

Die Zukunft des Webs beginnt jetzt

Eric Eggert, @yatil, yatil.de



WEB STANDARDS
WEBKRAUTS

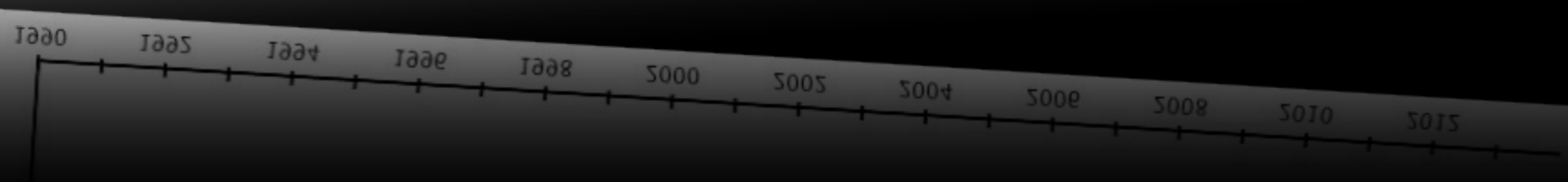
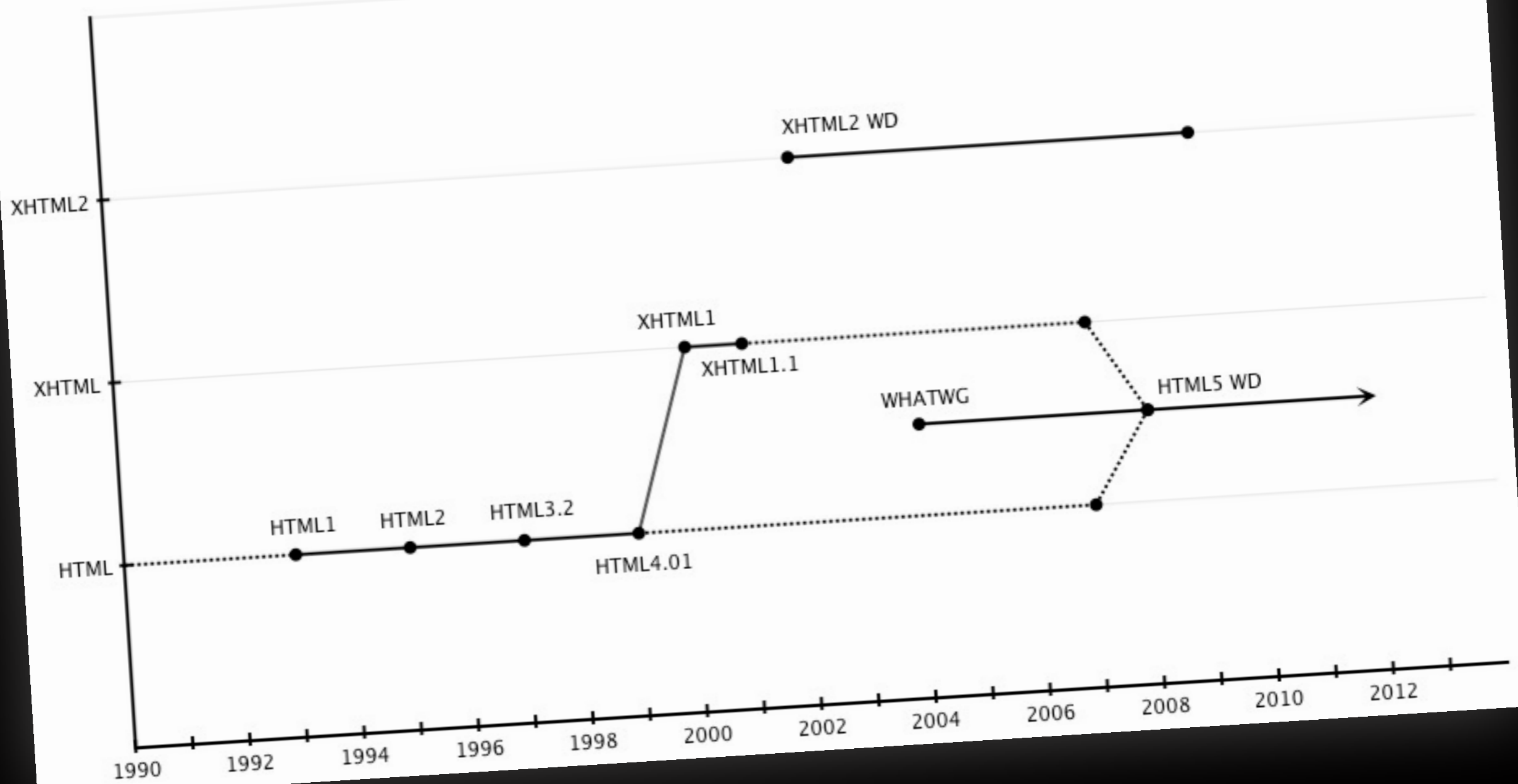
HTML5

HyperText Markup Language?

