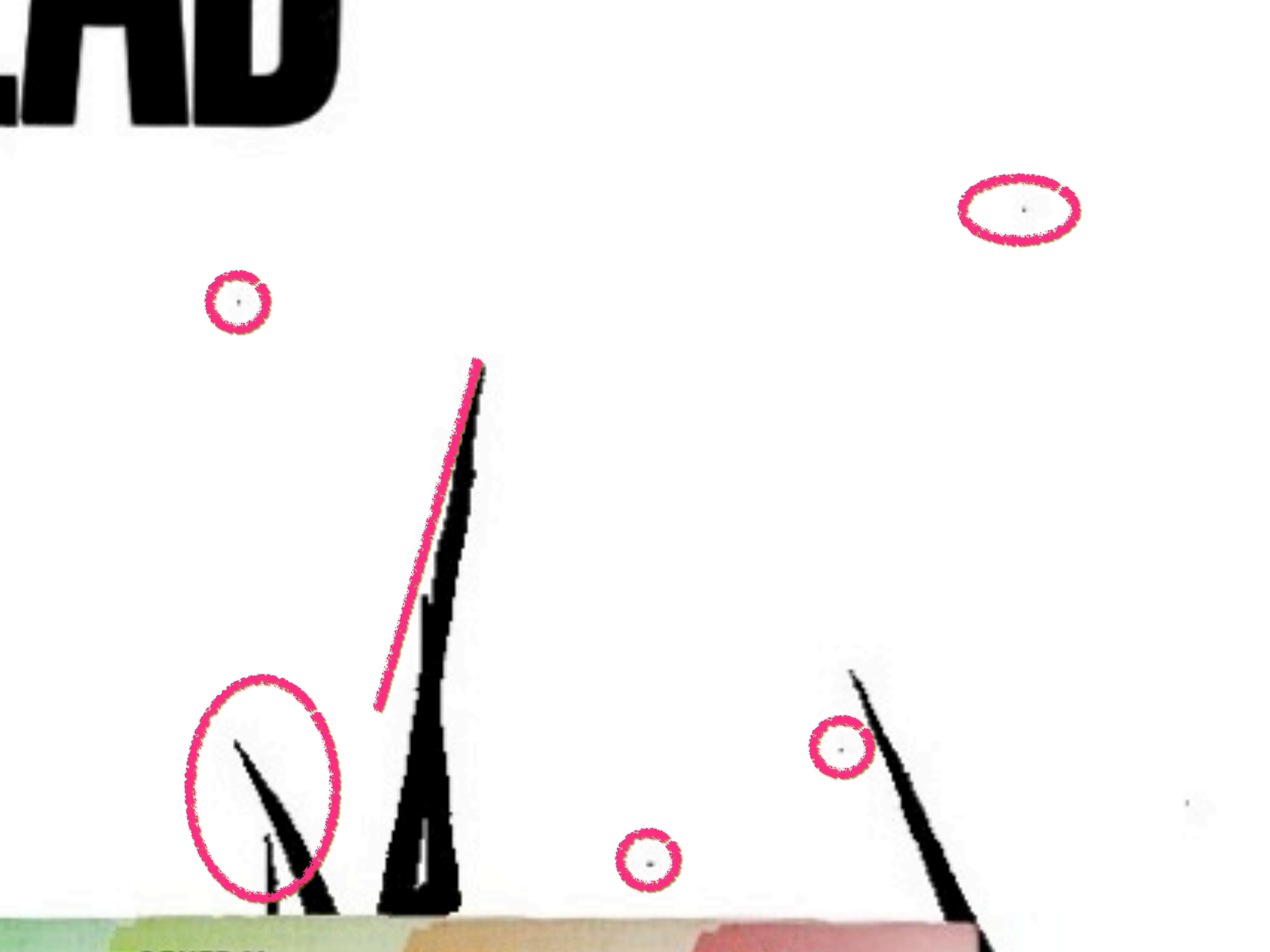


RADIOHEAD

THE KING OF LIMBS
DEAD AIR SPACE
W.A.S.T.E. CENTRAL
TOUR DATES & TICKETS
RADIOHEAD ET CETERA
THE W.A.S.T.E. SHOP
OFF TOPIC
THE MEMORY HOLE
MESSAGE BOARD
OTHER RADIOHEAD SITES

Deconstruct the design

what can't you see?

