

jQuery, eCSStender & you

Aaron Gustafson
Easy Designs, LLC
slideshare.net/AaronGustafson

3 + 3

3 ? 3



CASEY WAGNER MOBILE WEB DESIGN
CAMERON MOLL MOBILE WEB DESIGN



Learning Web Design

Niederst Robbins

O'REILLY

INTERACT WITH WEB STANDARDS

A holistic approach to web design

VOICES THAT MATTER™

New Riders

designing with web standards (third edition)

Jeffrey Zeldman

VOICES THAT MATTER™
New Riders

Bulletproof Web Design

Improving flexibility and performance against worst-case scenarios with XHTML and CSS

Cederholm

VOICES THAT MATTER™
New Riders

sitepoint

CSS

THE ART & SCIENCE OF CSS

ADAMS, SMITH ET AL.
New Riders

CSS MASTERY ADVANCED WEB STANDARDS SOLUTIONS

Friends of E

CSS The Definitive Guide

Meyer

O'REILLY®

THIRD EDITION



stylin' with CSS

A Designer's Guide

Wyke-Smith

New Riders

transcending CSS the fine art of web design

clarke

VOICES THAT MATTER™
New Riders

HTML with CSS and XML

Schultz,
Cook

Apress®

Pilgrim O'REILLY®

HTML & XHTML *The Definitive Guide*

Musciano & Kennedy

O'REILLY®

SIXTH EDITION



36

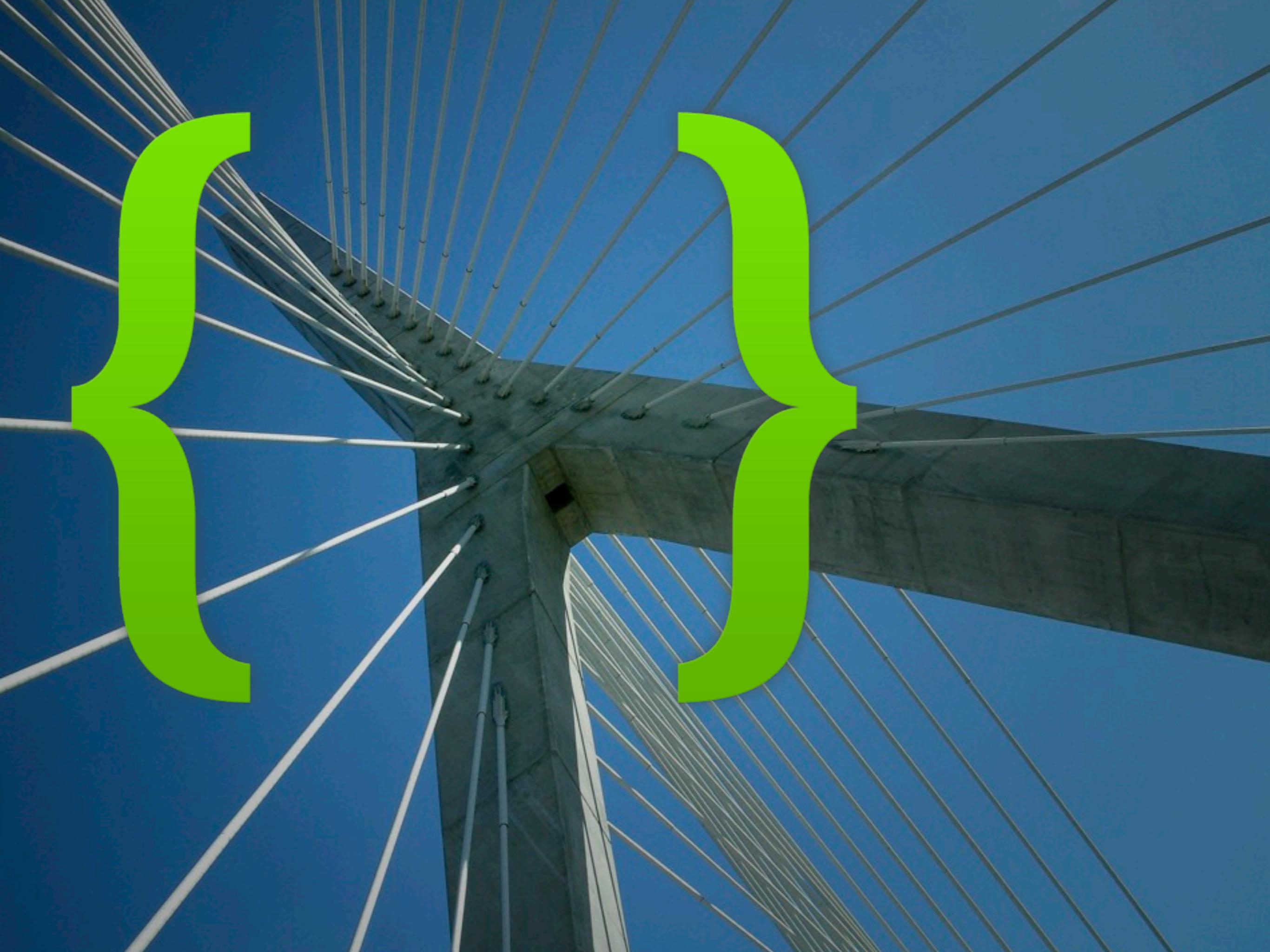
39

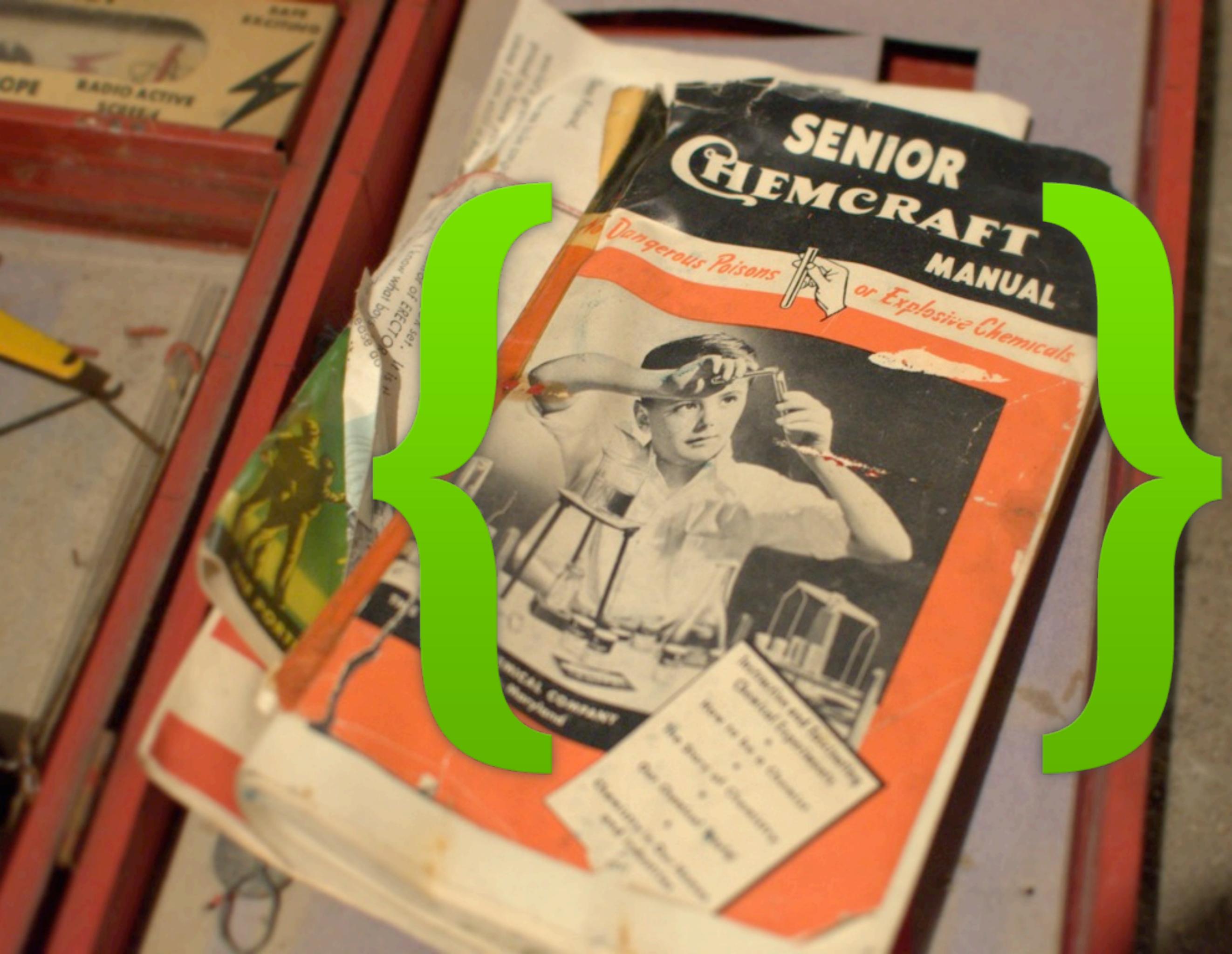


30









Download...

The screenshot shows the homepage of the eCSStender website. The header features a large, stylized logo with curly braces and a plus sign followed by the word "ecsstender". Below the logo is a navigation bar with three items: "download", "extensions", and "documentation". The "download" item is highlighted with a white background and black text. The main content area has a dark grey background. A large blue heading says "Take control of your CSS". Below it, a paragraph explains the purpose of eCSStender: "Say goodbye to the browser-specific properties and hacks cluttering your files and say hello to lean, mean CSS. With eCSStender, when you write the rules, browsers pay attention." A green button labeled "eCSStender 1.2" with a file icon and the text "< 20K minified" is prominently displayed. To the right of the main content area is a dark sidebar.