W3C → WHAT WG

“The WHATWG was founded by individuals of Apple, the Mozilla Foundation, and Opera Software in 2004, after a W3C workshop. Apple, Mozilla and Opera were becoming increasingly concerned about the W3C’s direction with XHTML, lack of interest in HTML and apparent disregard for the needs of real-world authors. So, in response, these organisations set out with a mission to address these concerns and the Web Hypertext Application Technology Working Group was born.”

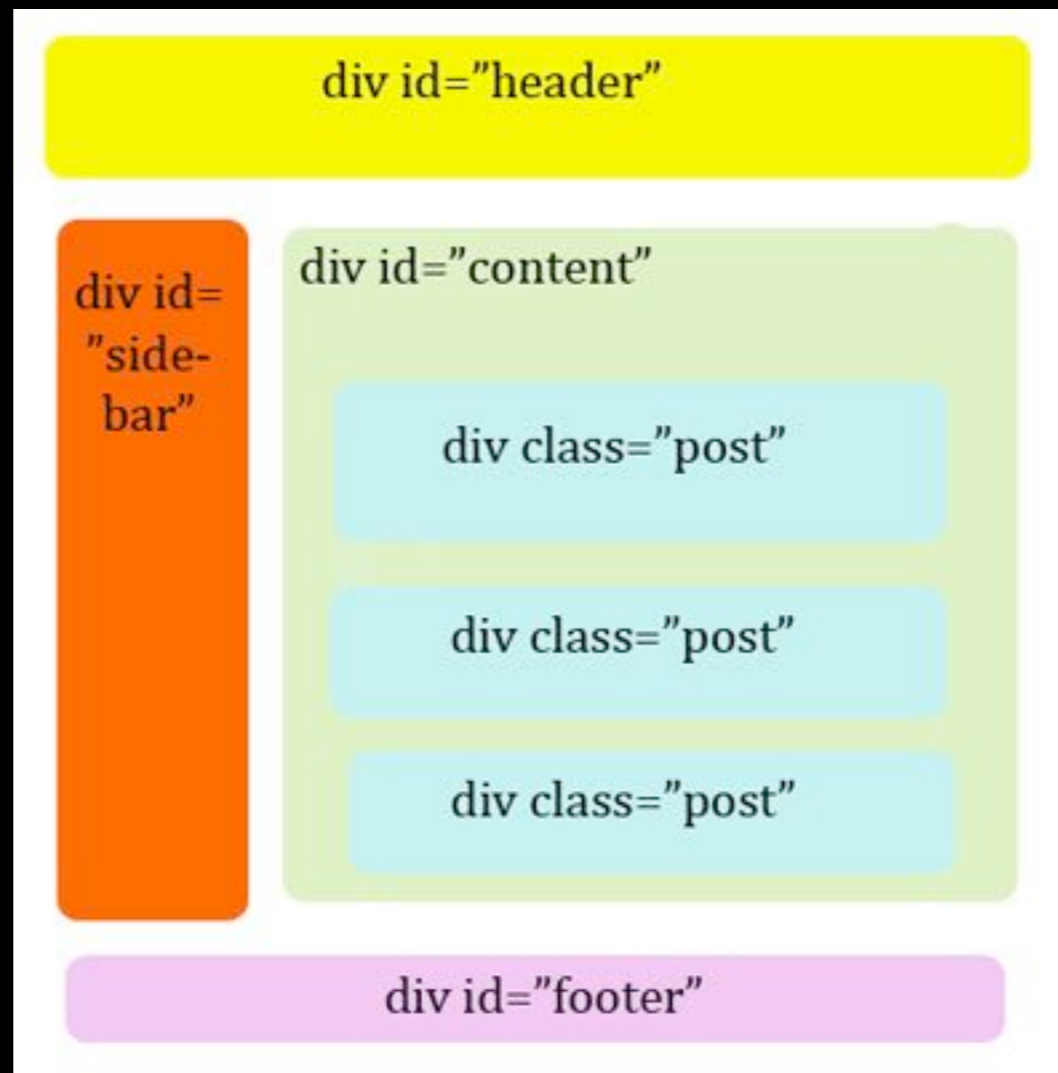
Retro:
XHTML2 FAIL!

