# Variable Fonts &
the Future of Web Design

a tale of slaying dragons, graphic design, and other improbable skills in designing for the digital world

Jason Pamental | @jpamental

Design/Technology Thinking & Tinkering

NEDcamp 2017

Isovera

The territory ahead

typography

type

design

intent

laziness

evolution

intentionality

status quo

revolution

status olim
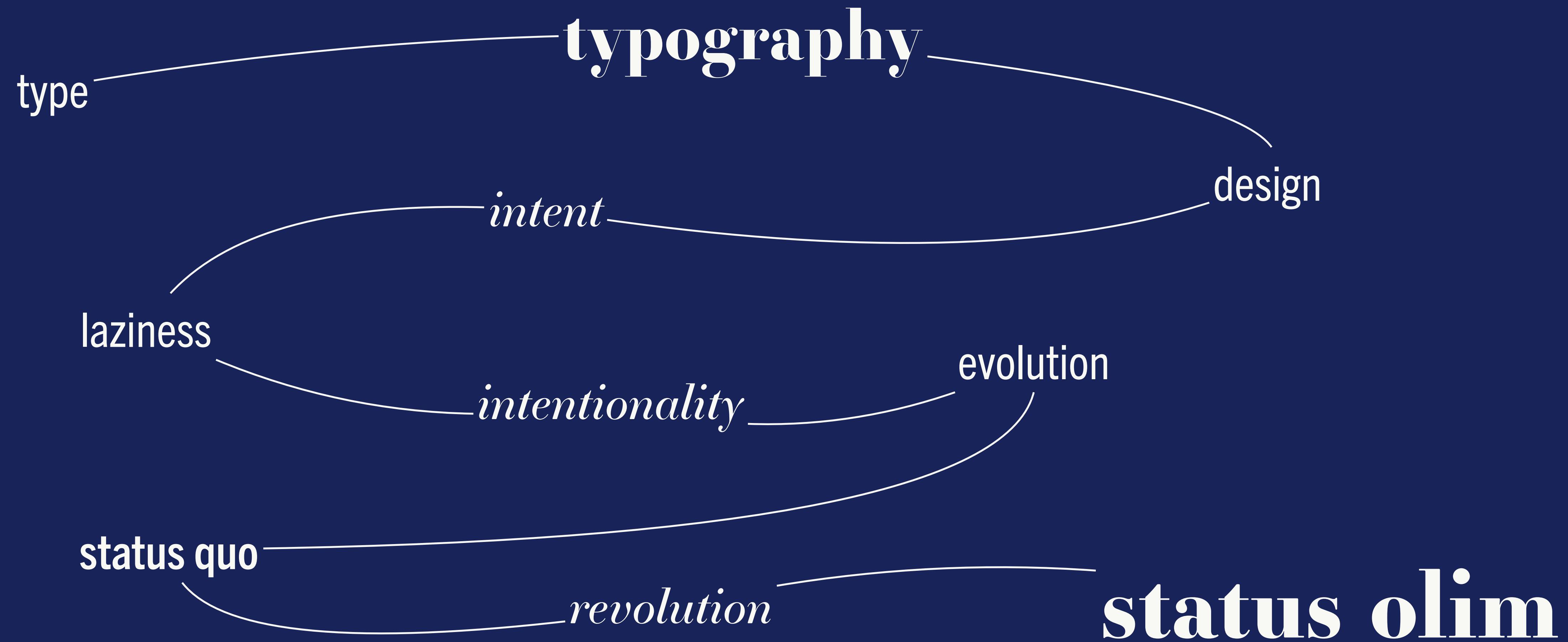
I'm Jason, and I'm a
web typographer
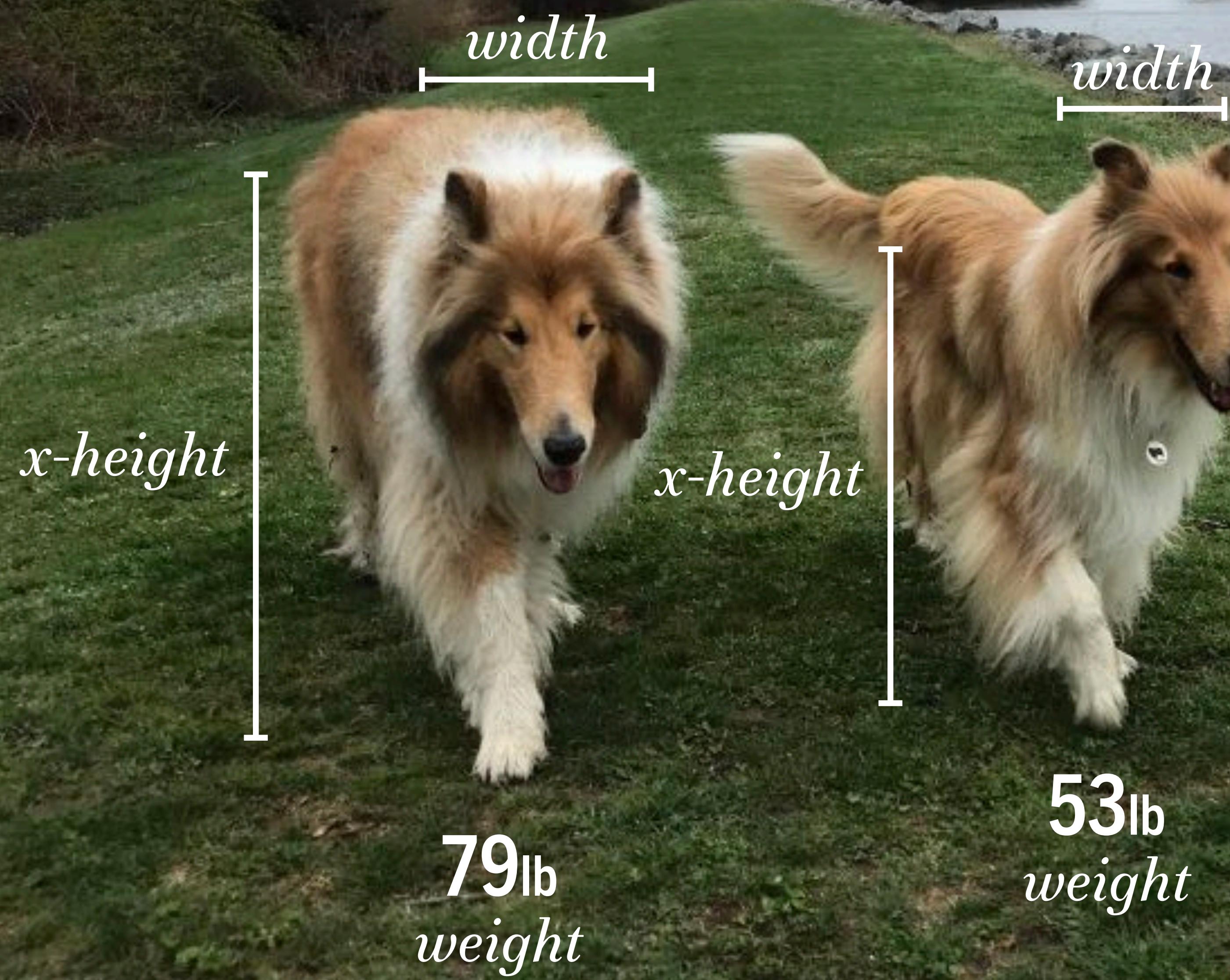
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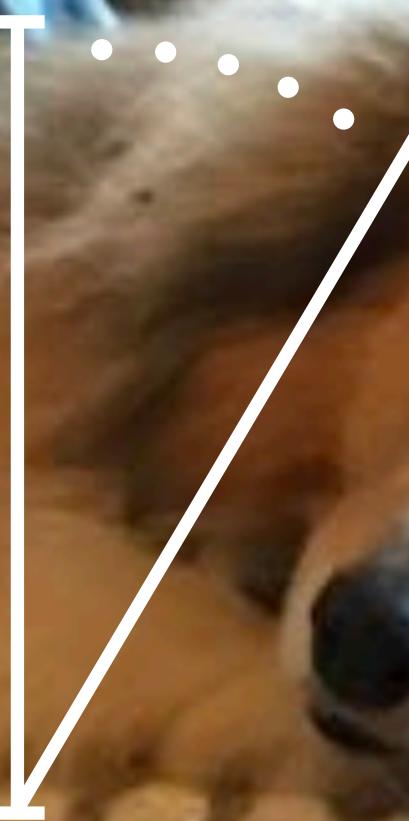
Most of the web is words.