{+} ecssstender

download extensions documentation

Take control of your CSS

Say goodbye to the browser-specific properties and hacks cluttering your files and say hello to lean, mean CSS. With eCSStender, when you write the rules, browsers pay attention.

eCSStender 1.2 < 20K minified

Designing with eCSStender

Extensions built with eCSStender greatly simplify the design process because you can author modern CSS using [advanced selectors](#), properties such as [border-radius](#), or [custom font faces](#) and rest assured that your design will work... even in IE6. To see what you can use today, browse the extensions. To use the extensions, [download eCSStender](#) and include it and your extensions in your site.

ecSStender.org

Download...

The screenshot shows the homepage of the eCSStender website. At the top, there is a large, stylized logo consisting of a green curly brace followed by a blue plus sign and the word "ecsstender". Below the logo, there is a navigation bar with three items: "download", "extensions", and "documentation". The "download" item is highlighted with a white background and black text. The main content area features a heading "Take control of your CSS" in a large, bold, blue font. Below this, there is a paragraph of text: "Say goodbye to the browser-specific properties and hacks cluttering your files and say hello to lean, mean CSS. With eCSStender, when you write the rules, browsers pay attention." A red circle highlights a green button labeled "eCSStender 1.2" with a file icon and a "(+)" sign. Below this button, the text "< 20K minified" is visible. Further down, there is another section titled "Designing with ecssstender" with a paragraph of explanatory text. The entire page has a dark background with white and light gray text areas.

eCSStender.org

Download...

The screenshot shows the GitHub repository page for `easy-designs/eCSStender.js`. The page features a green header bar with the GitHub logo and a 'Sign Up Now' button. Below the header, there's a promotional message about GitHub and a 'Downloads' button. The main content area shows the repository details, including the source code tab selected, commit history, and file list.

Source Commits Network Pull Requests (0) Issues (0) Graphs Branch: master

Switch Branches (2) Switch Tags (24) Branch List

eCSStender enables developers to patch CSS support in browsers and experiment with new features. It also enables designers to keep browser-specific hacks out of their CSS files. — [Read more](#) <http://eCSStender.org>

HTTP Git Read-Only <https://github.com/easy-designs/eCSStender.js.g> This URL has **Read-Only** access

prepping 1.2.7 and running tests

aarongustafson (author) October 20, 2010

commit 66de01a836e1b2994675 tree 43e20f35777ab1e842c9 parent 1f301e3202b5b59b2880

eCSStender.js /

name	age	message	history
.gitmodules	July 20, 2010	Added ability for extensions to dynamically red... [aarongustafson]	
CHANGELOG	August 26, 2010	bugfix: don't call determinePath() on embedded ... [aarongustafson]	
MIT-LICENSE	June 24, 2010	prepping 1.2.4 [aarongustafson]	
README	June 24, 2010	prepping 1.2.4 [aarongustafson]	
min/	August 26, 2010	bugfix: don't call determinePath() on embedded ... [aarongustafson]	

github.com/easy-designs/eCSStender.js

...collect extensions...

The screenshot shows the homepage of the eCSStender website. The title is '{+} eCSStender'. Below the title, there is a navigation bar with three items: 'download', 'extensions', and 'documentation'. The 'extensions' item is highlighted with a red oval. Below the navigation bar, the tagline 'Take control of your CSS' is displayed in blue. A descriptive paragraph follows, explaining that eCSStender helps say goodbye to browser-specific properties and hacks, and hello to lean, mean CSS. It mentions that with eCSStender, when you write the rules, browsers pay attention. Below this, there is a green button labeled 'eCSStender 1.2' with a download icon and the text '< 20K minified'. At the bottom, there is a section titled 'Designing with eCSStender' with a paragraph of text.

{+} eCSStender

download extensions documentation

Take control of your CSS

Say goodbye to the browser-specific properties and hacks cluttering your files and say hello to lean, mean CSS. With eCSStender, when you write the rules, browsers pay attention.

eCSStender 1.2

< 20K minified

Designing with eCSStender

Extensions built with eCSStender greatly simplify the design process because you can author modern CSS using [advanced selectors](#), properties such as [border-radius](#), or [custom font faces](#) and rest assured that your design will work... even in IE6. To see what you can use today, browse the extensions. To use the extensions, [download eCSStender](#) and include it and your extensions in your site.

...collect extensions...

The screenshot shows the eCSStender website's "Extensions" page. At the top, there is a large green and blue logo with the text "{+} ecssstender". Below the logo, there are three buttons: "download", "extensions", and "documentation". The "extensions" button is highlighted. On the left side of the main content area, there is a sidebar with the heading "Extensions". The main content area lists several CSS3 modules implemented by eCSStender extensions:

- eCSStender.CSS3-selectors.js**
This extension seeks to implement the CSS3 Selectors module back to IE6. Requires assignment of an external selector engine (e.g. Sizzle, NWMatcher, etc.).
- eCSStender.font-face.js**
This extension supports the transformation of a format-agnostic font declaration into one that follows Paul Irish's Bulletproof @font-face syntax.
- eCSStender.CSS3-backgrounds-and-borders.js**
This extension implements the CSS3 Backgrounds and Borders module back to IE6.
- eCSStender.CSS3-color.js**
This extension implements the CSS3 Color module back to IE6.
- eCSStender.CSS3-transitions.js**
This extension implements the CSS3 Transitions module.

...include...

```
<script type="text/javascript" src="eCSStender.js"></script>
<script type="text/javascript" src="eCSStender.CSS3-backgrounds-and-borders.js"></script>
<script type="text/javascript" src="eCSStender.CSS3-transforms.js"></script>
<script type="text/javascript" src="eCSStender.CSS3-color.js"></script>
<script type="text/javascript" src="eCSStender.CSS3-transitions.js"></script>
```

...and write your CSS

```
section,  
article,  
blockquote {  
    border-radius: 10px;  
    box-shadow: 0 0 15px 1px #000;  
    color: rgb(255, 255, 255);  
    transform-origin: 50% 50%;  
    transition: all 0.5s linear;  
}  
section:hover,  
body:focus section,  
section:hover blockquote,  
body:focus blockquote {  
    transform: rotate(-15deg);  
}  
section:hover article,  
body:focus article {  
    transform: rotate(30deg);  
}
```

30



Need selectors?

```
<script type="text/javascript" src="eCSStender.js"></script>
<script type="text/javascript" src="sizzle.js"></script>
<script type="text/javascript">
  // <![CDATA[
  eCSStender.addMethod('findBySelector',Sizzle);
  // ]]>
</script>
<script type="text/javascript" src="eCSStender.CSS3-selectors.js"></script>
```

Compound classes in IE6?

```
p.test {  
    color: green;  
}  
  
p.alt.test {  
    color: red;  
}
```

This paragraph should be green. Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat. Duis autem vel eum iriure dolor in hendrerit in vulputate velit esse molestie consequat, vel illum dolore eu feugiat nulla facilisis at vero eros et accumsan et iusto odio dignissim qui blandit praesent luptatum zzril delenit augue duis dolore te feugait nulla facilisi.

This paragraph should be red. Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat. Duis autem vel eum iriure dolor in hendrerit in vulputate velit esse molestie consequat, vel illum dolore eu feugiat nulla facilisis at vero eros et accumsan et iusto odio dignissim qui blandit praesent luptatum zzril delenit augue duis dolore te feugait nulla facilisi.

Adjacent siblings?

```
p + p {  
    color: green;  
}
```

This paragraph should be the default color. Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip. Ex ea commodo consequat. Duis autem vel eum iriure dolor in hendrerit in vulputate velit esse molestie consequat, vel illum dolore eu feugiat nulla facilisis at vero eros et accumsan et iusto odio dignissim qui blandit praesent luptatum. Zzril delenit augue duis dolore te feugait nulla facilisi.

This paragraph should be green. Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip. Ex ea commodo consequat. Duis autem vel eum iriure dolor in hendrerit in vulputate velit esse molestie consequat, vel illum dolore eu feugiat nulla facilisis at vero eros et accumsan et iusto odio dignissim qui blandit praesent luptatum. Zzril delenit augue duis dolore te feugait nulla facilisi.

General siblings?

```
p ~ p {  
    color: green;  
}
```

This paragraph should be the default color. Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip. Ex ea commodo consequat. Duis autem vel eum iriure dolor in hendrerit in vulputate velit esse molestie consequat, vel illum dolore eu feugiat nulla facilisis at vero eros et accumsan et iusto odio dignissim qui blandit praesent luptatum. Zzril delenit augue duis dolore te feugait nulla facilisi.

This paragraph should be green. Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip. Ex ea commodo consequat. Duis autem vel eum iriure dolor in hendrerit in vulputate velit esse molestie consequat, vel illum dolore eu feugiat nulla facilisis at vero eros et accumsan et iusto odio dignissim qui blandit praesent luptatum. Zzril delenit augue duis dolore te feugait nulla facilisi.