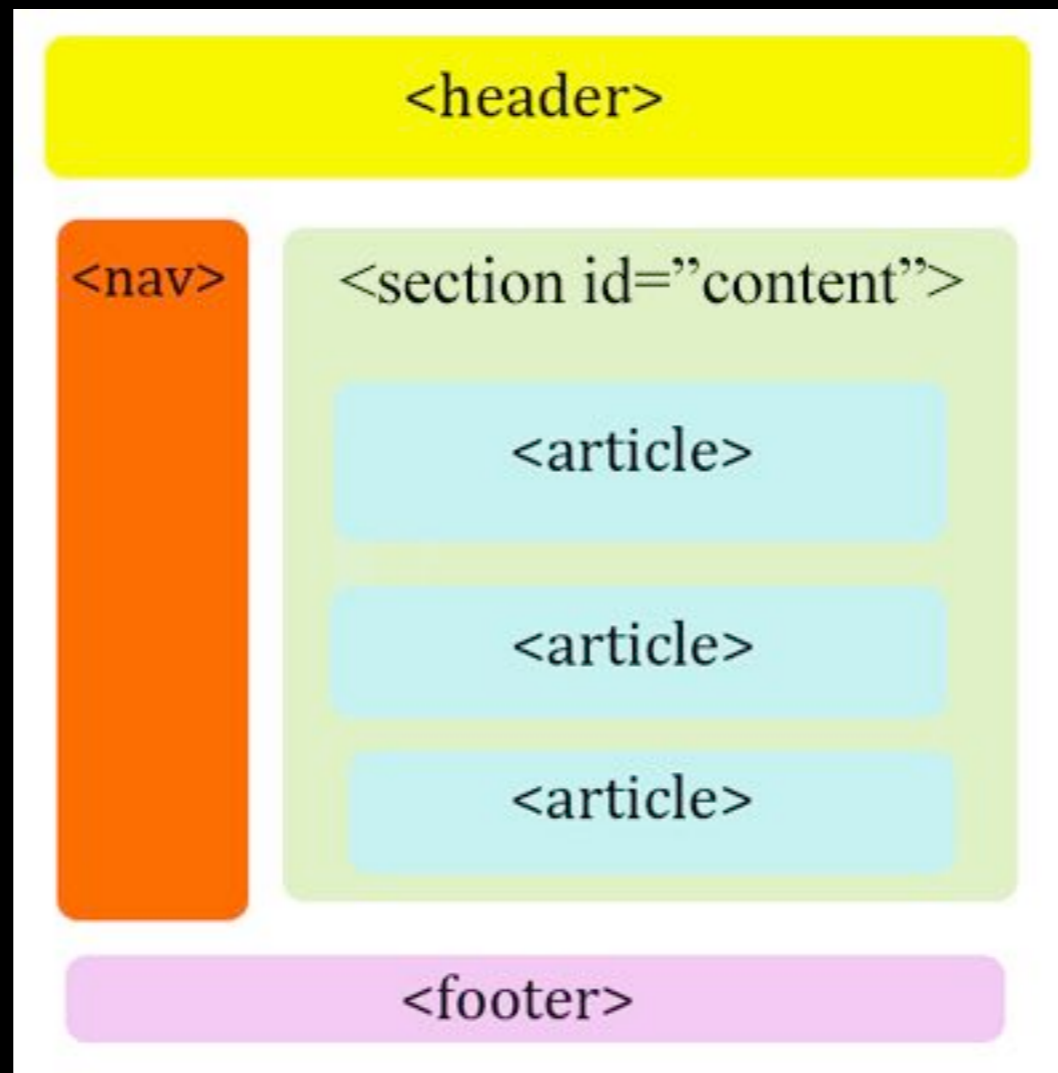


<!DOCTYPE html>

604

Semantik





<article>

<header>

heading

<time> (just date)

pearls of article wisdom

<footer> (metadata)

<article>

<time> (full date+ time)

comment text

<article> another comment

(<nav> between articles)

<article>

<section>

<header>

<footer>

<nav>

<figure>



<audio>/<video>

<canvas>

<mark>

<time>

<meter>

<input type="*">

tel | search | url

email | datetime

date | month | week

time | datetime-local

number | range | color

Demo

[http://shwetankdixit.com/testpages/
webforms2demo.htm](http://shwetankdixit.com/testpages/webforms2demo.htm)

Web forms 2 Demo page by Shwetank Dixit

Web forms 2 Demo p...

file://localhost/Dropbr Google

Web Forms 2 Demo

The fields in grey are required

Note: So far, most of the stuff here works properly only in Opera 9.5. If you haven't already, you can download it [here](#). However, Maxlength, readonly and disabled are part of the HTML specification and as such are supported in every major browser.