(and cat videos. but mostly words)

ps. Jpm̄. euoae. iii Benedictus deus israel

ca. Jpm̄. euoae. mt Jú. Jubilemus

deo Salutari nr̄o. Ant Ur nō deliqñ. euoae.

Dixi custodiã uias meas: ut nō delinquã in lingua mea. Posui ori meo custodiam: cū ꝑsisteret peccōr aduīsū me.

Obmutui ⁊ humiliatus sū ⁊ silui a bonis: ⁊ dolor meus renouat est.

Cōcaluit cor meū intra me: ⁊ in meditatione mea exardescet ignis.

Locutus sū in lingua mea: notū fac michi dñe finē meū.

Et numerū dierū meorū quis est:

ut sciam quid desit michi.

Ecce mēsurabiles posuisti dies meos: ⁊ substātia mea tanquã nichilum ante te.

Verumtamen uniuersa uanitas: omnis homo uiuens.

Verumtamen iymagine ꝑtransit homo: sed ⁊ frustra cōturbatur.

Thesaurizat: et ignorat cui congregabit ea.

Et nunc que ē expectatio mea nōne dñs: ⁊ substātia mea apud te est.

Ab omnibʒ iniqtatibʒ meis erue me: obꝯpbriū insipiēti dedisti me.

Obmutui ⁊ nō aperui os meū: qm̄ tu fecisti amoue a me plagas tuas.

A fortitudine manus tue ego defeci in increpationibʒ: ꝓpter iniquitatē corripuisti hominē.

Rimo procemium. Secūdo quēad
tradēda sint. Tertio utrum utiliu
diātur. Quarto qua ratione in pa
& quæ tradēda sint. Quīto de gra
grāmatici. Septimo an oratori fu
artium sciētia. Octauo de musicæ. Nono de g
ma pronunciationis & gestus institutione. V
tempore doceri prima ætas possit.

CHAPTER I   LOOMINGS

CALL me Ishmael. Some years ago—never mind how
long precisely—having little or no money in my
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CHAPTER I

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➤ · ◄

The secret of paper, as with silk before it, was jealously guarded by the ancient Chinese. Traditionally, those who attempted to smuggle out any of the key components of silk production were punished harshly or even executed. Silk cocoons, silkworms, and the mulberry trees

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Type Classification at a Glance

The typefaces in this book are arranged by classification. This makes similar designs easier to compare and introduces a vocabulary that will not only make you sound smart at parties, but will also help you identify, select, and combine typefaces.

But first, a warning: there is no universal classification system. Just like any attempt to apply a set of genres to creative work, be it music, literature, or art, typeface classification is inherently problematic. After all, type is not biology—a typeface doesn't have a genetic code like

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"It turns out one of the leading concrete experts in the country is Harry Hill's dad!" *Andy Altmann*

"It turns out one of the leading concrete experts in the country is Harry Hill's dad!" *Andy Altmann*

Words communicate meaning; typography either amplifies or dilutes it.

Every detail that's just 'ok' lessens our words' impact

Has the Internet Killed Curly Quotes?

Web publications tend to favor straight quotation marks, a pragmatic approach to typography that old-school stylists can't stand.

GLENN FLEISHMAN | DEC 28, 2016 | TECHNOLOGY

f Share   🐦 Tweet   ...

TEXT SIZ

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§ ⅗ ¶

G

This is about the survival of centuries of thought & progress

Dragon № 1

The practice of typography for digital systems is *different*

Let's talk a little bit about why

How can't we control the web?

Let me count the ways

The web, circa 1994

Whoa—tables (circa 1997)

Web fonts (first widely supported in 2009)

Design is Communication

And if you can't explain it, you're not done designing it yet

A while back I wrote an article about one of my most influential experiences studying Graphic Design: the requirement of one of my instructors that we show up for any 'first crit' with no fewer than 30 thumbnails. But there was another experience, with another instructor, that perhaps had an even greater impact on me and on the way I guide and teach other designers.

While [Hee Mong Kim's requirement](#) centered on the start of any project, Nancy Bockbrader's signature element came at the finish: every project, no matter how big or small, had to include a paper explaining the 'why' behind the design decisions made in the course of the assignment. It could be as short as a

> *"Without explanation all we can do is evaluate execution, not effectiveness"*

paragraph or two, but if you couldn't explain in clear language the reasoning for your typeface selection, color palette or any other visual language, you just weren't done.

Design is Communication

And if you can't explain it... ...done designing it yet

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work clearly and convincingly on a regular basis, they're far more likely to do so with clients. This is critical, because in all but the rarest of cases, our clients aren't designers. They don't know what we know, or speak the same language we speak. We must be our own translators, and educate the client along the way. If we can't bring them along to the view we have created, why should they believe us when we say it's the right one?

At Isovera we've been bringing practices like this back into our daily routines. When we talk about work, we talk about why it's effective. When a designer works on a project, they present it to the client. If two designers are working, they each present their own. Not only does this provide opportunity to practice this kind of communication, it also gives them the credit they deserve for the work they have done. The solution comes from the team, so the team should have time in front of the client to shine.

§

BESIDES, AS MIKE MONTEIRO PUT IT SO WELL IN *DESIGN IS A JOB:* IF YOU'RE NOT THE ONE selling it, you didn't finish designing. ❧

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By Jason Pamental | Monday 12 September 2016 12.00 BST

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> " *Without explanation all we can do is evaluate execution, not effectiveness* "

Dragon № 2

Unstoppable force, meet immovable object

or 'how content showing up at all trumps pretty much anything else in the way'

In **3** seconds, **53%** of your mobile audience will leave

In 3 seconds, 53% of your ~~mobile~~ audience will leave

it's been **2.9** seconds—do you know where your web fonts are?

localhost/rwt-vf-demo/html/index_v3.html

Variable Fonts

FONT OVERLOAD | ***VARIABLE FONT*** DEMO

Variable fonts & the future of web design

by Jason Pamental | Tuesday 02 October 2016 12.00 EDT

Our state of affairs

The current state of design on the web is stalled. We made a huge leap forward with the widespread availability of web fonts starting in 2009, and then were confronted with the advent of responsive design just a year or two later. While many interesting things have come from that evolution, we've also struggled with coming to grips with the complexity of designing for infinite screen sizes whilst being equally concerned with performance. Contending with ever-shortening attention spans (Google research gives you about 3 seconds before you lose half your audience) we've had to constrain our typo-

549k

amount of font data downloaded to render this page (18 different weights, widths & variants)

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87k

amount of font data downloaded to render this page (4 different weights, widths & variants)

Typographic diversity is the norm

3 Faces
7+ weights

3 Faces
9+ weights

2 Faces
8+ weights

3 Faces
8+ weights

1 Face
9+ weights

via archive.org

26 billion

Number of times Open Sans was served by Google Fonts API *last week*

September 14th, 2016

ATypI Warsaw

Enter Sandman

Or at least **Variable Fonts**

Moby Dick

CHAPTER 1. Loomings.

Call me Ishmael. Some years ago–never mind how long precisely–having little or no money in my purse, and nothing particular to interest me on shore, I thought I would sail about a little and see the watery part of the world. It is a way I have of driving off the spleen and regulating the circulation. Whenever I find myself growing grim about the mouth; whenever it is a damp, drizzly November in my soul; whenever I find myself involuntarily pausing before coffin warehouses, and bringing up the rear of every funeral I meet; and especially whenever my hypos get such an upper hand of me, that it requires a strong moral principle to prevent me from deliberately stepping into the street, and methodically knocking people's hats offthen, I account it high time to get to sea as soon as I can. This is my substitute for pistol and ball. With a philosophical flourish Cato throws himself upon his sword; I quietly take to the ship. There is nothing surprising in this. If they but knew it, almost all men in their degree, some time or other, cherish very nearly the same feelings towards the ocean with me.

There now is your insular city of the Manhattoes, belted round by wharves as Indian isles by coral reefscommerce surrounds it with her surf. Right and left, the streets take you waterward. Its extreme downtown is the battery, where that noble mole is washed by waves, and cooled by breezes, which a few hours previous were out of sight of land. Look at the crowds of water-gazers there.

Moby Dick

CHAPTER 1. Loomings.