Advanced pseudo-classes?

```
tr {  
    background: white;  
}  
td:empty {  
    background: green;  
}
```

This row should be white	#ffff
This row should be white	#ffff
The td next to this one should be green	
This row should be white	#ffff
This row should be white	#ffff



Consider border-radius

```
#foo {  
    border-radius: 3px;  
}
```

Consider border-radius

```
#foo {  
    -moz-border-radius: 3px;  
    -webkit-border-radius: 3px;  
    -o-border-radius: 3px;  
    -khtml-border-radius: 3px;  
    border-radius: 3px;  
}
```

Consider border-radius

```
#foo {  
    border-radius: 10px 5px;  
}
```

Consider border-radius

```
#foo {  
    -moz-border-radius: 10px 5px;  
    -webkit-border-top-left-radius: 10px;  
    -webkit-border-top-right-radius: 5px;  
    -webkit-border-bottom-right-radius: 10px;  
    -webkit-border-bottom-left-radius: 10px;  
    -o-border-radius: 10px 5px;  
    -khtml-border-top-left-radius: 10px;  
    -khtml-border-top-right-radius: 5px;  
    -khtml-border-bottom-right-radius: 10px;  
    -khtml-border-bottom-left-radius: 10px;  
    border-radius: 10px 5px;  
}
```

Ah, memories...

```
#foo {  
    padding: 10px;  
    width: 200px;  
    w\idth: 180px;  
    height: 200px;  
    heigh\t: 180px;  
}  
  
/* or */  
  
#foo {  
    padding: 10px;  
    width: 200px;  
    height: 200px;  
}  
* html #foo {  
    width: 180px;  
    height: 180px;  
}
```

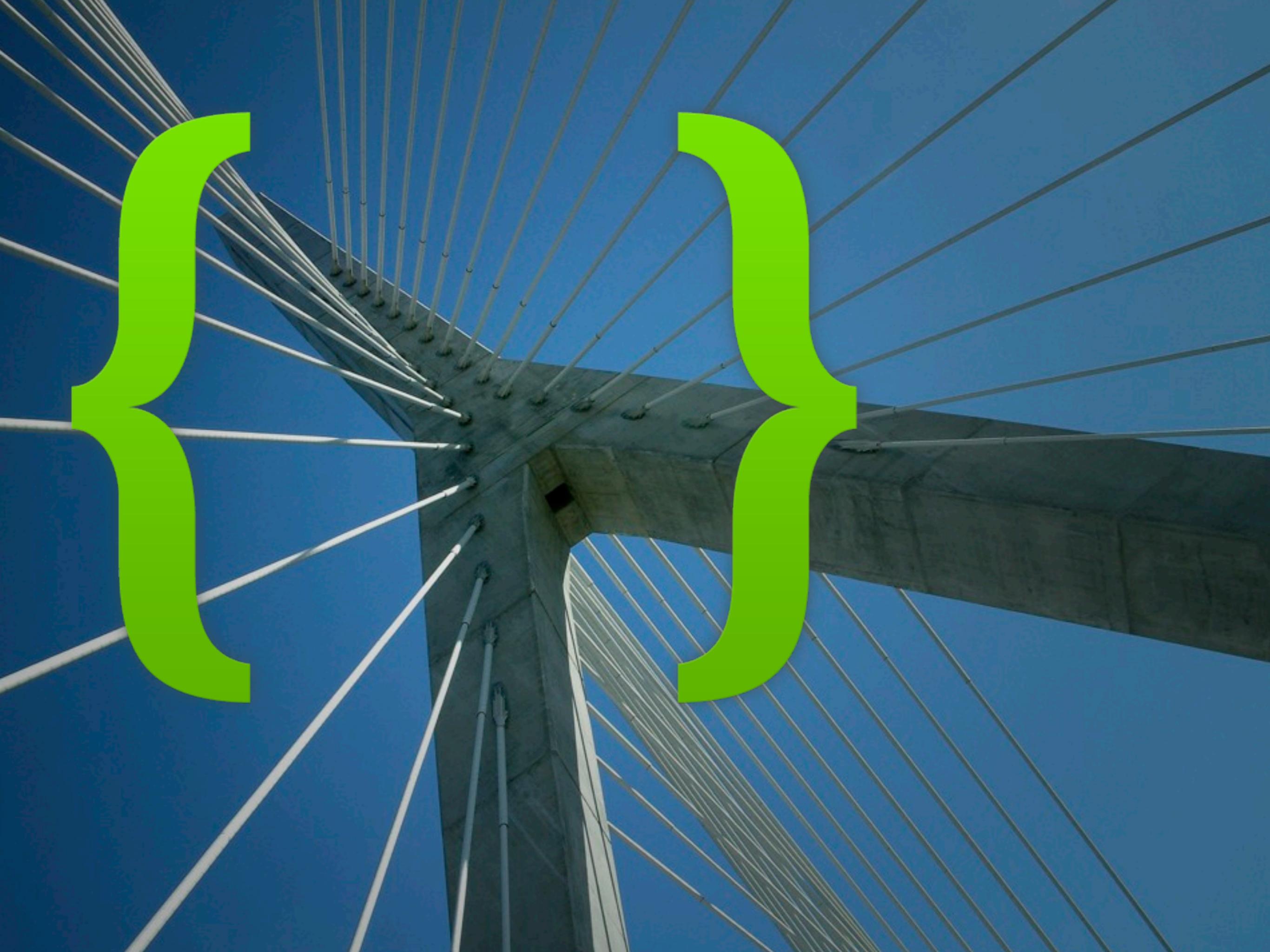
Simplified CSS3?

```
<script type="text/javascript" src="eCSStender.js"></script>
<script type="text/javascript" src="eCSStender.CSS3-backgrounds-and-borders.js"></script>
<script type="text/javascript" src="eCSStender.CSS3-transforms.js"></script>
<script type="text/javascript" src="eCSStender.CSS3-color.js"></script>
<script type="text/javascript" src="eCSStender.CSS3-transitions.js"></script>
```

Yup!

```
section,  
article,  
blockquote {  
    border-radius: 10px;  
    box-shadow: 0 0 15px 1px #000;  
    color: rgb(255, 255, 255);  
    transform-origin: 50% 50%;  
    transition: all 0.5s linear;  
}  
section:hover,  
body:focus section,  
section:hover blockquote,  
body:focus blockquote {  
    transform: rotate(-15deg);  
}  
section:hover article,  
body:focus article {  
    transform: rotate(30deg);  
}
```

“Spooooon!
—The Tick



Valid extension of CSS

-prefix-

Browser vendors do it



-moz-



-webkit-

Microsoft®

-ms-



-o-



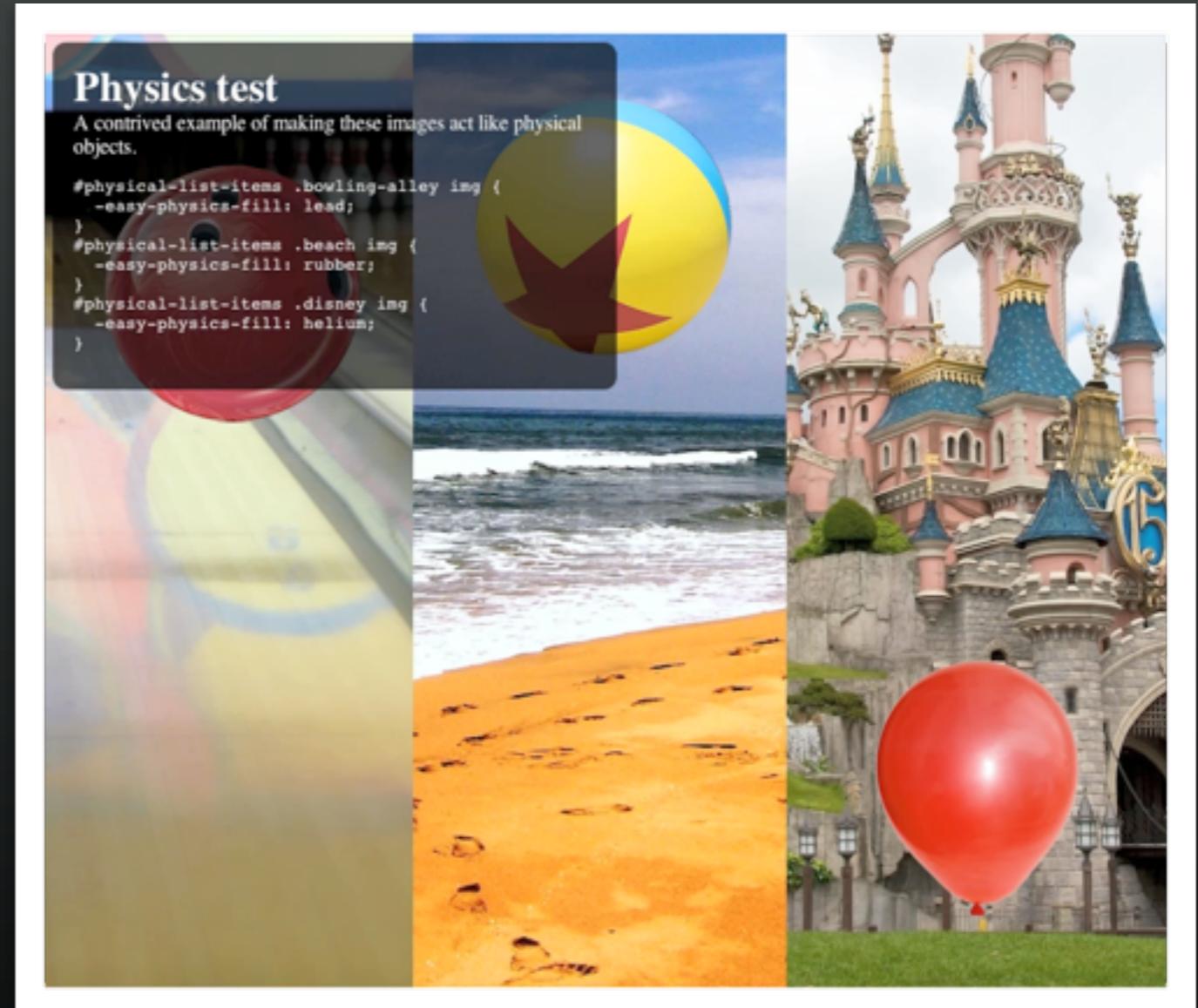
33



THE FUTURE OF CSS

Pointless, but possible

```
.bowling-alley img {  
    -easy-physics-fill: lead;  
}  
.beach img {  
    -easy-physics-fill: rubber;  
}  
.disney img {  
    -easy-physics-fill: helium;  
}
```



Trivia Question:
Who were the
co-creators of CSS?