Last Name: Maximum 15 characters

Middle Name: <- disabled

First Name: <- autofocus here

Species: <- read only

Age:

Email:

Webpage:

Date of Birth:

Attractiveness 0

Features

Features

[Click here](#) to go back to my site. [Click here](#) to go back to my article on Web Forms 2.

100%

<http://shwetankdixit.com/testpages/webforms2demo.htm>

Browser APIs

HTML5 & !HTML5

JavaScript



Geolocation



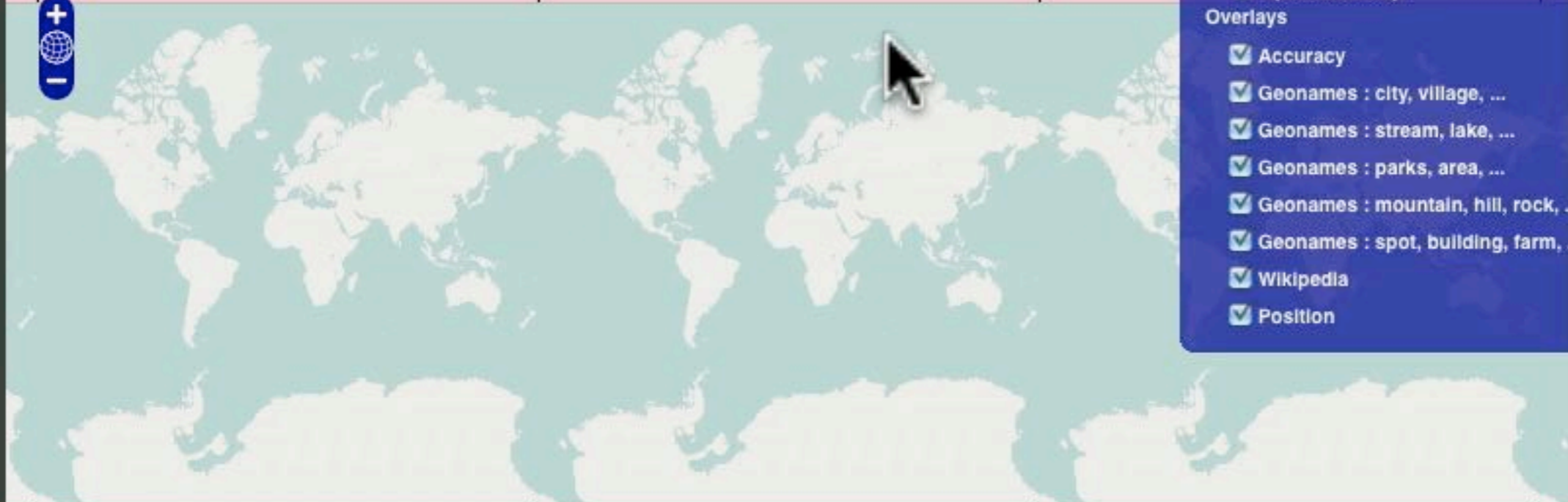


Geolocation

<http://3liz.com/geolocation/>

GEOLOCATION API DEMO WITH OPENLAYERS, OPENSTREETMAP AND GEONAMES

Don't forget to click "Share location"



Base Layer

- OpenStreetMap

Overlays

- Accuracy
- Geonames : city, village, ...
- Geonames : stream, lake, ...
- Geonames : parks, area, ...
- Geonames : mountain, hill, rock, .
- Geonames : spot, building, farm, .
- Wikipedia
- Position

Data sources : [OpenStreetMap](#) and [GeoNames](#)
Copyright : [3Liz](#)

Share your location to test Geolocation API





localStorage

A close-up photograph of a brown dog's face as it eats from a bowl. The dog's eyes are visible at the top, and its snout is in the center. The bowl contains a mixture of brown and white food. The dog's paws are visible at the bottom.