26 files

619kb

30% of total page load

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Circumambulate the city of a dreamy Sabbath afternoon. Go from Corlears Hook to Coenties Slip, and from thence, by Whitehall, northward. What do you see?Posted like silent sentinels all around the town, stand thousands upon thousands of mortal men fixed in ocean reveries. Some leaning against the spiles; some seated upon the pier-heads;

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2 files

74kb

2 dragons, 1 font

Variable Fonts

| FONT OVERLOAD | VARIABLE FONT DEMO |

Requires using the [Webkit Nightly build](#) on MacOS

Variable fonts & the future of web design *

by Jason Pamental | Tuesday 02 October 2016 12.00 EDT

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One

Number of font files called for the text on this page

A **variable font** is a single **font** file that behaves like multiple **fonts**

John Hudson

via Nick Sherman

Variation Axes *in* Action:

Weight
```
font-variation-settings: "wght" 300;
```
wght

Width
```
font-variation-settings: "wdth" 200;
```
wdth

Slant
```
font-variation-settings: "slnt" 100;
```
slnt

Italic
```
font-style: normal;
```
ital

Optical Size
```
font-variation-settings: "opsz" 50;
```
opsz

Grade
```
font-variation-settings: "grad" 88;
```
grad

Featuring Output Sans by DJR, Louvette by CJ Dunn, & Amstelvar by David Berlow & Type Network

handglove

Straight outta Compton

Er, Webkit & Axis-Praxis.org

If type is the voice of our words
that voice just became a chorus

but wait—don't forget
Dragon № 3

Variable font and the future of

localhost/rwt-vf-demo/html/index.html

Responsive ▾   383 × 711   100% ▾

Variable Fonts

☰ MENU

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549k

amount of font data downloaded to render this page (18 different weights, widths & variants)

Elements »

```
<!-- Add your site or
application content here -->
▶<header role="banner" class=
"banner clearfix" id="banner">…
</header>
▶<nav role="navigation" class=
"nav clearfix main-nav" id=
"nav">…</nav>
▼<main class="content-area
clearfix"> == $0
    ::before
  ▶<div class="section-content
  border-top">…</div>
    <!--/.section-content-->
    ::after
  </main>
▶<footer id="footer" class=
```

body   main.content-area.clearfix

Styles   Event Listeners »

:hov .cls +

```
element.styl
e {
}
styles.css:1…
.content-area
{
  padding-
  bottom:
  5em;
}
styles.css:4…
.content-area
{
  clear:
  both;
}
normalize.mi…
article,
```

margin -
border -
padding -
383 × 2693.500
80

Filter   ☐ Show all

▶ box-siz…   border…
▶ clear   both
▶ color   ■ rgb(…
▶ display   block
▶ font-fa… Roboto,…

Console   What's New ×

Highlights from Chrome 59

CSS and JS code coverage
Find unused CSS and JS with the new Coverage drawer.

Full-page screenshots
Take a screenshot of the entire page, from the top of the viewport to the bottom.

Responsive ▾   1145 × 711   100% ▾

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Elements »

```
<head>...</head>
<body>
  ::before
  <!-- Add your site or
  application content here -->
  <header role="banner" class=
  "banner clearfix" id="banner">...
  </header>
  <nav role="navigation" class=
  "nav clearfix main-nav" id=
  "nav">...</nav>
  <main class="content-area
  clearfix">...</main> == $0
  <footer id="footer" class=
  "footer clearfix" role=
  "contentinfo">...</footer>
  <script src="../js/vendor/
```

body   main.content-area.clearfix

Styles   Event Listeners   »

:hov .cls +

element.styl
e {
}

styles.css:1...
.content-area
{
  padding-
  bottom:
  5em;
}

styles.css:4...
.content-area
{
  clear:
  both;
}

normalize.mi...
article,

margin		
border		
padding		
1145 × 1906.520		
80		

Filter   ☐ Show all

| ▶ box-siz... | border-... |
▶ clear	both
▶ color	■ rgb(...
▶ display	block
▶ font-fa...	Roboto,...

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    </header>
  ▶ <nav role="navigation" class=
    "nav clearfix main-nav" id=
    "nav">…</nav>
  ▶ <main class="content-area
    clearfix">…</main>  == $0
  ▶ <footer id="footer" class=
    "footer clearfix" role=
    "contentinfo">…</footer>
  ▶ <script src="../js/vendor/
```

body   main.content-area.clearfix

Styles   Event Listeners   »

:hov .cls +

```
element.styl
e {
}
styles.css:1...
.content-area
{
    padding-
    bottom:
    5em;
}
styles.css:4...
.content-area
{
    clear:
    both;
}
normalize.mi...
article,
```

margin
border
padding
1145 × 1906.520
80

Filter   ☐ Show all

```
▶ box-siz…   border-…
▶ clear      both
▶ color      ■ rgb(…
▶ display    block
▶ font-fa…   Roboto,…
```

Console | What's New ✕

Highlights from Chrome 59

CSS and JS code coverage
Find unused CSS and JS with the new Coverage drawer.

Full-page screenshots
Take a screenshot of the entire page, from the top of the viewport to the bottom.

Moby Dick

CHAPTER 1. Loomings.

Call me Ishmael. Some years ago—never mind how long precisely—having little or no money in my purse, and nothing particular to interest me on shore, I thought I would sail about a little and see the watery part of the world. It is a way I have of driving off the spleen and regulating the circulation. Whenever I find myself growing grim about the mouth; whenever it is a damp, drizzly November in my soul; whenever I find myself involuntarily pausing before coffin warehouses, and bringing up the rear of every funeral I meet; and especially whenever my hypos get such an upper hand of me, that it requires a strong moral principle to prevent me from deliberately stepping into the street, and methodically knocking people's hats offthen, I account it high time to

Moby Dick oder Der weiße Wal

Erstes Kapitel

Als ich vor einigen Jahren – wie lange es genau her ist, tut wenig zur Sache – so gut wie nichts in der Tasche hatte und von einem weiteren Aufenthalt auf dem Lande nichts mehr wissen wollte, kam ich auf den Gedanken, ein wenig zur See zu fahren, um die Welt des Meeres kennenzulernen. Man verliert auf diese Weise seinen verrückten Spleen, und dann ist es auch gut für die Blutzirkulation. Wenn man den scheußlichen Geschmack auf der Zunge nicht loswerden kann; wenn man das Frostgefühl eines feuchten und kalten Novembers auf der Seele hat; wenn man unwillkürlich vor jedem Sargmagazin stehenbleibt und jedem Leichenzug

`font-variation-settings: "wdth" 804;`

Moby Dick

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`font-variation-settings: "wdth" 351;`

Moby Dick

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Call me Ishmael. Some years ago—never mind how long precisely—having little or no money in my purse, and nothing particular to interest me on shore, I thought I would sail about a little and see the watery part of the world. It is a way I have of driving off the spleen and regulating the circulation. Whenever I find myself growing grim about the mouth; whenever it is a damp, drizzly November in my soul; whenever I find myself involuntarily pausing before coffin warehouses, and bringing up the rear of every funeral I meet; and especially whenever my hypos get such an upper hand of me, that it requires a strong moral principle to prevent me from deliberately stepping into the street, and methodically knocking people's hats offthen, I account it high time to get to sea as soon as I can. This is my substitute for pistol and ball. With a philosophical flourish Cato throws

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font-variation-settings: "GRAD" 123;
```

This changes *everything*

Status check: support
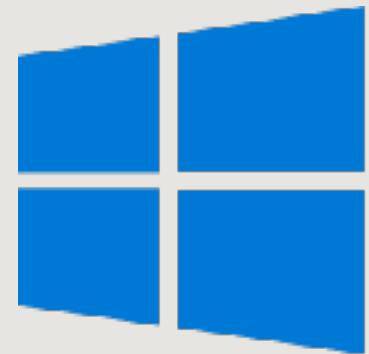
But what about the future?

Unreleased Tax Returns May Doom Trump's Overhaul Effort

By ALAN RAPPEPORT

- Democrats have pledged not to cooperate on rewriting the tax code unless they know how it would benefit the billionaire president and his family.

- Republicans, more than a dozen of whom are also calling for President Trump to release his taxes, remain sharply divided on possible legislation.

■ 584 Comments

· **Spicer Argues Public Disclosure Is Unnecessary, Even Harmful**

Trump Drifts Away From Populism, to Supporters' Dismay

Todd Heisler/The New York Times

Patrolling the Border on Four Legs

The Times tagged along for a shift of Border Patrol agents on horseback, who play an essential role in detecting illegal activity near hard-to-patrol areas along the Rio Grande.