(First person to answer correctly, gets a book)

33



Step 1: Register extensions



Step 2: Find stylesheets



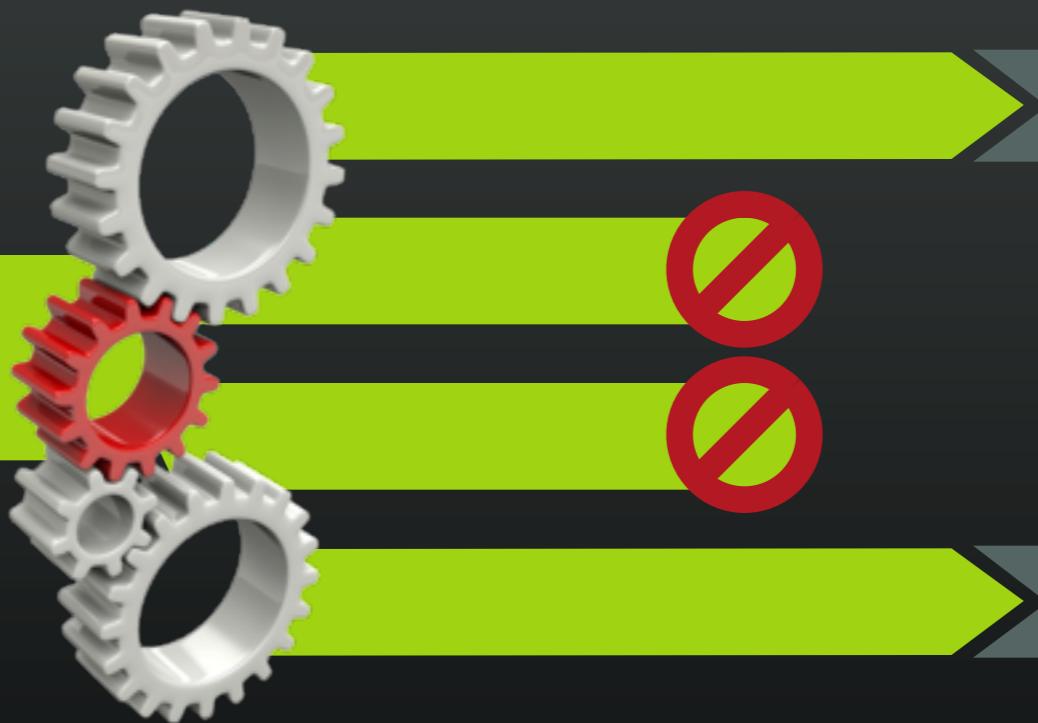
Step 3: Collect the rules



Collect

Step 4: parse & process

Process



Step 5: Trigger extensions



{+}

Helping hands

- Dean Edward's IE scripts
- Selectivizr
- css3-mediaqueries.js



Browser
Patchers

Alternative syntax

- SASS (Syntactically Awesome Stylesheets)
- LESS (Leaner CSS)
- OO CSS (purely conceptual)