localStorage

<http://people.w3.org/mike/localstorage.html>

HTML5 localStorage (name/value item pairs) demo

Value:

Name:

getItem()

setItem()

removeItem()

Items

Name	Value
<i>empty</i>	<i>empty</i>

* *clear() removes all items*



HERE

HERE

HERE

HERE

Orientation





Orientation

<http://people.mozilla.com/~prouget/demos/orientation/test1.html>

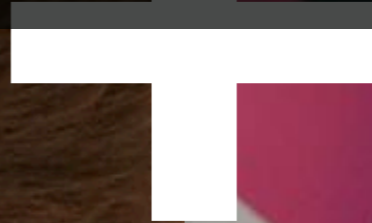
<http://www.tapper-ware.net/stable/PerspectiveWith6LinesOfXML-CanvasEnhanced/index.xhtml>

CSS





Borders & Boxes





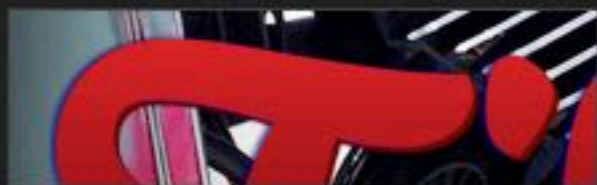
Borders & Boxes

Laaaaaaaaaaaaangweilig!

@font-face

Nice Web Type

You're reading Nice Web Type likes, a series of CSS @font-face examples and typesetting advice. Follow.



Try Bello and Proxima Nova



Try Museo and Sans



Try Graublau Sans with Lucida

A large, red, stylized word 'Filthy' in a script font, overlaid on a detailed image of a motorcycle engine. The engine is highly reflective, showing chrome and blue accents.

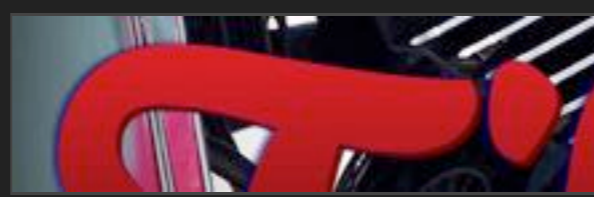
CHOP SHOP



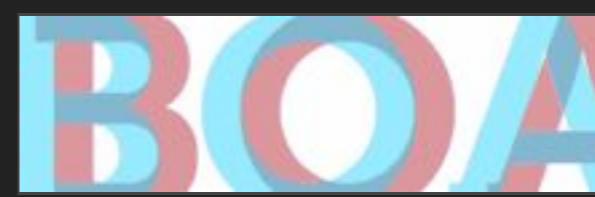
Here's a screenshot of how this page looks in Apple's Safari browser. [More about browser](#)

ROAD WARRIORS

You're reading *Nice Web Type likes Bello Pro and Proxima Nova*. Both typefaces are available for use on websites from a subscription-based type delivery service called [Typekit](#).



Try Bello and Proxima Nova



Try Museo and Sans



Try Graublau Sans with Lucida

[Nice Web Type likes Museo and Sans](#) • Check the [footer](#) for colophon and additional notes. Here's [how this page should look](#).

ALL ABOARD

THE EXLJBRIS EXPRESS: MUSEO AND SANS

FREIGHTAGE

Museo and Museo Sans are available in several freights. Er, weights. Use these to your advantage by setting display text in light weights for even **typographic color**, or heavier weights for pop.

ROLLING STOCK

Web layouts, like railroads, must oblige a hodgepodge of constituent aesthetics. Our job is **crud mitigation**. Helvetica can understudy both Museo and Sans, but it isn't a perfect choice.

COUPLING

Linking serif with sans can be difficult, but typefaces designed as siblings make things much easier! Use *the free Museo Sans italic*, for instance, in your 500-weight Museo. **And more.**

RAIL GAUGE

You might as well buy that as-seen-on-TV locomotive alarm clock at this point, because there's no hope of graceful recovery from this metaphor. Relax with your hobo soup and read on...

Rail gauge is like leading, especially for Museo with its transitive pipelike serifs. The ideal distance between two lines of Museo depends on factors like its typeset size and measure, of course, but you'll find long lines of Museo set surprisingly well with tight line-height, probably because individual words and letters connect well horizontally and keep the reader's eye on track.