Text by RON NIXON and Photographs by TODD HEISLER

Your Tuesday Briefing

By CHRIS STANFORD 7:22 AM ET

Here's what you need to know to start your day.

· **New York Today: A Holocaust Survivor's Story, on Stage**

The Opinion Pages

EDITORIAL

Democracy Loses in Turkey

The country's fate will be in the hands of an erratic and vengeful man.

- · **Editorial: A Stronger Transit Web, on the Water**
- · **Brooks: How to Leave a Mark on People**
- · **Leonhardt: You're Too Busy. You Need a 'Shultz Hour.'**
- · **Have These Been the Best Two Weeks of Trump's First 100 Days?**
- · **How America Is Losing the Credibility War**
- · **What's Next After Turkey's Referendum?**

BRITTANY BRONSON

What Happens When Women Legislate

Nevada shows why the gender makeup of state-level politics matters.

TIMES INSIDER »

My Own Private Easter Egg-Gate

THE CROSSWORD »

Play Today's Puzzle
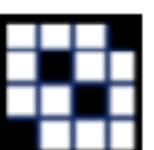
1h   **The Indian tycoon Vijay Mallya** was arrested in London on Tuesday. He fled his home country more than a year ago under an avalanche of unpaid bills and fraud allegations.

'Big announcement' on tax reform unlikely to reveal details, official says

President Trump's statement indicated he is trying to accelerate one of his most ambitious campaign promises — though specifics remain undetermined — and it caught many aides off guard. A White House official said although an announcement is coming, it will be broad.

By Damian Paletta

@PKCapitol   Analysis

History tells us the GOP is taking on too much this week — and it isn't likely to end well

Lawmakers face a Friday deadline to keep federal agencies funded through the year. Yet President Trump is also pushing for revisions on health care and the tax code.

By Paul Kane   ·   2 hours ago

At least 160 dead after Taliban attack on Afghan army base, official says

A group of 10 fighters raided the base in the bloodiest single incident involving the militants since the war began in 2001. Authorities said the massacre targeted people at mosque for prayer, but the Taliban denied killing soldiers inside the mosque.

By Sayed Salahuddin

March for Science

🔊 **Listen**

(Video: Earth Day Network; photo: Astrid Riecken for The Post)

March for Science brings out demonstrators on six continents: 'There is no Planet B'

Thousands gathered on the grounds of the Washington Monument: "The very idea of evidence and logic and reason is being threatened by individuals and interests with the power to do real harm," one of the rally emcees said. The crowd in the District will march down Constitution Avenue to the foot of Capitol Hill.

By Joel Achenbach, Ben Guarino and Sarah Kaplan   ·   43 minutes ago

- **Photos: The scene in Washington**

Here are some of the best signs people are carrying around the world

Funny, serious or geeky, the March for Science — which coincides with Earth Day — prompted people to head into the streets to share their opinions.
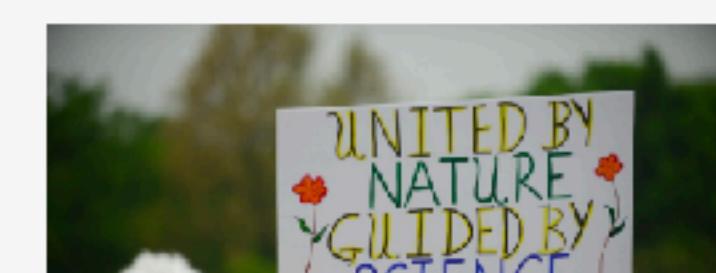
Video

The Festival of Books is here!

Updates »

10:30 A.M. Name that voice: George Saunders' 'Lincoln in the Bardo' audiobook
9:45 A.M. Cesar Millan presents 'Lessons from the Pack' on the Hoy Stage at 12:30 p.m.
10:00 A.M. Coming up this hour: Masha Gessen, Sherry Lansing, Tippi Hedren and more
9:30 A.M. Kids' book author Jon Klassen reads from the Children's Stage at 12:30 p.m.
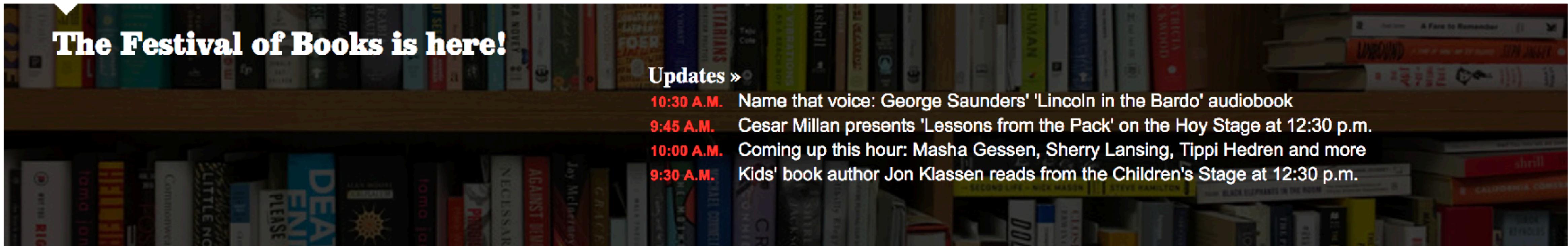
L.A. NOW

Giving driver's licenses to those here illegally transformed many lives. Then came Trump

By **Benjamin Oreskes and Ruben Vives**

The president's crackdown on illegal immigration has spawned worries that the licenses will be used to identify and deport people.

SCIENCE 10:40 AM

L.A. March for Science updates: Thousands are expected in downtown. And they're not alone
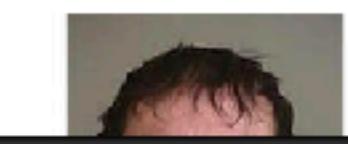
L.A. NOW 9:35 AM

Teen allegedly kidnapped by teacher suffered 'severe

Weekend Report

LATEST HEADLINES ›

WORLD 9:00 AM

Militants in army uniforms kill more than 100 Afghan soldiers at northern base, officials say

CLIPPERS 8:55 AM
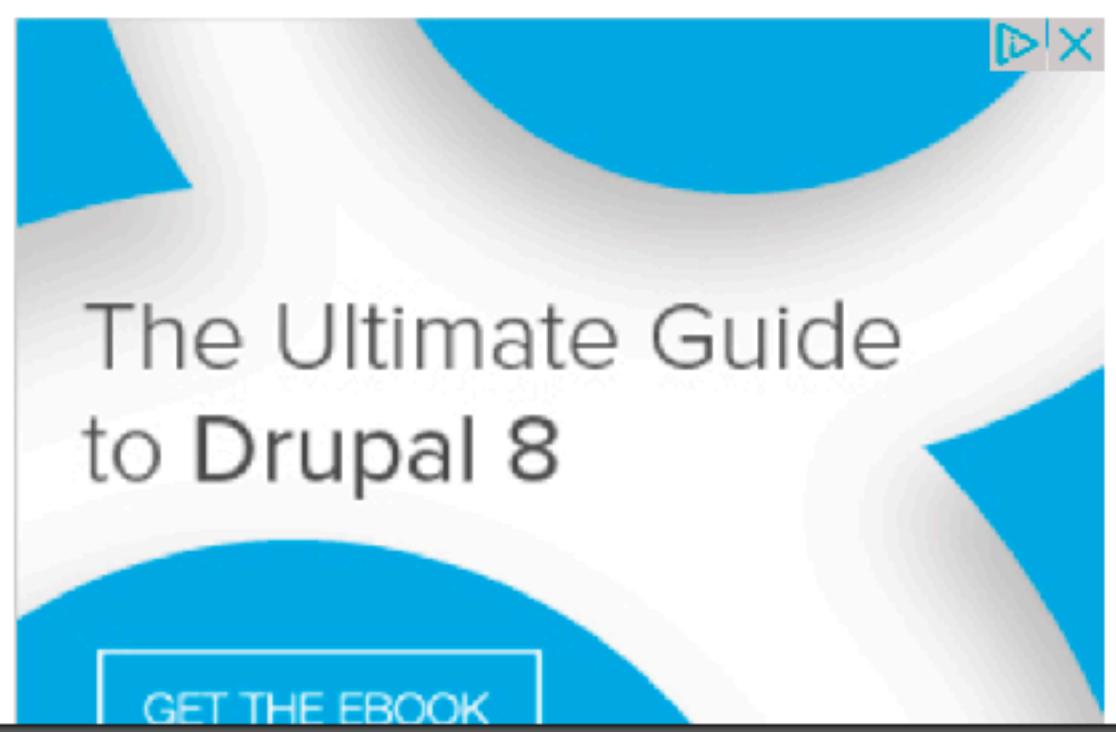
TRAFFIC Southbound I-5 lanes have reopened near NE 130th Street in North Seattle. Northbound lanes remain closed.