The invisibles will always bite you in the arse.

http://www.flickr.com/photos/remysharp/1163289602/

- What's clickable?
- What's touchable?
- What's the target platform?
- Browser support?

- Touch vs.
- Hold vs.
- Drag vs.
- Double tap over a tap hotspot vs...

http://www.flickr.com/photos/dannynic/3295160732/

Recommendation:
sit with client & drawing
and touch that.

Risk = screw ups = time = £

- When third parties are involved
- What you don't immediately know how to solve
- Where you can't visualise a solution

Costing

You.

You wish.

sorta...

http://www.flickr.com/photos/deronkamisato/4965826757

Costing

- Never give quotes off the bat
- Break down into components
- Deadlines are a cost factor
- Cost IE6 separately

http://www.flickr.com/photos/deronkamisato/4965826757

Google support latest-1. So do I.

Add 40% for IE6 support

Estimates & Quotes

- Get it wrong first.
- Track your hours.
- compare to the quote.
- Repeat
- Mine was consistently out by 20%

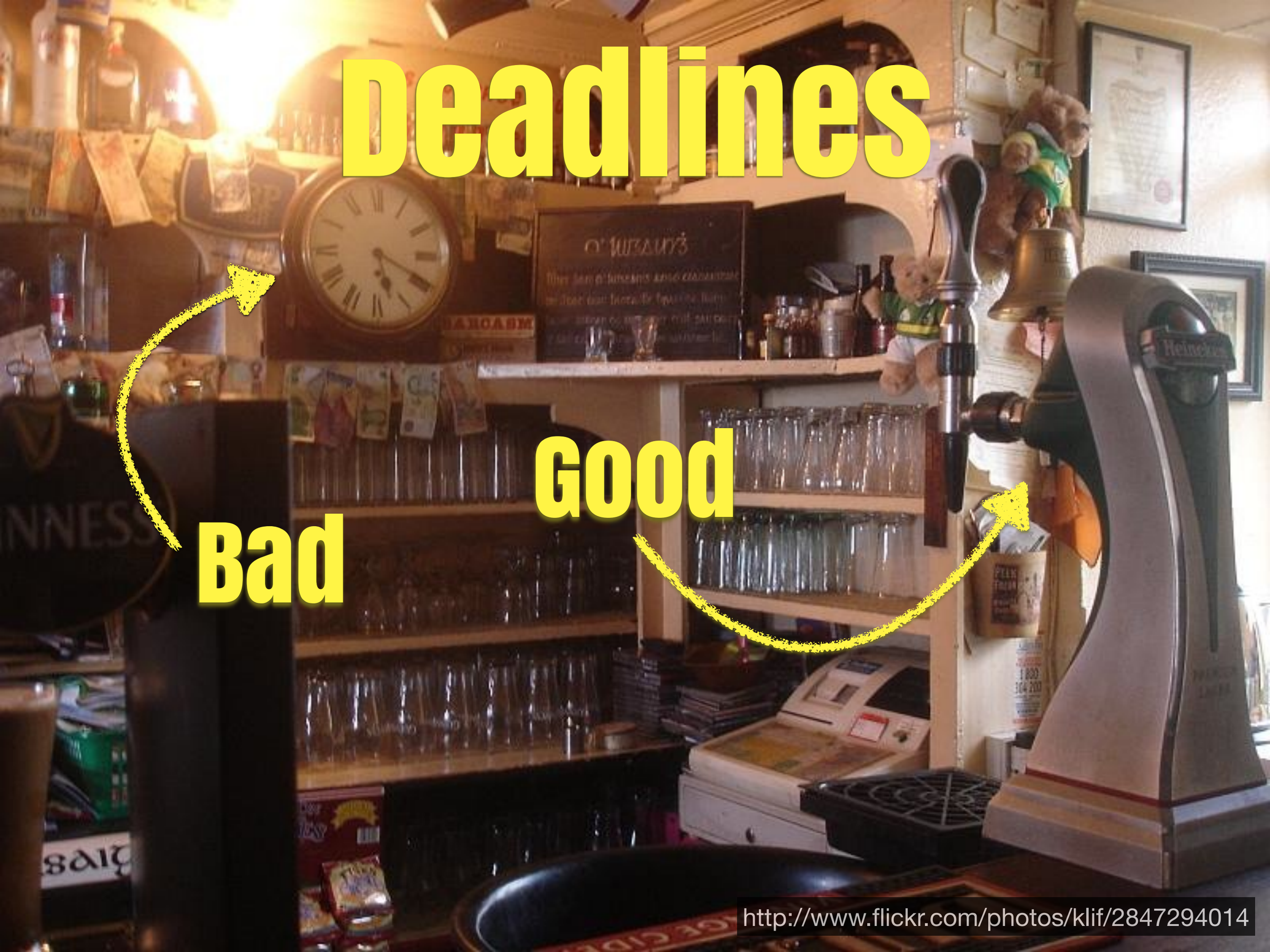
http://www.flickr.com/photos/pacdog/213744694/