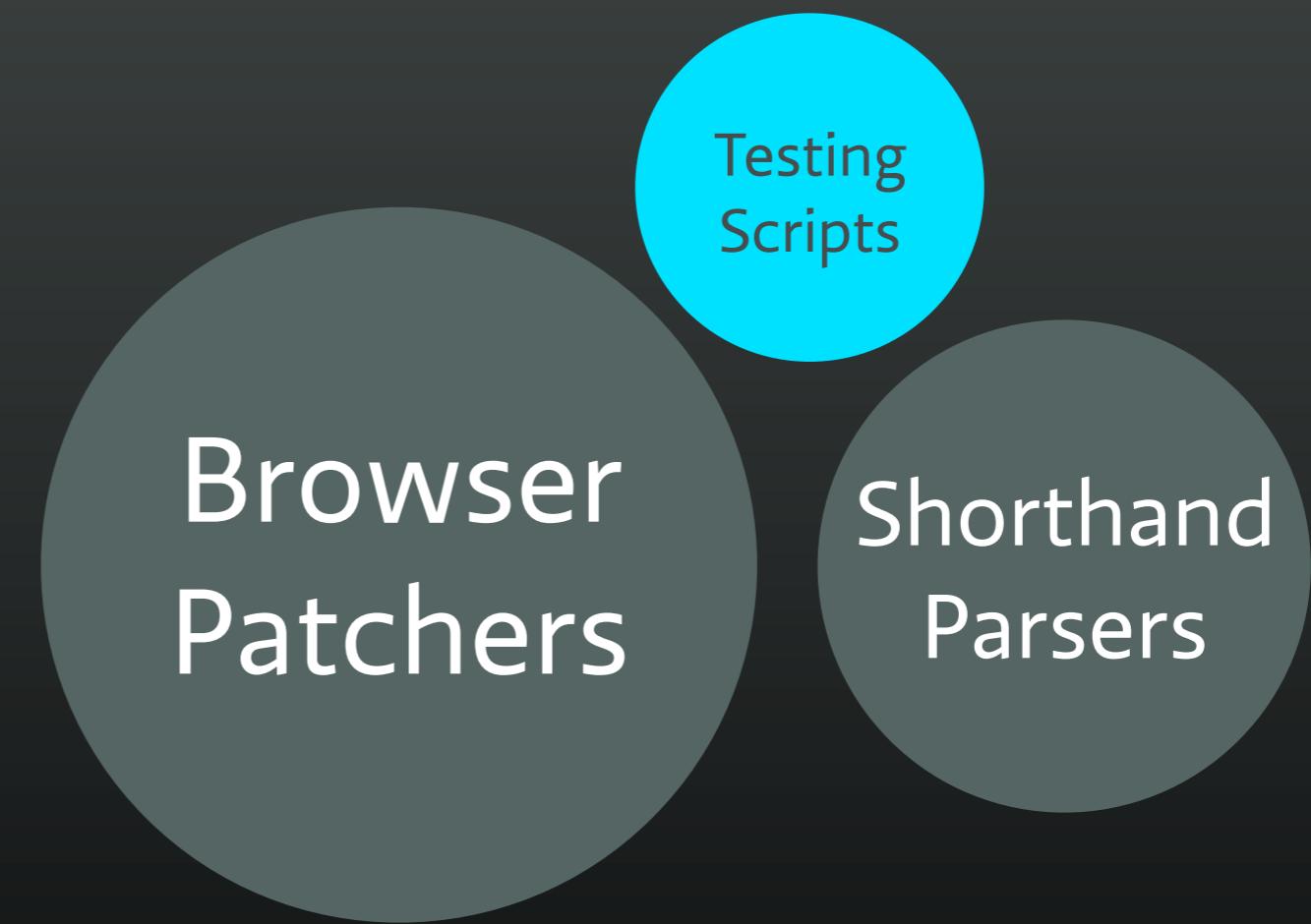


Browser
Patchers

Shorthand
Parsers

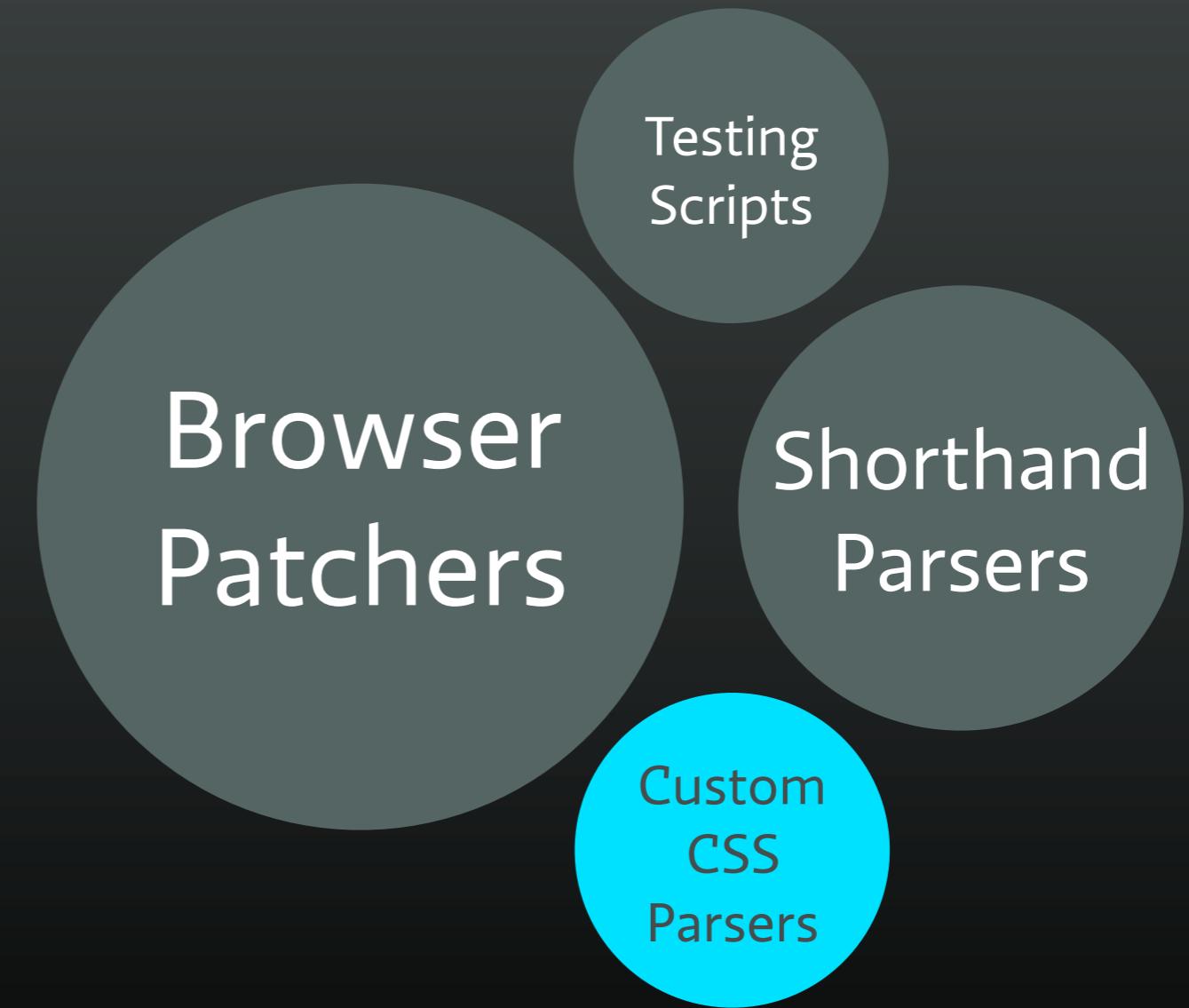
Capability checking

- Modernizr



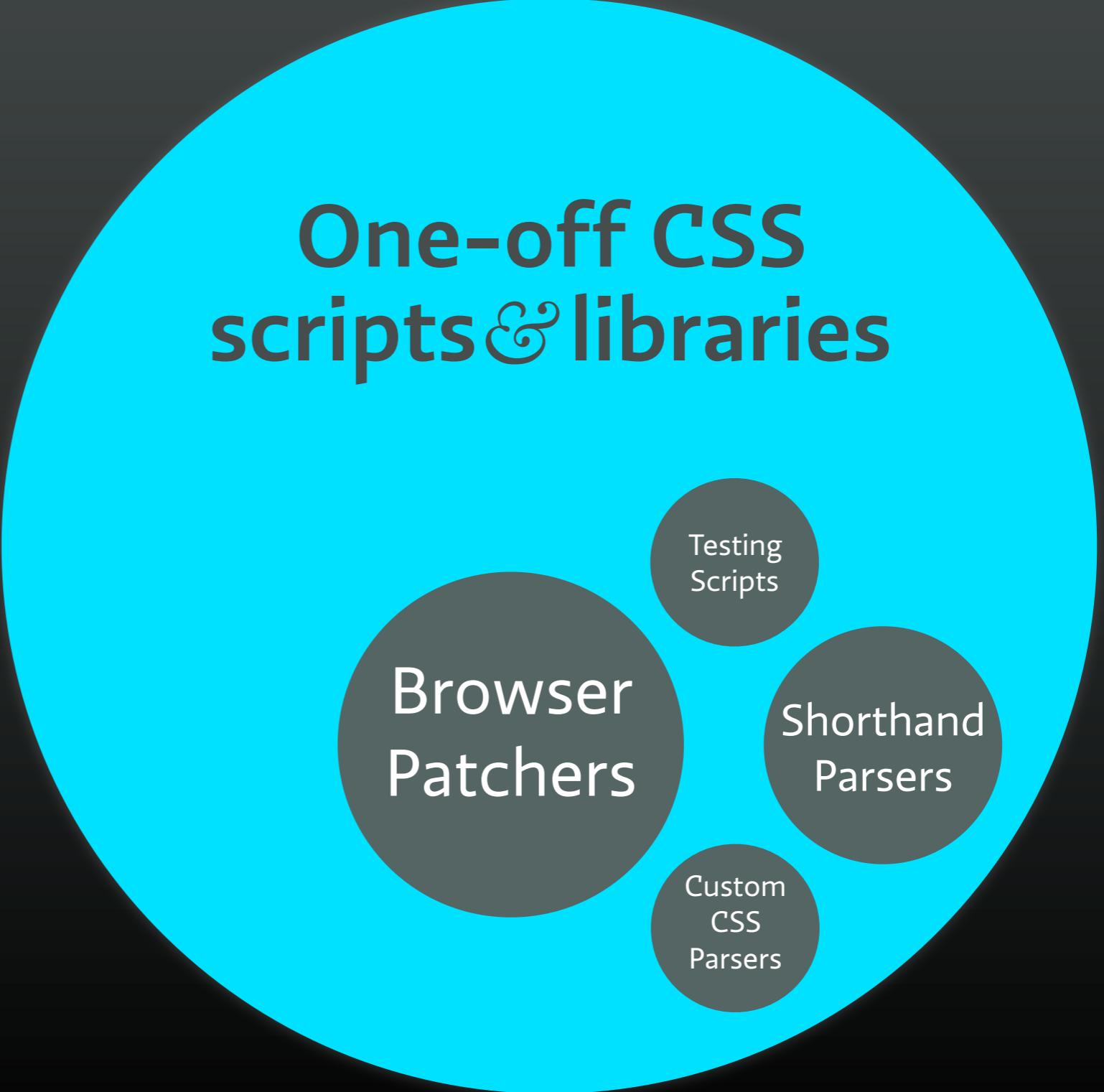
Something new

- More CSS



Ecosystem

- jQuery plug-ins
- CSS Sandpaper
- CVI scripts



One-off CSS
scripts & libraries



Browser
Patchers

Testing
Scripts

Shorthand
Parsers

Custom
CSS
Parsers

Unity!