Police say robbery suspect was killed by Seattle officers' gunfire ▶ WATCH

Southbound lanes on Interstate 5 reopen in North Seattle, after power lines fall across highway Updated 10:44 am

With deadlock in Olympia, Inslee calls special session

Boeing issues new layoff notices to 429 workers in Washington state

Felony DUI bill and gun-safety measure pass Legislature

More traffic snarls this weekend, and westbound I-90 is the hot spot

American flight attendant to angry passenger: 'Hit me' Updated 10:19 am

The rebuilding of 23rd Avenue in Seattle's Central District is among the projects that benefited from the Move Seattle transportation levy. (Ken Lambert / The Seattle Times)

Traffic Lab

Seattle transportation levy spending less than projected, but city says no problem

After voters passed the Move Seattle transportation levy in 2015, Seattle spent less than half the money planned for levy projects last year. But the city says it's still on track to complete projects on time.
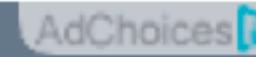
Welcome to BBC.com

Saturday, 22 April

Afghan army base casualties pass 100

Taliban fighters went through checkpoints dressed in army uniforms before attacking on Friday.

| ASIA

FA Cup: Chelsea 2-2 Spurs - TV, radio & text

| FOOTBALL

Why reality is too strange for satire

| DID YOU MISS?

What to eat for a workout

| GOOD FOOD

A secret tunnel to New York's best view

| TRAVEL
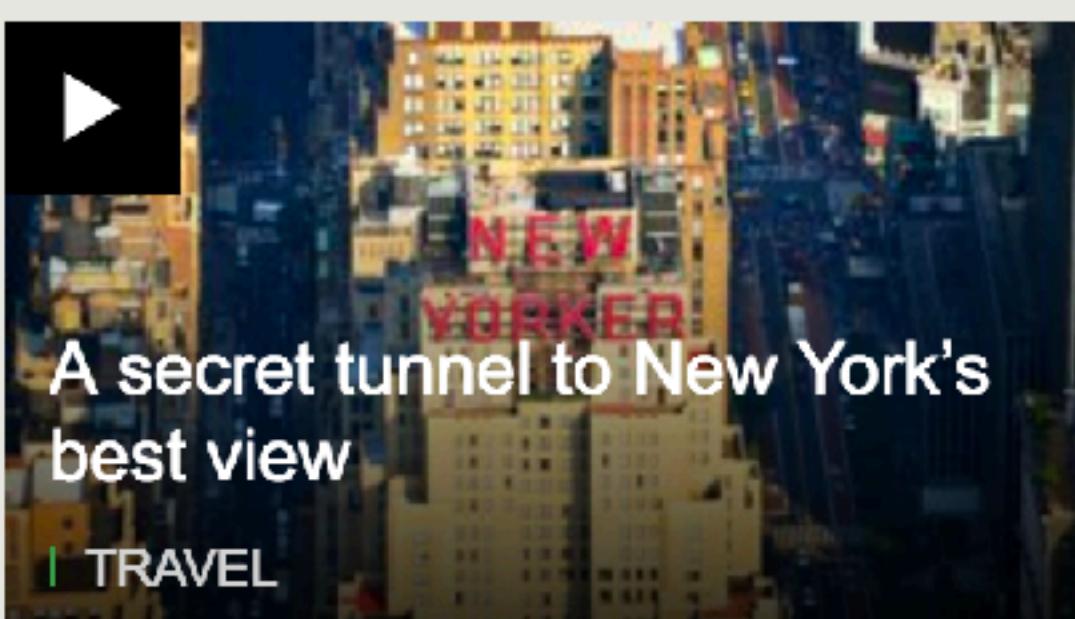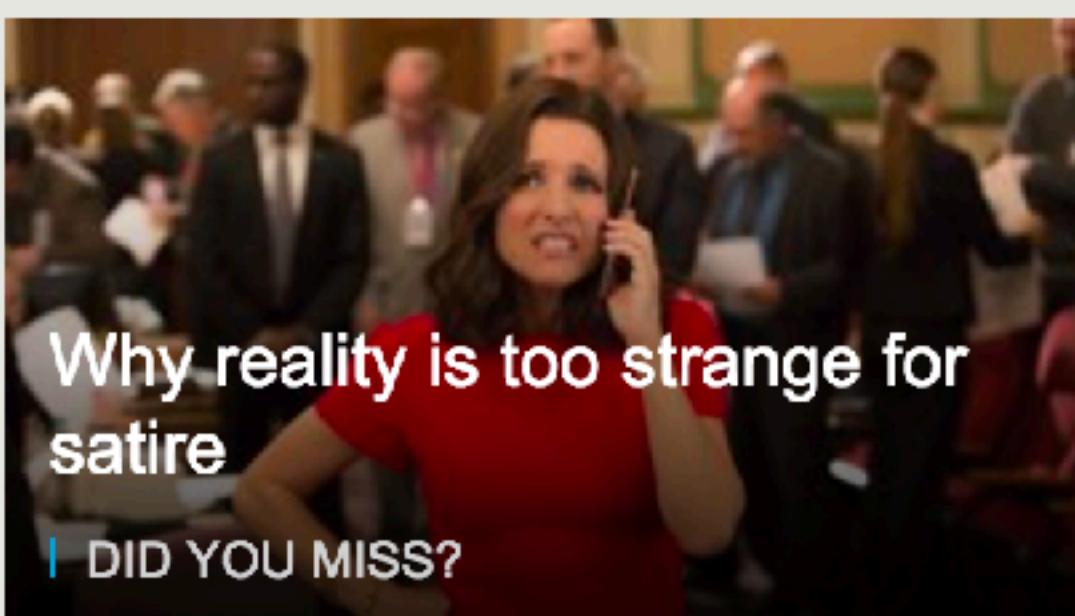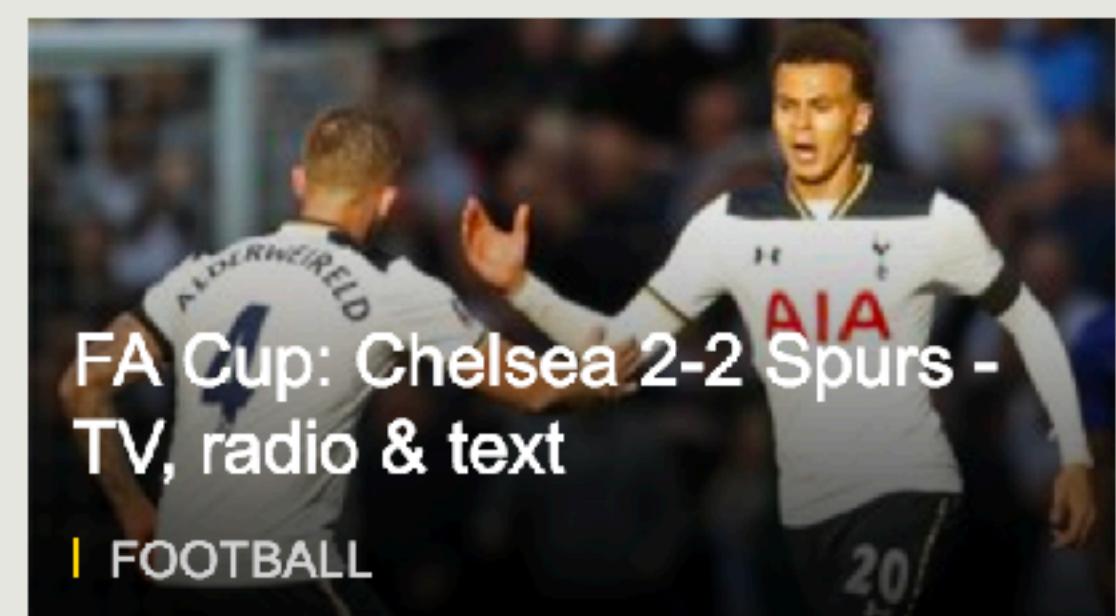
| News