Experience will help too :)

Deadlines

Bad

Good



http://www.flickr.com/photos/klif/2847294014

Deadlines

- Don't miss them
- Don't slip and slip and slip
- Very few deadlines can't be moved
- Urgent rarely means urgent

http://www.flickr.com/photos/klif/2847294014

Approach

Prototype early

http://www.flickr.com/photos/donsolo/1301608111/

KISS

http://www.flickr.com/photos/anirudhkoul/3725928708/

http://www.flickr.com/photos/nathaninsandiego/2723174963/

KICRFOSS

header

nav

section#content

article

article

article

footer

style: choose

- style for design/desktop fixed width
- style for lowest possible size
- style for multiple deployed versions - ala gmail

Do JavaScript Last

http://www.flickr.com/photos/charliebrewer/2897862701

jquery plugins

Good for fast prototyping

Quality is mixed, and often do way more than you need

ixedit.com, jqueryfordesigners.com, try out some coding!

1. Build without jQuery.

2.Design the start and end of your effects without jQuery.

3.Add jQuery a little at a time.

LearnBoost / socket.io

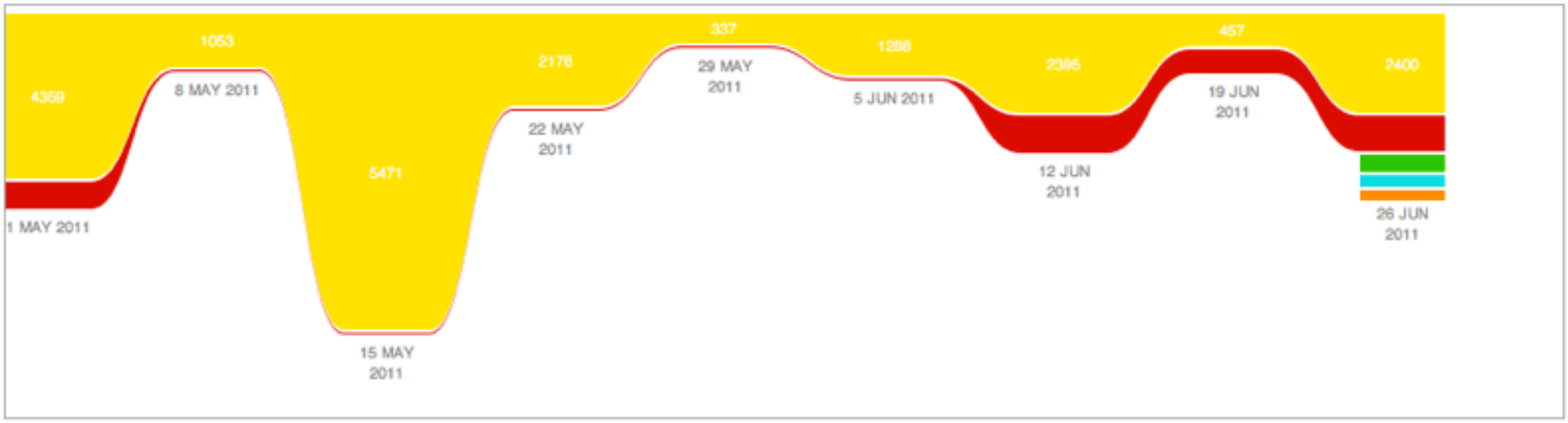
Unwatch | Fork | 1,800 | 194

Source | Commits | Network | Pull Requests (10) | Issues (34) | Wiki (9) | **Graphs** | Branch: master

Languages (1) | **Impact** | Punchcard | Traffic

guille (385 commits, 16636 additions, 3300 deletions)

mouse over the graph for more details



Blocks represent "impact". Impact is (lines added + lines deleted) for all non-merge commits during a week period.

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Third Party Libraries

- github.com
- check commits & last activity
- check issues being opened and closed