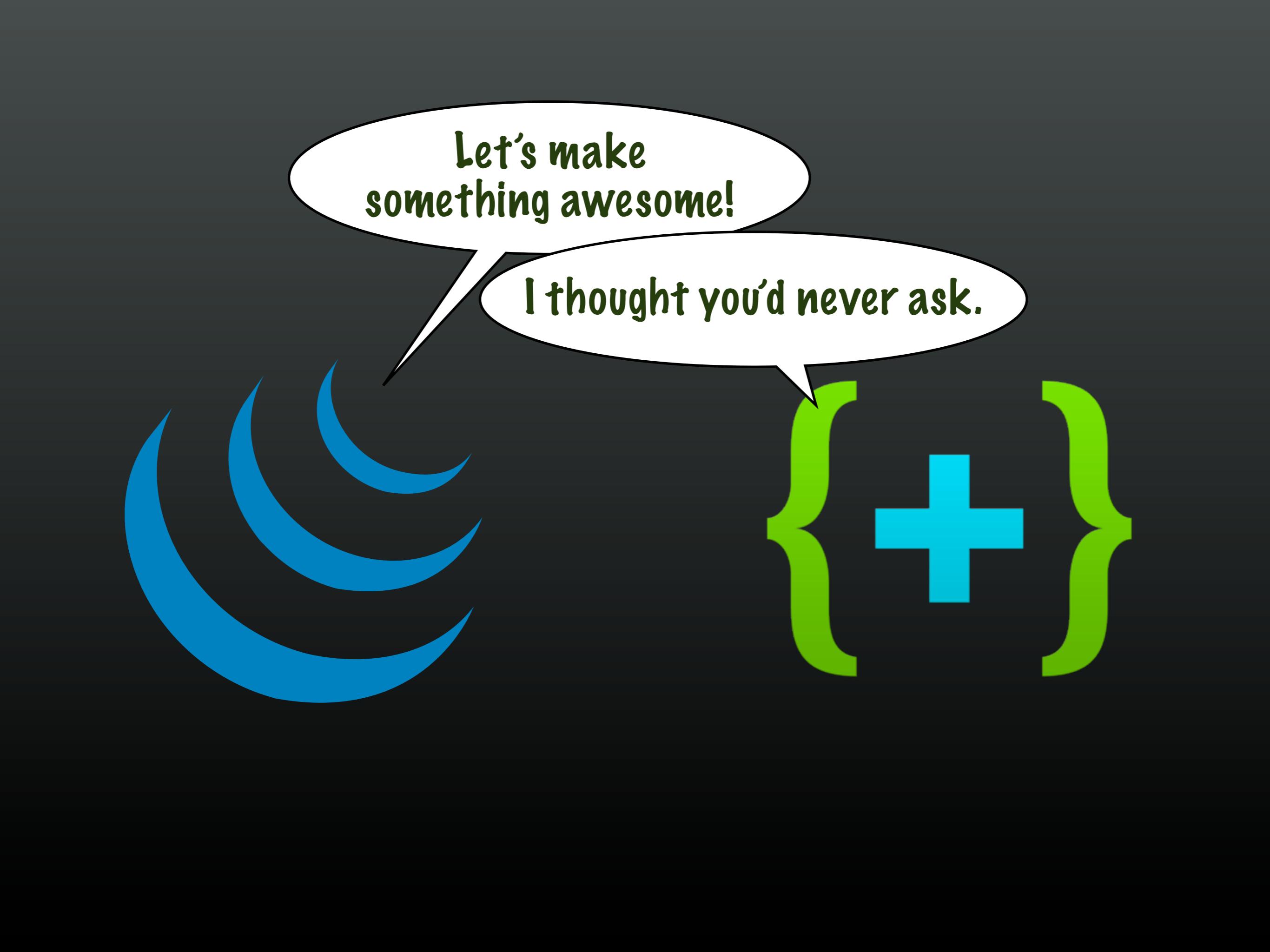
One-off CSS
scripts & libraries

Browser
Patchers

Testing
Scripts

Shorthand
Parsers

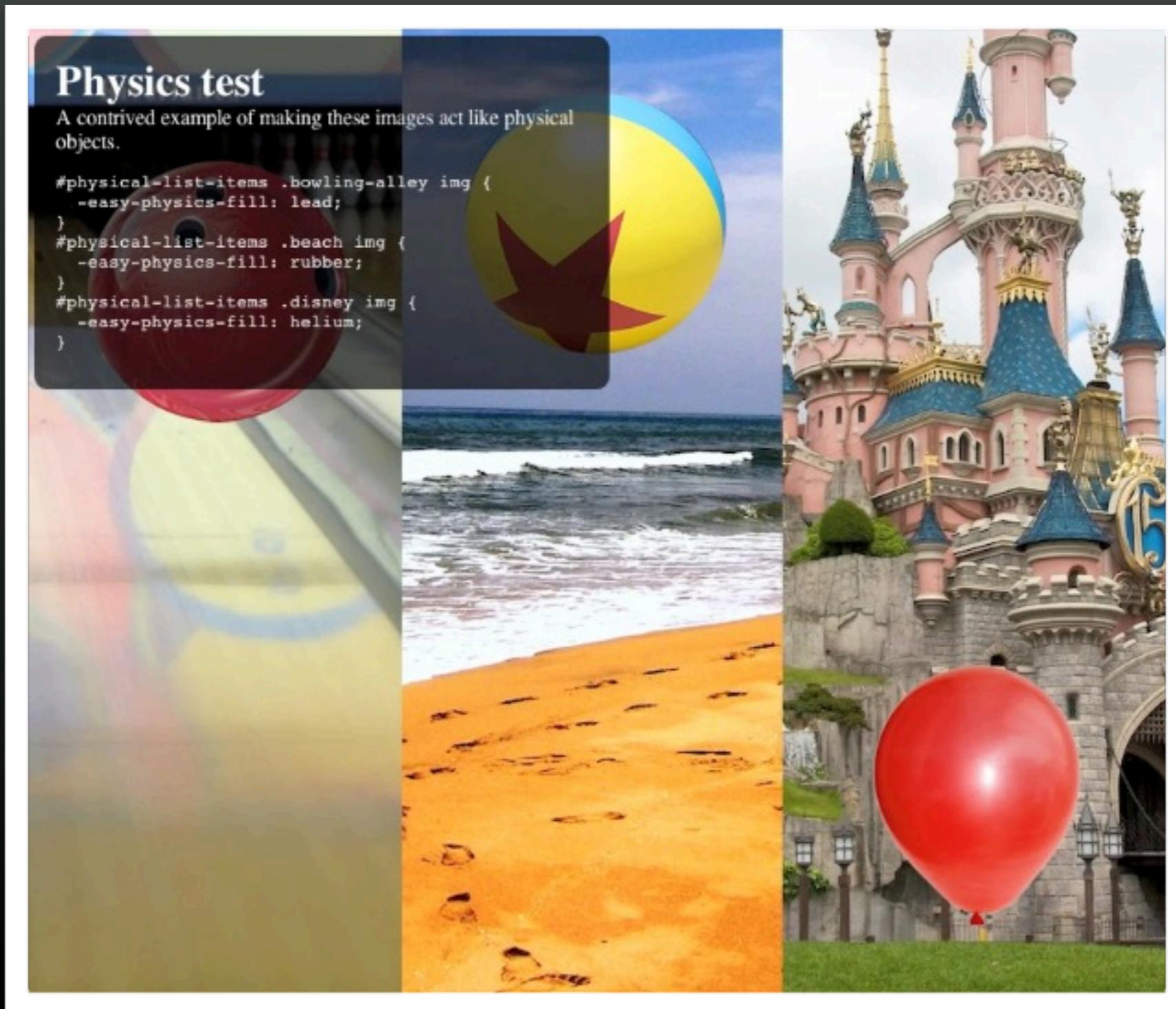
Custom
CSS
Parsers



Let's make
something awesome!

I thought you'd never ask.

Pointless, but possible



Step 1: Dependencies

```
<script type="text/javascript" src="eCSStender.js"></script>
<script type="text/javascript" src="jquery.js"></script>
<script type="text/javascript" src="jquery.EasyPhysics.js"></script>
```

Step 1: Dependencies

```
// jquery.EasyPhysics.js
EasyPhysics.Balloon      = function( el ) {
    new PhysicalObject(
        el,      // element
        0,       // velocity
        -0.5,    // kinetic energy
        -0.1    // gravitational effect
    );
};

EasyPhysics.RubberBall   = function( el ) {
    new PhysicalObject( el, 0, -0.8, 0.5 );
};

EasyPhysics.BowlingBall  = function( el ) {
    new PhysicalObject( el, 1, -0.4, 0.9 );
};
```

Step 2: Registration

```
eCSStender.register(
```

```
);
```

Step 2: Registration

```
eCSStender.register(  
  { property: '-easy-physics-fill',  
    fingerprint: 'net.easy-designs.-easy-physics'  
  },  
  
);
```

Step 2: Registration

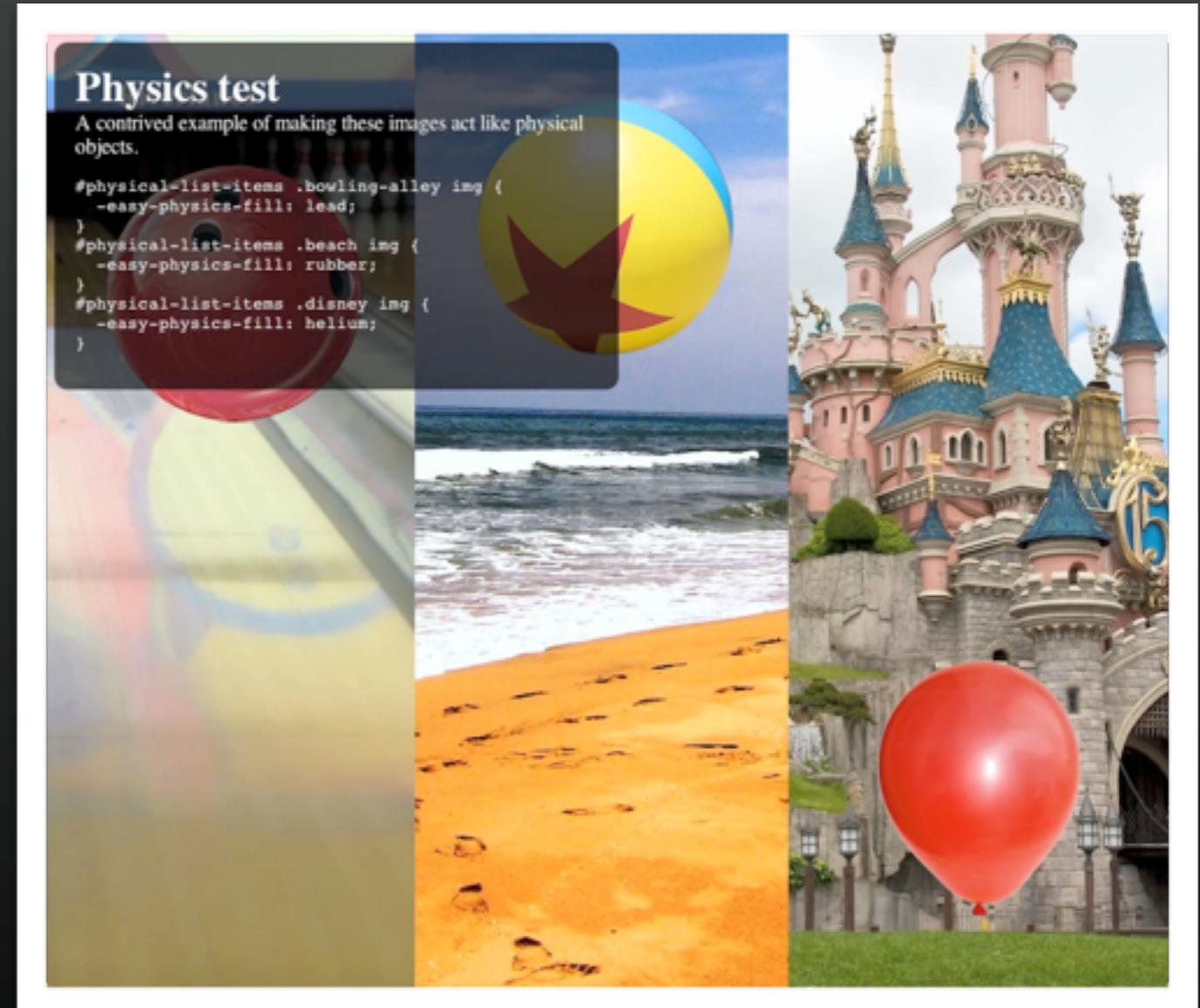
```
eCSStender.register(  
  { property: '-easy-physics-fill',  
    fingerprint: 'net.easy-designs.-easy-physics'  
  },  
  false,  
  
);
```

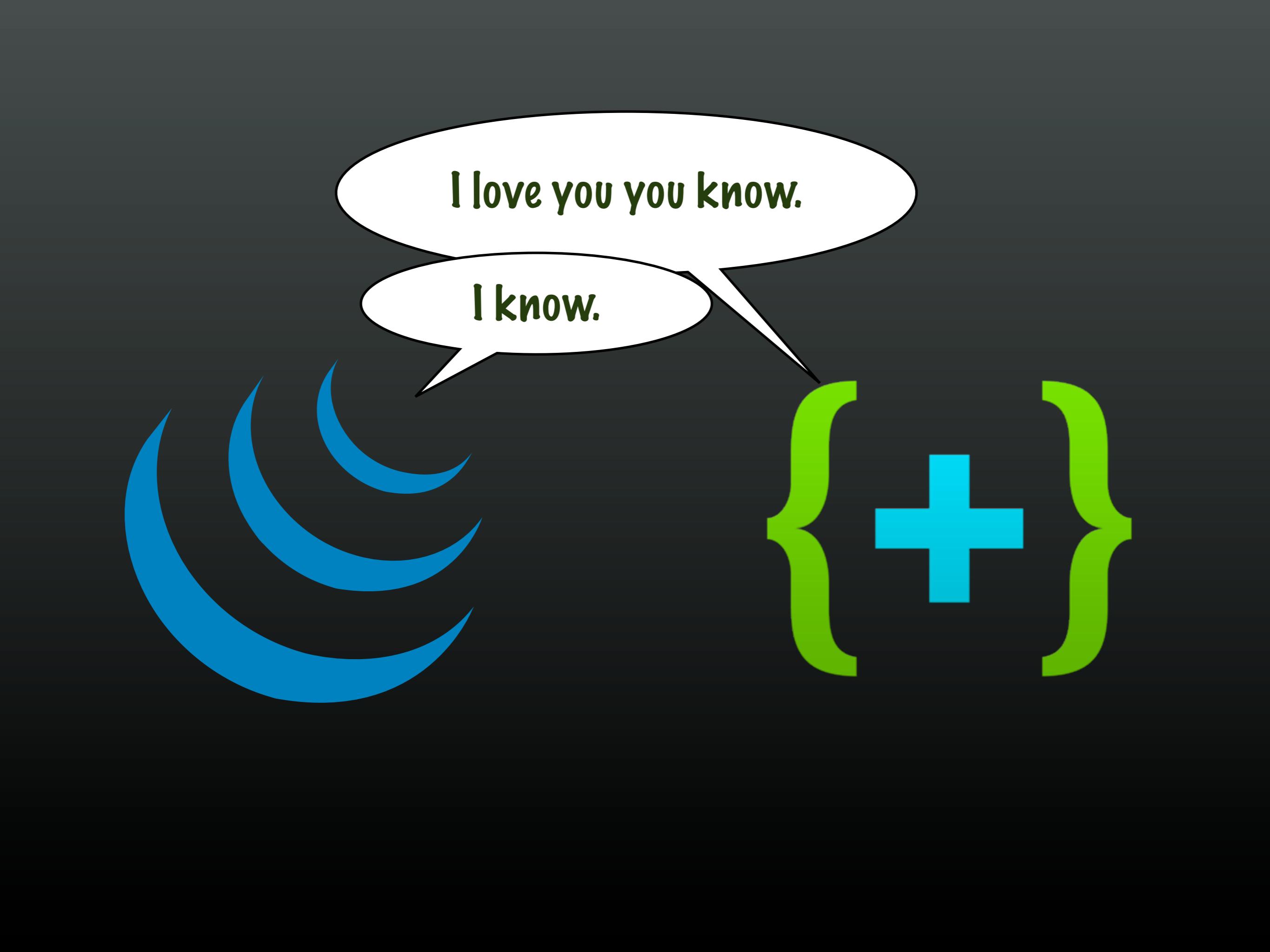
Step 2: Registration

```
eCSStender.register(  
  { property: '-easy-physics-fill',  
    fingerprint: 'net.easy-designs.-easy-physics'  
  },  
  false,  
  function( selector, properties ){  
    var $el = $(selector);  
    switch ( properties['-easy-physics-fill'] )  
    {  
      case 'helium':  
        new EasyPhysics.Balloon( $el );  
        break;  
      case 'rubber':  
        new EasyPhysics.RubberBall( $el );  
        break;  
      case 'lead':  
        new EasyPhysics.BowlingBall( $el );  
        break;  
    }  
});
```