Tension as German right-wingers meet

Thousands of leftwing demonstrators

Airline apologises after clash over pram

An American Airlines employee is
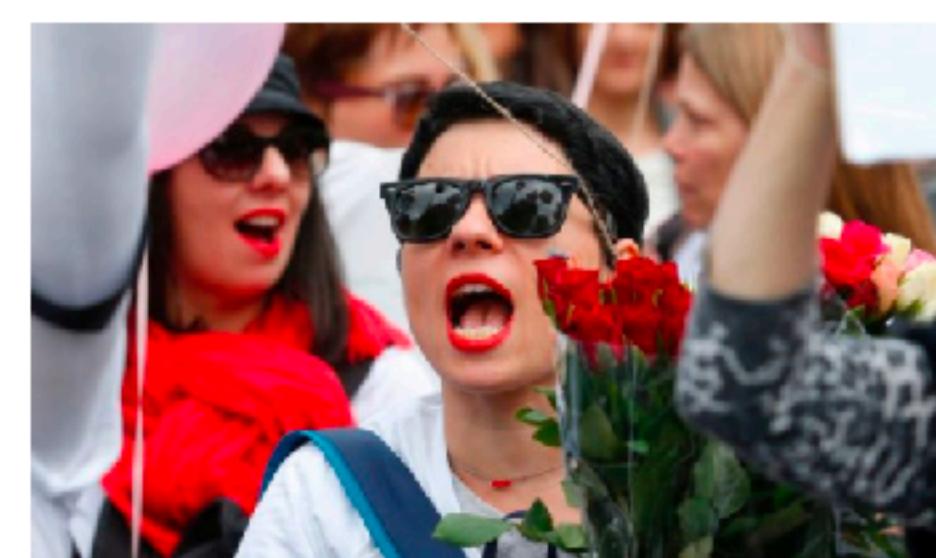
'Angry Police Wives' protest in Paris

More than 100 wives and partners

headlines

Saturday
22 April 2017

Now
47°F

17:00	20:00	23:00	02:00
54°F	52°F	47°F	45°F

East Providence 🔍

March for Science puts Earth Day focus on global opposition to Trump

More than 600 marches held around the world, with organizers saying science 'under attack' from a White House that dismisses the threat of climate change

💬 44

Photos / Ten of the best March for Science signs

Bill Nye on Trump / 'We are in a dangerous place'

Opinion / Science is threatened. Protest is the right response

Congress / Daunting tasks include avoiding shutdown and an angry Trump

Afghanistan / US forces say Taliban 'target of interest' since 2011 killed

American Airlines / Company apologises to woman hit with buggy by crew member

Bonobos / As more buy clothes online, Walmart eyes a piece of the action

Rodney King riots 25 years later / **A view from the corner where it all began**

Declaration of Independence / Rare parchment copy found in England

💬 115

The first 100 days of Trump

Read more →

Nights spent at White House

73

France's identity crisis / **'People don't know what to think any more'**

France votes on Sunday in a presidential election shaped by economic insecurity, cultural paranoia and terrorism. **Natalie Nougayrède** travels to the south-west to try to make sense of the most important vote of her life

Blame Canada / Trudeau forced on defensive as Trump targets trade

Theresa May / Election 'power grab' slammed by FU's

All system, no soul

Let's get graphic design back in the room

ps. Ipm̄. everae. Benedictus deus
israel. ca. Ipm̄. everae. Iubilemus
deo salutari nostro. Ant. Ut non deliquas. everae.

Dixi custodiam vias meas:
ut non delinqua in lin-
gua mea. Posui ori
meo custodiam: cum consi-
steret peccator adversum me.

Obmutui et humiliatus sum et silui
a bonis: et dolor meus renovatus est.

Concaluit cor meum intra me: et in me-
ditatione mea exardescet ignis.

Locutus sum in lingua mea: notum
fac michi domine finem meum.

Et numerum dierum meorum quis est:

ut sciam quid desit michi.
Ecce mensurabiles posuisti dies me-
os: et substantia mea tanquam
nichilum ante te.

Verumtamen universa vanitas:
omnis homo vivens.

Verumtamen in ymagine pertransit
homo: sed et frustra conturbatur.

Thesaurizat: et ignorat cui
congregabit ea.

Et nunc que est expectatio mea.
nonne dominus: et substantia mea
apud te est.

Ab omnibus iniquitatibus meis erue
me: obprobrium insipienti dedisti me.

Obmutui et non aperui os meum: quoniam
tu fecisti amove a me plagas
tuas.

A fortitudine manus tue ego de-
feci in increpationibus: propter ini-
quitatem corripuisti hominem.

performance + ▲■● + *typography*

User Experience

Typography is design

Typography is communication

Typography is an *intentional* act

FINANCE &MARCHES

+ 1,61 %
EN HAUSSE
VIRBAC
Les investisseurs ont salué le rachat par la société de 51 % du chilien Centrovet, spécialiste des soins aux poissons d'élevage.

– 4,35 %
EN BAISSE
BARCLAYS
La banque britannique a chuté après que Qatar Holding a monétisé des bons de souscription sur les titres Barclays (des warrants) qu'il détenait.

LES BOURSES EUROPÉENNES REPRENNENT LEUR SOUFFLE
Les principaux marchés européens ont fini en repli. L'Euro Stoxx 50 a perdu 0,57 %, hier. Les investisseurs étaient prudents dans l'attente de la conclusion d'une réunion des ministres des Finances de la zone euro consacrée à la Grèce. Les marchés reprenaient leur souffle après la forte hausse de la semaine dernière : l'Euro Stoxx 50 avait gagné plus de 5 %.

Euro Stoxx 50, en points

indices

L'or superstar de la crise : douze ans de croissance ininterrompue des cours

● Le prix de l'or a été multiplié par 6,5 en douze ans alors que la demande mondiale a doublé.
● Presque tous les feux sont au vert pour une treizième année de hausse de l'once d'or en 2013.

Réserves d'or : les pays émergents doivent rattraper leur retard

Les réserves des Banques centrales... ■ ... en milliers de tonnes ■ ... en % des réserves des Banques centrales, pour chaque pays

Les nouvelles découvertes d'or
En millions d'onces
Les dépenses d'exploration sont en hausse, les découvertes en baisse.

Le prix de l'or
En dollars par once
Depuis janvier 2000 : +808 % en termes nominaux +468 % corrigé de l'inflation

---

Exil fiscal : Depardieu répond à Ayrault en rendant son passeport

Singapour et l'Union européenne concluent un accord de libre-échange

Les Echos
RTL

Les Echos

crible

Tournez girouettes

The INDEPENDENT

www.independent.co.uk

WEDNESDAY 26 OCTOBER 2011

Breast screening: the end of an era
News, page 2

Inside the battle for Stamford Bridge
Sport, pages 78-80

Is this TV's funniest couple?
Arts, page 49

Osborne's anti-green agenda splits Coalition

By MICHAEL McCARTHY and OLIVER WRIGHT

What happened to the 'greenest government ever'?
Analysis, pages 9

Special phone for hacking in 'NOTW' newsroom

EXCLUSIVE

By CAHAL MILMO and JAMES CUSICK

Last throw of the dice: leaders on edge for day of euro-reckoning

---

Monday SPORT

31/10/2011

Bale's brilliance lights up the Lane

VETTEL WINS AGAIN, MASSA AND HAMILTON CRASH AGAIN

German takes first Indian Grand Prix as old rivals collide on and off the track once more
F1, P12-13

Defeat in Indian one-dayers cannot mask reality of a breakthrough year for national side

DOMINANT ENGLAND CAN LOOK FORWARD TO A GOLDEN ERA
CRICKET, P16-17

Cardinals win World Series – and restore America's faith in the national pastime

Spurs turn on the style in beating QPR 3-1 at White Hart Lane where Gareth Bale scores twice

FOOTBALL, P2-3

ONVEILIG INTERNET?
KETNET.BE PAST OP UW KINDEREN
▶ CULT 4-6

CIRCUS MAXIMUS
Malter failliet, en toch booming business in de piste
▶ 8

Cannabis voor MS-patiënten
Nathalie De Meyer:
'Nu sta ik er elke dag voor mijn zoon'
▶ 6

EU delibereert Belgische begroting na smeekbede | Regering engageert zich voor structurele hervormingen | Toegeven aan sociaal protest lijkt nu onmogelijk

En nu ook betogen tegen Europa?