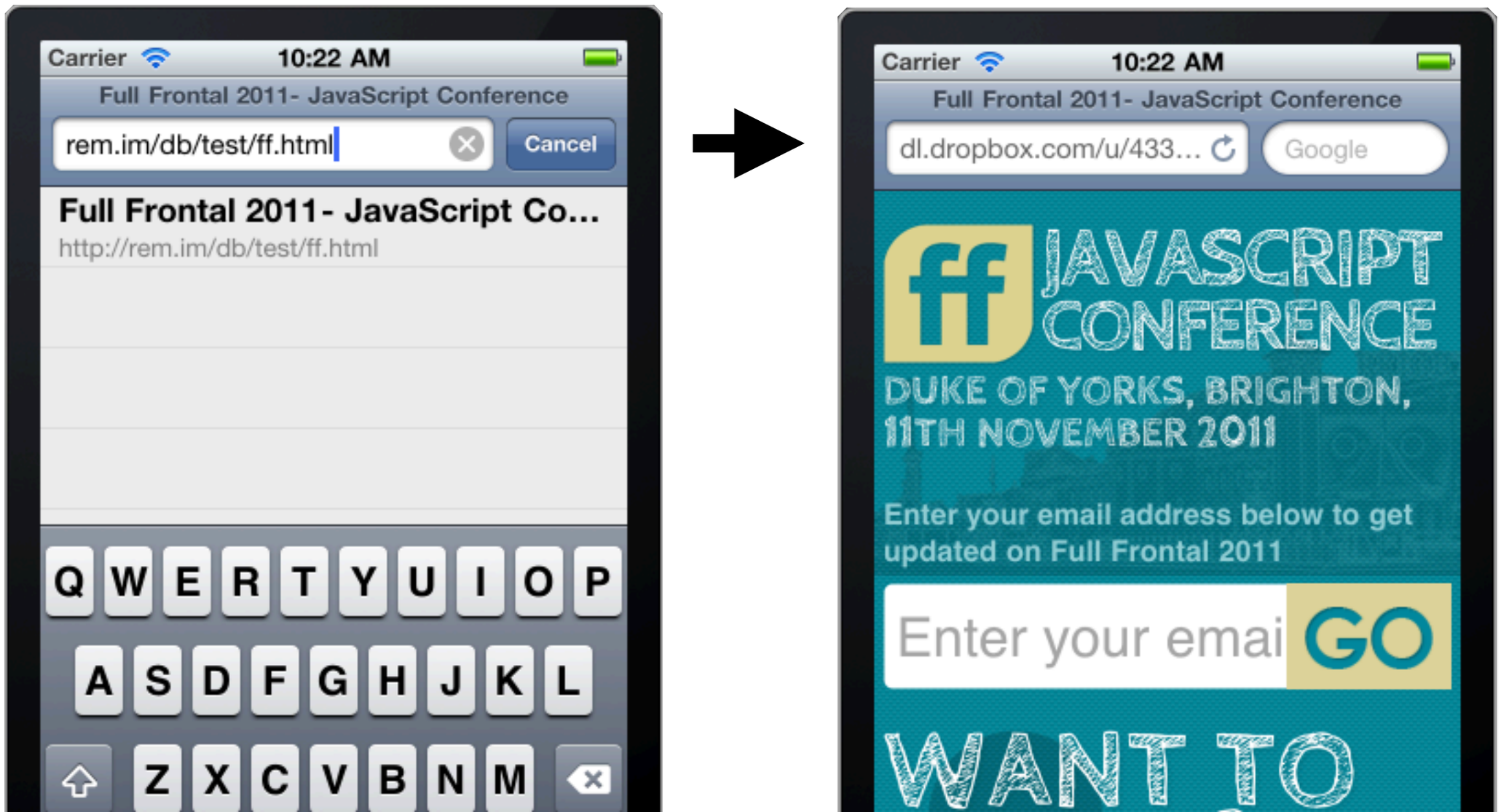
Offline → Not quite offline

- Lets the client see it in prototype stage
- Dropbox is your friend
- Get a short url for mobile testing

http://inliner.leftlogic.com

```
remy@remys-mbp ~ $ inliner -v http://offline.full-frontal.org > ~/Dropbox/Public/test/ff.html
get http://offline.full-frontal.org
compress inline script
get http://offline.full-frontal.org/fullfrontal.css
encode http://offline.full-frontal.org/images/ff2011-logo.png
cached http://offline.full-frontal.org/images/ff2011-logo.png
cached http://offline.full-frontal.org/images/ff2011-logo.png
cached http://offline.full-frontal.org/images/ff2011-logo.png
encode http://offline.full-frontal.org/images/button-go.png
encode http://offline.full-frontal.org/images/bg-pier-low.png
encode http://offline.full-frontal.org/images/sponsor.png
encode http://offline.full-frontal.org/images/speak.png
encode http://offline.full-frontal.org/images/bubble.png
cached http://offline.full-frontal.org/images/bubble.png
encode http://offline.full-frontal.org/images/left-logic.png