Pointless, but possible

```
.bowling-alley img {  
    -easy-physics-fill: lead;  
}  
.beach img {  
    -easy-physics-fill: rubber;  
}  
.disney img {  
    -easy-physics-fill: helium;  
}
```

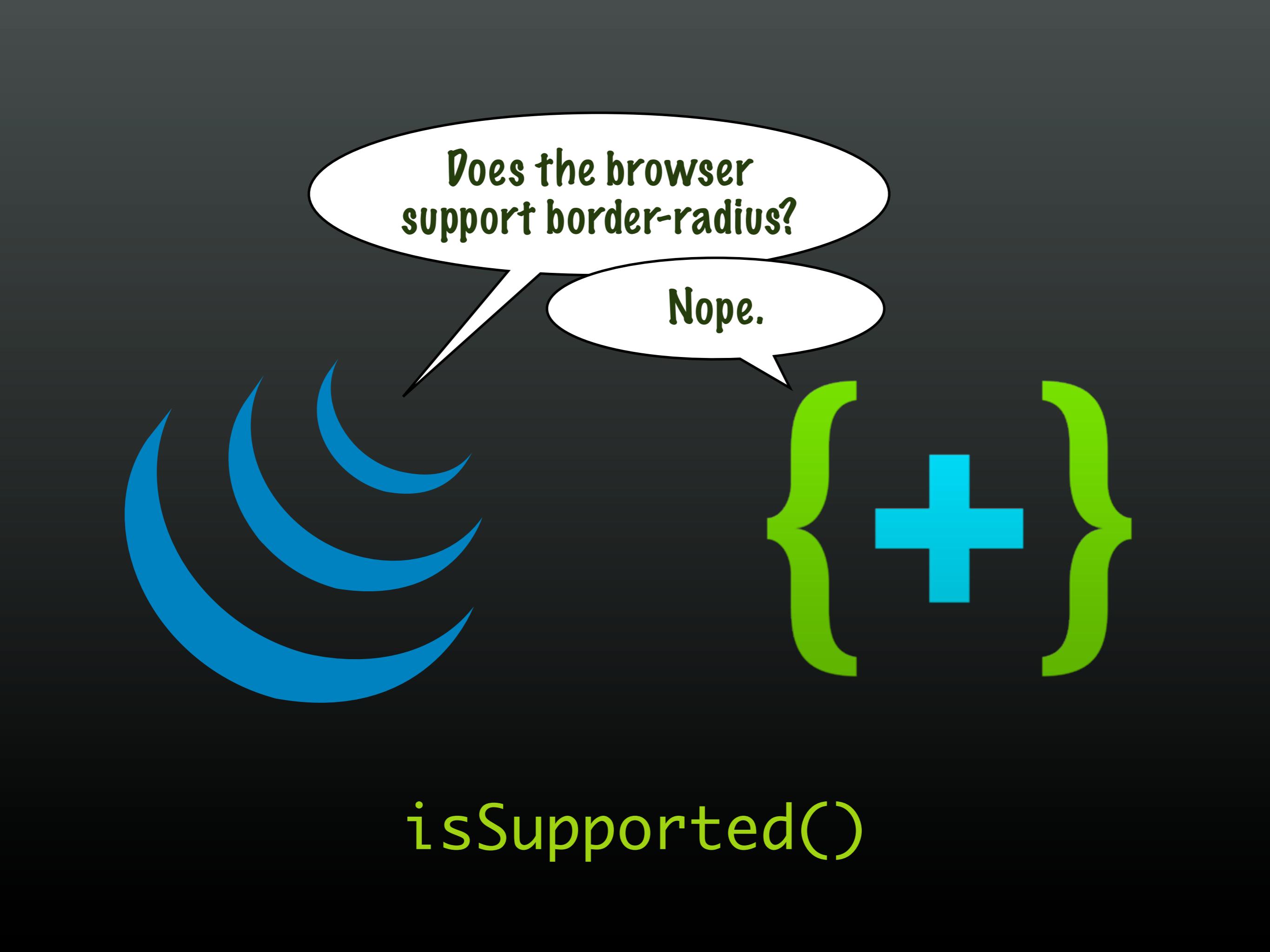




I love you you know.

I know.

{+}



Does the browser
support border-radius?

Nope.

{+}

isSupported()

isSupported()

```
eCSStender.isSupported(  
  'property',  
  'visibility: hidden'  
);  
// true  
  
eCSStender.isSupported(  
  'property',  
  'foo: bar'  
);  
// false
```

isSupported()

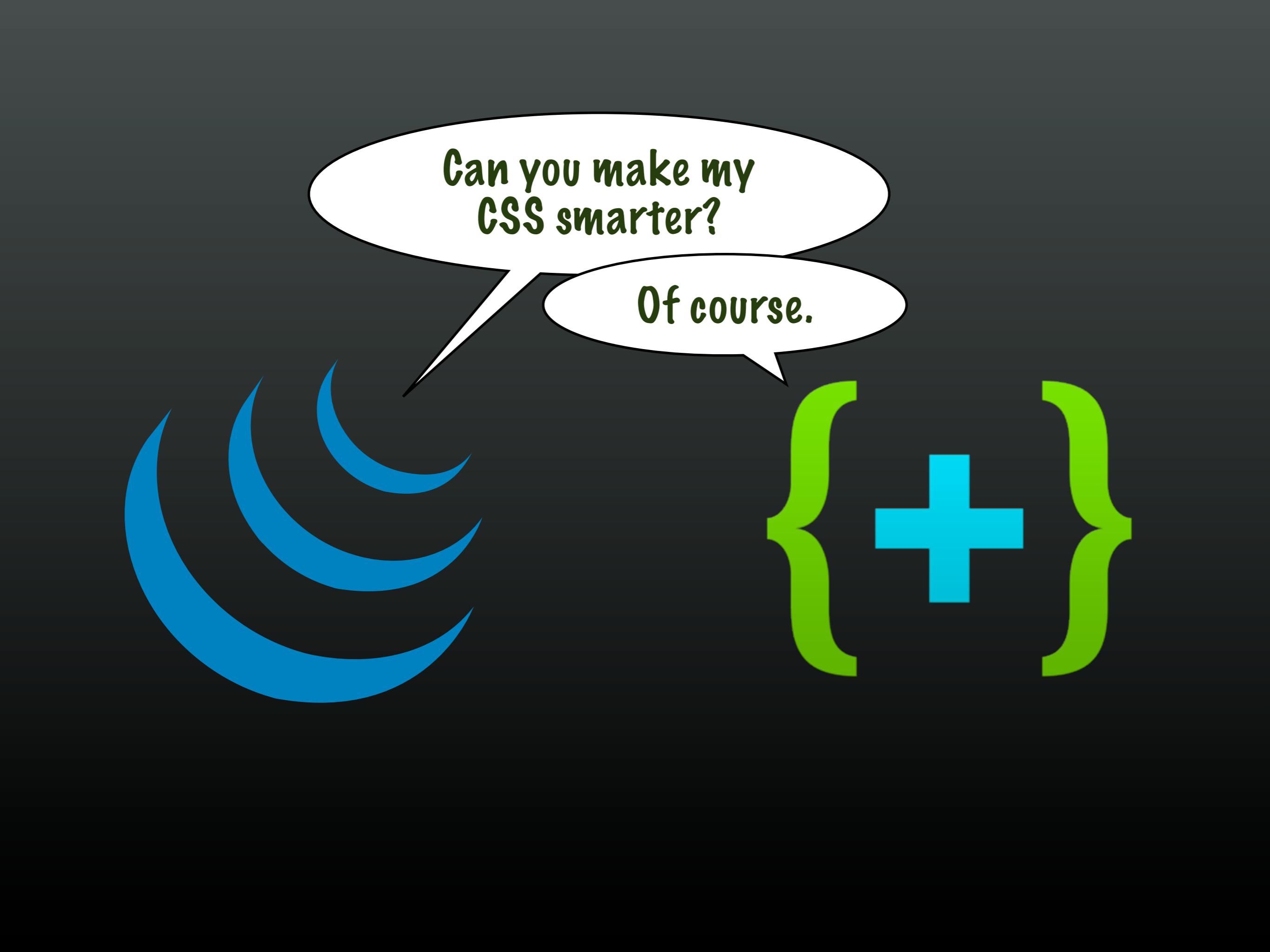
```
eCSStender.isSupported(  
  'property',  
  'visibility',  
  'hidden'  
);  
// true  
  
eCSStender.isSupported(  
  'property',  
  'color',  
  ['#000000', 'black', 'rgb(0,0,0)']  
);  
// true
```

isSupported()

```
var
el = document.createElement('b'),
html = document.createElement('p');
html.appendChild(el);

eCSStender.isSupported(
  'selector',
  'p b',
  html,
  el
);
// true

eCSStender.isSupported(
  'selector',
  'p ?? b',
  html,
  el
);
// false
```



Can you make my
CSS smarter?