© FRANKY VERDICKT

Nieuwe vakbondsacties na Nieuwjaar

De kans is groot dat er na de nationale stakingsdag op 15 december nieuwe vakbondsacties volgen. Dat zeggen bronnen bij zowel het ACV als het ABVV. De bonden staan open voor overleg, maar ze maken zich weinig illusies dat de werkgevers en de regering bereid zijn een opening te maken. De tijd is beperkt, want de eerste actiegolf loopt binnen een tweetal weken af.

'Als de zaken blijven zoals ze nu zijn, hebben we geen andere keuze dan onze acties verder te zetten", zegt Ferre Wyckmans van ACV. Wat de acties zullen inhouden is nog niet bekend, maar een tweede stakingsgolf is twijfelachtig. "We gaan ook niet woekeren met onze krachten", zegt een ABVV-topper. De liberale vakbond wil nog geen uitspraken doen over wat er na de natio-

pliance', vrij vertaald: met de hakken over de sloot, zonder procedurele gevolgen. "Er zal wel een strikte opvolging gebeuren van de engagementen", klinkt het.

Strenge bondgenoot

Dat strenge Europese toezicht heeft ook binnenlandse gevolgen. Het geeft de federale regering immers amper marge om het sociale protest tege-

Met de kwalificatie 'At risk of non compliance' verkeert ons land in het gezelschap van nog zes andere lidstaten: Frankrijk, Italië, Spanje, Malta, Portugal en Oostenrijk. Al bij het indienen van de begrotingen midden oktober was al duidelijk dat Frankrijk, Italië en België onder de loep zouden worden genomen. Parijs ziet zijn financieringstekort dit jaar zowat 4,5 procent uitkomen, ruim boven het plafond van 3 procent. Rome kijkt

LIEVEN DESMET EN BART EECKHOUT

België krijgt vandaag van Europa groen licht voor zijn begroting, zo bevestigen bronnen binnen de Belgische regering én de Europese Commissie. Daarvoor heeft het vorige vrijdag nog wel een 'smeekbede' moeten schrijven aan de Commissie met nadruk op de hervormingen

Lesen im Winter

Das Vermächtnis des Kultautors Wolfgang Herrndorf,
das fantastische Leben des Richard Burton
und die besten Bücher zu Weihnachten

Literaturmagazin

Niemand kann verlangen, dass Gou... ... ein Heiliger ist. Erst Biologe ...

56 Seiten
Buchmagazin

ZEIT LITERATUR
Unser
Klassiker

»Krebs – das hat
mir noch gefehlt«

Helmut Dietl über
seinen Kampf um
Leben und Tod
Dossier, Seite 15

**Anna Netrebko,
Placido Domingo:**
»Oper macht
glücklich«
Feuilleton, Seite 49

GROSSE KOALITION

Ahoi Freunde!

SPD und CDU sind sich einig. Unfassbar, wofür so ein
Koalitionsvertrag alles gut sein soll VON BERND ULRICH
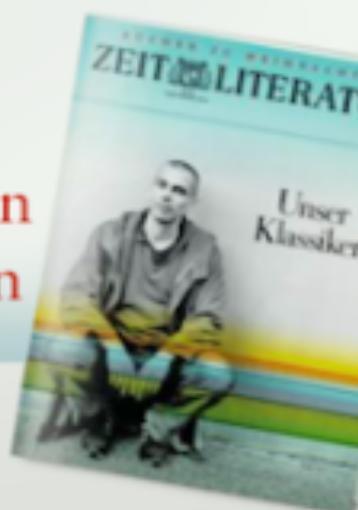
DER WESTEN UND TEHERAN

Aus Schwäche stark

Auch wenn Netanjahu die Einigung mit dem Iran kritisiert:
Israel hat den Durchbruch erst möglich gemacht VON JÖRG LAU

This is where graphic design gets involved

A more modern redux

Author

Editor

Designer

A more modern redux

Designer

Author

Editor

A more modern redux

Author

Editor

Designer

The Winter Olympics Gear Guide

The New York Times has been doing a great job covering the 2014 Winter Olympics, but also a spectacular job of giving the games a bit more context. Their [Interactive Stories](#) help explain the details of the events, especially for ones that can feel a bit more cryptic. I also really enjoyed their

MONKEY NUTS, BARMBRACK AND APPLES

by **JEREMY KEITH**

I grew up in Ireland, the home of Halloween.

I know that it seems like a quintessentially American holiday, but Halloween has its roots in the Celtic feast of Samhain. The Americans embraced and extended Halloween, adding the tradition of trick-or-treating, which in turn made its way back to Ireland.

I spent many of my childhood Halloweens trick-or-

And what of this **barmbrack** of which I speak? That was a cakey bread that my aunt would bake. It was filled with raisins and much more besides. An inventory of the ingredients would reveal such incongruous items as a pea, a coin, a stick, a rag, and a ring. If you found one of those items in your slice of barmbrack, it prophesied your future. The rag meant that you would be poor, but the coin promised a life of riches. If you got the ring, you would be getting married soon, but if you got the pea, then your marriage prospects were bleak. Oh, and the stick: that meant you were going to beat your wife.

Apples were omnipresent at Halloween, which is unsurprising given that it was apple season. Of course we indulged in the game of bobbing for apples, but there was another game we played in Kerry called **Snap Apple**. In this game, an apple was suspended from a string. Holding your hands behind your back,

Chunky in Fury

by MIKE MONTEIRO

It's January of 1979 and we're sitting inside the Plymouth Fury outside an AM/PM Mini Market

CHOCOLATE IS FOR GIRLS

by JESSICA HISCHE

An altar in Jameelah El-Shabazz's apartment in the Bronx. El-Shabazz had to repeatedly fight to keep her apartment after police mistook crushed seashells for cocaine. (Edwin Torres for

Shabazz, her teenaged sister Najah El-Shabazz, and Shakoor, then 21, and took them outside past the handcuffed residents of four other apartments that were raided that morning.

Najah was released, court filings say, but Jameelah El-Shabazz and Shakoor sat in cells on Rikers Island for the next week awaiting the results of police lab tests. Finally, the results confirmed what she had told the officers all along: the wooden tray and the 45 paper cups of powder were drug-free. Jameelah El-Shabazz and Shakoor were released from Rikers and fully exonerated.

But El-Shabazz's battle with New York's legal system was only beginning. That September, another of her sons called to say the police were back, this time with a lawyer and a court order to seal the Bronx apartment. Her entire family had to leave — immediately.

El-Shabazz was facing a nuisance abatement action, a little-known type of lawsuit that gives the city the power to shut down places it claims are being used for illegal purposes. The case against her was based on the same drug allegations that had been dismissed in May. Incredibly, the filing, signed by a New York Police Department attorney, stated: "recovered during the execution of the search

How might we do better?