encode http://offline.full-frontal.org/images/bg-pier-small.png
get http://fonts.googleapis.com/css?family=Cabin+Sketch:bold
encode http://a3.twimg.com/profile_images/1344370753/sig_photo_norma
encode http://a2.twimg.com/profile_images/66720259/captainVegetable_
encode http://a1.twimg.com/profile_images/830278198/romain_normal.jpg
encode http://a0.twimg.com/profile_images/1167622800/hipstamatic_me2_
encode http://29.media.tumblr.com/tumblr_l5wjnzhwtq1qcjha6o1_400.jpg
compress http://offline.full-frontal.org/fullfrontal.css
encode http://a2.twimg.com/profile_images/692828214/avatar_normal.jpg
encode http://themes.googleusercontent.com/font?kit=ki3SSN5HMOO0-IOL
compress http://fonts.googleapis.com/css?family=Cabin+Sketch:bold
remy@remys-mbp ~ $
```

```
RewriteRule ^db/(.*)$ http://dl.dropbox.com/u/43399/$1 [L]
RewriteCond %{REQUEST_FILENAME}.html -f
RewriteRule (.*) $1.html [L]
```



Recap Time

- Remember function as well as form
- Anticipate the invisibles
- Prototype
- KI(RF)SS

http://www.flickr.com/photos/jojakeman/3825935283/

Otherwise: rock on.

@rem

leftlogic.com