[WRITING](#)[WORK](#)[WORDS](#)[ABOUT](#)[CONTACT](#)

What You See Is What You Mean

NOV 11, 2009

On Donald Knuth and when WYSIWYG transforms to [WYSIWYM](#):

As opposed to industry-standard page layout programs that implement a “What You See Is What You Get” (WYSIWYG) paradigm, [TeX](#) produces “What You See Is What You Mean” (WYSIWYM) by using plain text files and a semantic mark-up language compiled on-the-fly to produce final pages.

Then:

This is where the moral objection comes in. Once the typographic decisions have been passed over to software, then the information no longer is tied to any one specific form. The possibilities multiply.

Also:

Plato reminds us that the very tool used to create books — writing — may have placed us in this double bind for good, between remembering and forgetting, information on or off, from zero to one and back.

(I still think he just needed a [thank you note](#).)

Composition in performance, the future

NOV 11, 2009

[Robin Sloan asks](#), what if the magazine article of the future, the album of

The easiest way to use Real Fonts on your website

This will change the way you design websites.

Add a line of code to your pages and choose from hundreds of fonts. Simple, bulletproof, standards compliant, accessible, and totally legal.

Feature Tour

Try it for Free

Bello Pro by Underware

The sample above uses real fonts in [newer browsers](#).

A snap to set up



We've worked hard to make Typekit easy to use. Add and use fonts the way you want to.

[Try it for free](#)

Fast and reliable



Your fonts will be served from a robust network built with hundreds of servers worldwide.

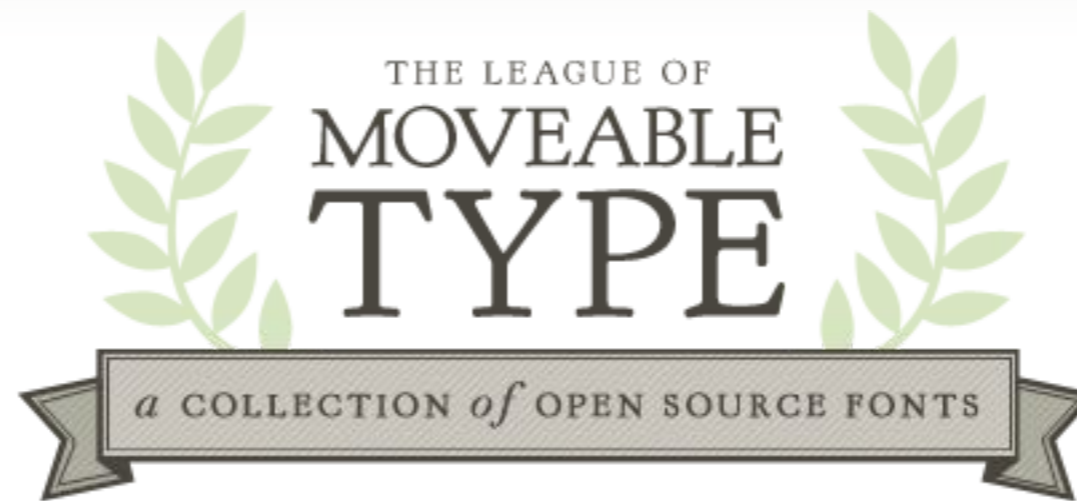
[How it works](#)

All your favorites



We're working with foundries to bring the best possible fonts for your website.

[Browse fonts](#)



No more bullshit. Join the revolution.

We're done with the tired old fontstacks of yesteryear. Enough with the limitations of the web, we won't have it. It's time to raise our standards. Here, you'll find only the most well-made, free & open-source, @font-face ready fonts.

Like any revolution, we aim to make progress, and we need help. If you want to be a part of this free, open-source type movement, you should join us and contribute. If you have any questions about The League or the movement, get in touch.