The CMS can play a part in design, too
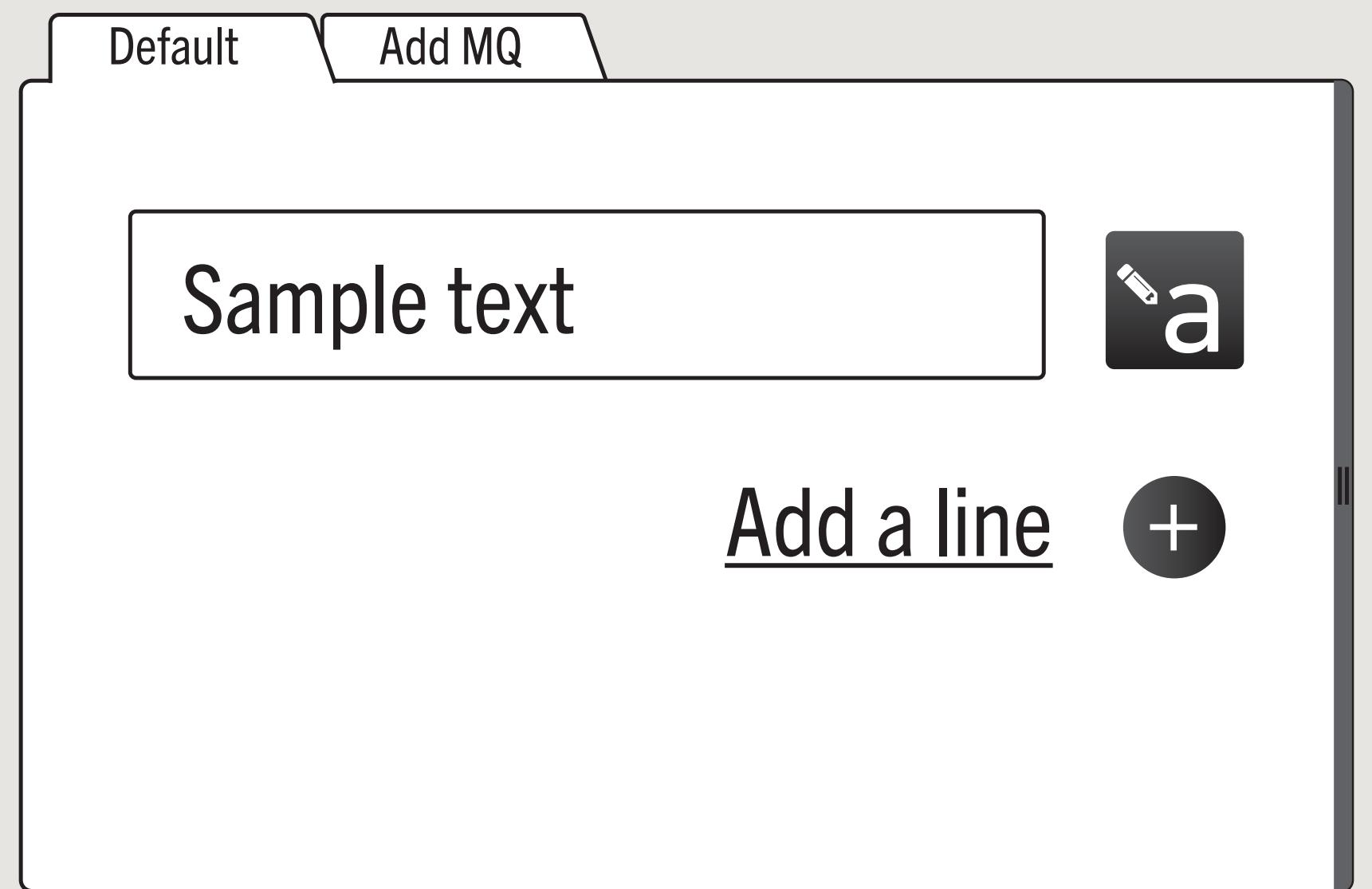
Default | Add MQ

Sample text

Add a line ⊕
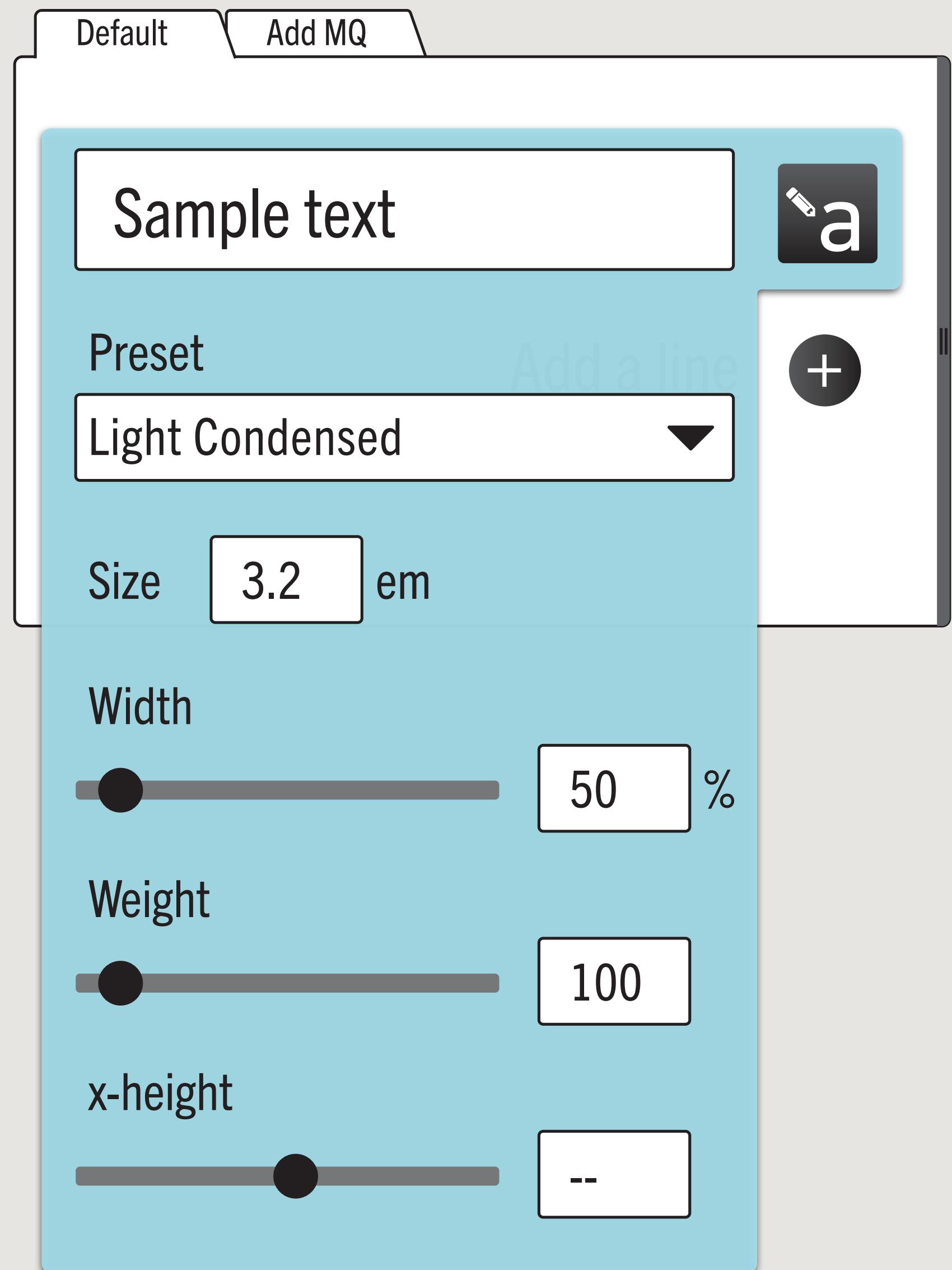
Sample text

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The current state of design on the web is stalled. We made a huge leap forward with the widespread availability of web fonts starting in 2009, and then were confronted with the advent of responsive design just a year or two later. While many interesting things have come from that evolution, we've also struggled with coming to grips with the complexity of designing for infinite screen sizes whilst being equally concerned with performance. Contending with ever-shortening attention spans (
Google research gives you about 3 seconds before you lose half your audience) we've had to constrain our typographic systems to just a few fonts to keep the impact on load time to a minimum.

These constraints have forced us as designers to make compromises when considering type size, line length, and overall visual hierarchy and differentiation. Considering things like a narrower font on smaller screens to achieve a slightly longer line length without sacrificing size. Or utilizing ultra-thin or ultra-heavy weights for added emphasis and variety of expression—all luxuries we can't embrace due to the burden it would place on site visitors—particularly those on shaky wireless connections.

One

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Text

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Font Family

Gimlet

Font Size

Font Slant

Font Weight

Font Width
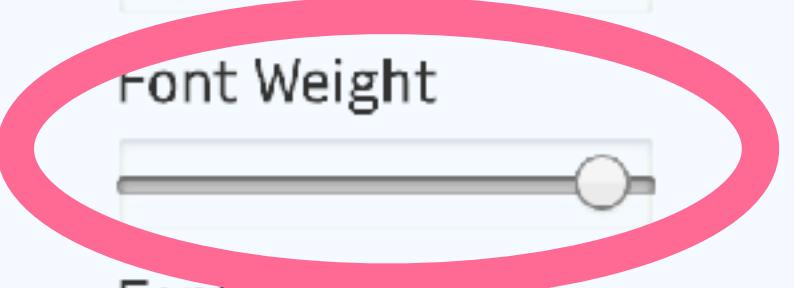
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Let's see that in action...

Wherein we do a live demo

Jason Pamental | @jpamental
isovera.com

slides: bit.ly/jprwtvfdc
code: bit.ly/jpvfdemos

typefaces:
    Essonnes (JTD)
    Trade Gothic Next (fonts.com)
    Gimlet & Output Sans (DJR)
    Louvette (CJ Dunn)
    Amstelvar (Type Network)

Axis-Praxis.org by @lorp

photography:
    unless otherwise noted,
    photos by @jpamental

Thank you