Of course.



Inline style sucks...

```
<div style="display: none;">  
  <p>Some content</p>  
</div>
```

...don't do it!

```
<div style="display: none;">  
  <p>Some content</p>  
</div>
```

makeUniqueClass()

```
(function(){
  var
    e      = eCSStender,
    the_class = e.makeUniqueClass(),
    the_regex = /:checked/,
    classify = function() {
      var
        inputs = document.getElementsByTagName('input'),
        i      = inputs.length;
      while ( i-- ) {
        if ( inputs[i].checked ) {
          e.addClass( inputs[i], the_class );
        } else {
          e.removeClass( inputs[i], the_class );
        }
      }
    };
  // ...
})();
```

excerpt from :checked CSS3 Selectors extension

github.com/easy-designs/eCSStender.CSS3-selectors.js

embedCSS()

```
eCSStender.embedCSS(  
  'p { color: red; }',  
  'screen',  
  false  
);  
// embeds the declaration block in  
// a screen-specific stylesheet immediately
```

applyWeightedStyle()

```
eCSStender.applyWeightedStyle(  
  el, { 'visibility': 'hidden' }, 10 );  
// el now has visibility: hidden set  
// with a specificity of 10  
  
eCSStender.applyWeightedStyle(  
  el, { 'visibility': 'visible' }, 1 );  
// el is not set to visible because  
// the specificity is not high enough  
  
eCSStender.applyWeightedStyle(  
  el, { 'visibility': 'visible' }, 10 );  
// el is now “visible” because the specificity  
// is equal to the prior specificity  
  
eCSStender.applyWeightedStyle(  
  el, { 'visibility': 'hidden' }, 100 );  
// el is now “hidden” again because the  
// specificity is greater than the prior one
```

As flexible as possible

```
function embed( selector, properties, medium )
{
  var style_block = '', prop;
  for ( prop in properties )
  {
    if ( eCSStender.isInheritedProperty( properties, prop ) ) {
      continue;
    };
    style_block += prop + ':' + properties[prop] + ';';
  }
  if ( style_block != EMPTY )
  {
    eCSStender.embedCSS(
      selector + '{' + style_block + '}', medium
    );
  }
}
```

excerpt from CSS3 Selectors extension

github.com/easy-designs/eCSStender.CSS3-selectors.js

As flexible as possible

```
function inline( selector, properties, medium, specificity ) {  
    if ( medium != 'screen' ){ return; }  
    try {  
        var  
        $els = $( selector ),  
        i    = $els.length;  
        while ( i-- ) {  
            eCSStender.applyWeightedStyle( $els[i], properties, specificity );  
        }  
        $els = null;  
    } catch(e) {  
        // throw new Error( LIB_ERROR + selector );  
    }  
}
```

excerpt from CSS3 Selectors extension

github.com/easy-designs/eCSStender.CSS3-selectors.js

As flexible as possible

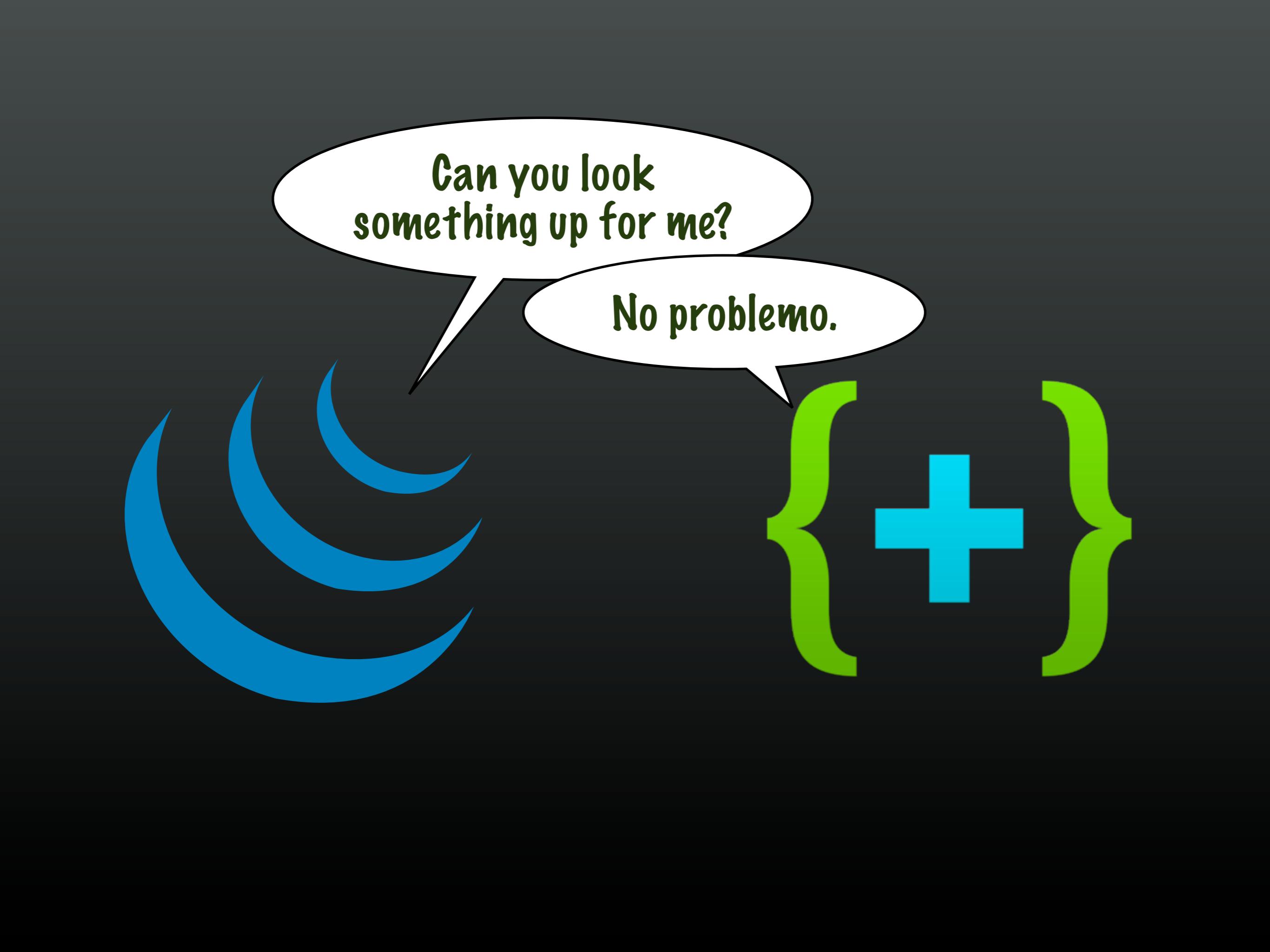
```
eCSStender.register(  
  // ...  
  function( selector, properties, medium, specificity ) {  
    var  
      calc = 'p:nth-child(2n+1)',  
      d = div.cloneNode(true),  
      p = para.cloneNode(true),  
      func = inline;  
    d.appendChild( p );  
    // embedding is the way to go  
    if ( ( eCSStender.isSupported( 'selector', 'p:nth-child(odd)' , d, p ) &&  
          ! eCSStender.isSupported( 'selector', calc, d, p ) &&  
          selector.match( /:nth-child\(\s*(?:even|odd)\s*\)/ ) != null ) ||  
        eCSStender.isSupported( 'selector', calc, d, p ) ) {  
      func = embed;  
    }  
    func( selector, properties, medium, specificity );  
    return func;  
  });
```

excerpt from :checked CSS3 Selectors extension

github.com/easy-designs/eCSStender.CSS3-selectors.js

addRules()

```
var style = eCSStender.embedCSS(  
  'p { color: red; }',  
  'screen',  
  false  
);  
  
// ...  
  
eCSStender.addRules(  
  style,  
  'p { color: blue; }'  
);
```



Can you look
something up for me?

No problemo.

lookup()

```
var matches = eCSStender.lookup(  
  {  
    selector: 'h1',  
    specificity: { min: 0, max: 2 }  
  },  
  '*'  
);  
// looks for rules where the  
// selector includes an h1 and the  
// specificity is between 0 and 2  
// e.g.  
// [ { medium: 'all'  
//   selector: 'h1',  
//   specificity: 1  
//   properties: { color: 'red' }  
// }, ... ]
```





Help make me better!

MIT Licensed

Fork: github.com/easy-designs/eCSStender.js
Discuss: groups.google.com/group/ecsstender

jQuery, eCSStender & you

by Aaron Gustafson

Slides available at

<http://slideshare.net/AaronGustafson>

This presentation is licensed under

[Creative Commons](#)

[Attribution-Noncommercial-Share Alike 3.0](#)

More on eCSStender:

<http://eCSStender.org>

@eCSStender

flickr Photo Credits

“Everyone loves books but I thought this was the
dullest photo i had ever taken. I guess not.” by boltron-

“Sharing” by bengrey

“Three wise monkeys” by Anderson Mancini

“Chemcraft manual” by underwhelmer

“crawfordmarketcarrotman” by Rigarole

“Röck!! on the right” by Adactio

“Internals” by alexsnaps

“Wood” by Joost J. Bakker IJmuiden

“Tribute to Willy Puchner's 'The Penguins Longing” by Curnen

<http://flickr.com/photos/aarongustafson/galleries/72157625226185257/>