READ OUR MANIFESTO

NEW FONTS

OpenType

CSS OpenType Font Feature demo

http://people.mozilla.com/~jckew/opentype-feature-playground.html

Look [here](#) for an experimental browser that implements these features

Font: Bold Italic

Small caps:	<input checked="" type="radio"/> Off <input type="radio"/> Synthetic (font-variant: small-caps) <input type="radio"/> OpenType (smcp)	OpenType kerning:	<input checked="" type="checkbox"/> Enabled (kern)
Numeral style:	<input checked="" type="radio"/> Default <input type="radio"/> Lining (lnum) <input type="radio"/> Oldstyle (onum)	Ligatures:	<input checked="" type="checkbox"/> Common (liga) <input type="checkbox"/> Discretionary (dlig) <input type="checkbox"/> Historical (hlig)
Numeral spacing:	<input checked="" type="radio"/> Default <input type="radio"/> Proportional (pnum) <input type="radio"/> Tabular (tnum)	Swash form:	<input type="checkbox"/> Enabled (sswt)
Fractions:	<input checked="" type="radio"/> Off <input type="radio"/> Normal (frac) <input type="radio"/> Alternate (afrc)	Stylistic sets:	<input type="checkbox"/> ss01 <input type="checkbox"/> ss02 <input type="checkbox"/> ss03 <input type="checkbox"/> ss04 <input type="checkbox"/> ss05
Slashed zero:	<input type="checkbox"/> Enabled (zero)	CJK character forms:	<input checked="" type="radio"/> Default <input type="radio"/> Simplified (smp)
			<input type="radio"/> Traditional (trad)

Feature string:

The Quick Brown Firefox acts swiftly

© 2008

Transitions

Our master-classes
and upcoming dates

For A Beautiful Web,
yours to own on
DVD

Master-classes and
DVD reviews

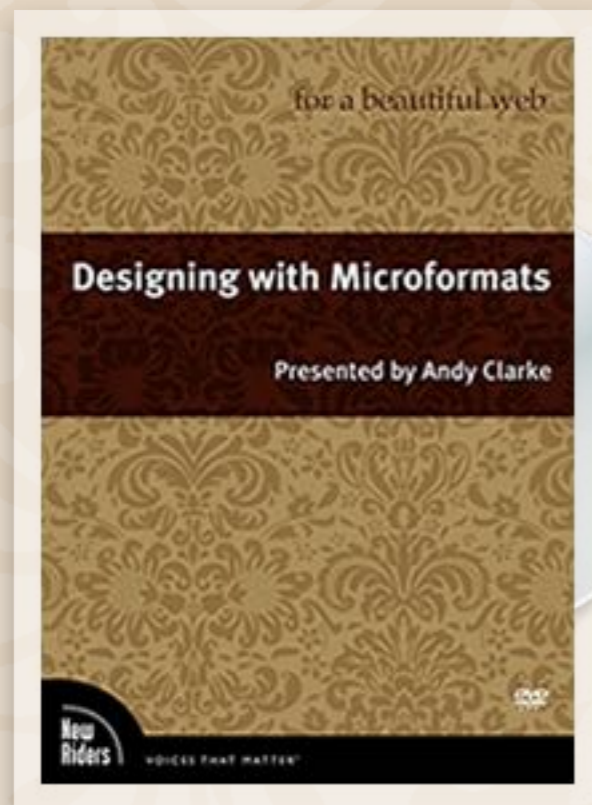
Blogging on And All
That Malarkey

Contact us about For
A Beautiful Web

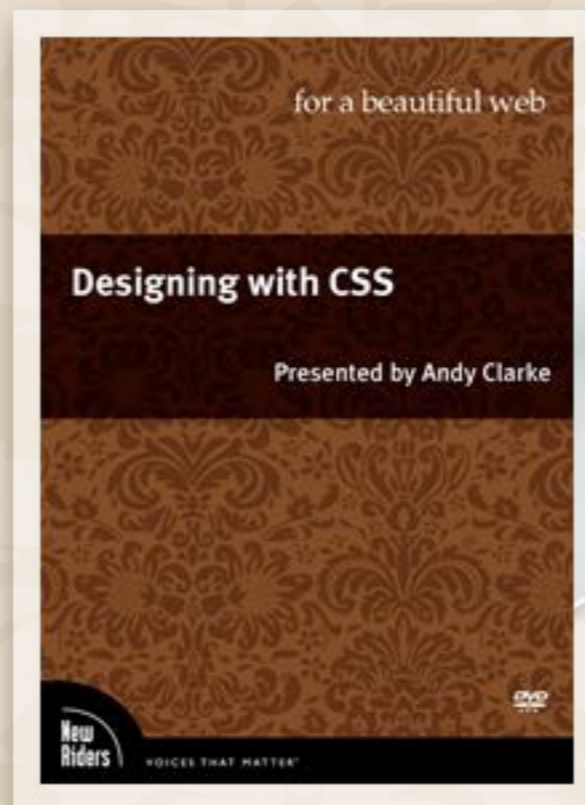
for a beautiful web

Master-class workshops and DVDs that make learning the most up-to-date web design & development information creative.

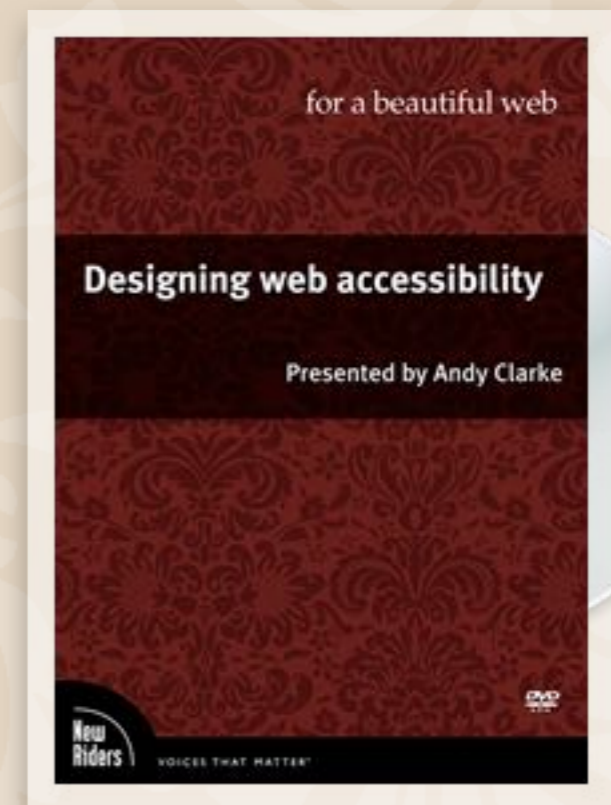
Three new master-classes, yours to own on DVD



DESIGNING WITH
MICROFORMATS



DESIGNING WITH CSS

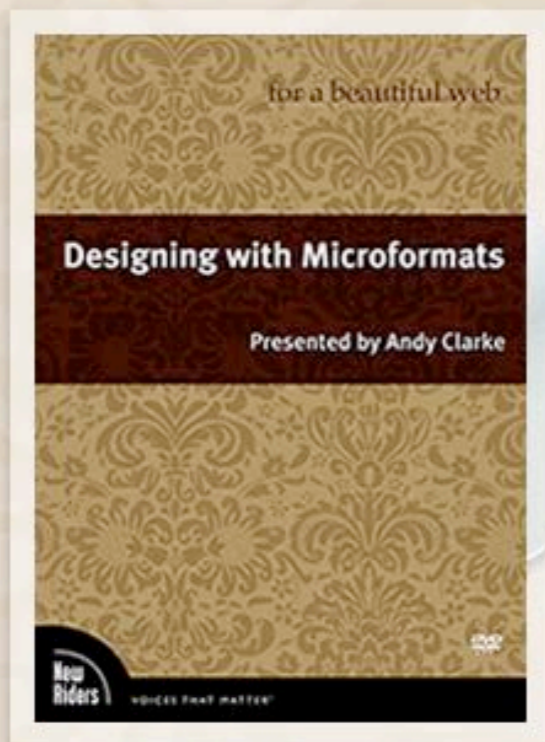


DESIGNING WEB ACCESSIBILITY

for a beautiful web

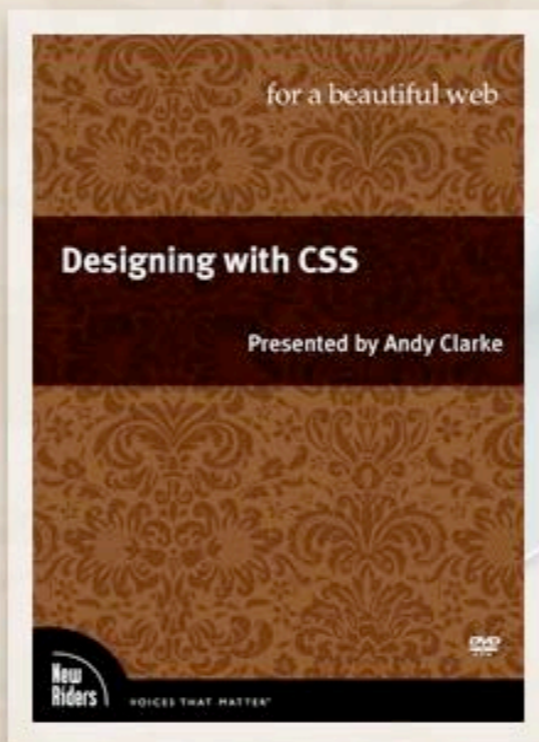
Master-class workshops and DVDs that make learning the most up-to-date web design & development information creative.

Three new master-classes, yours to own on DVD



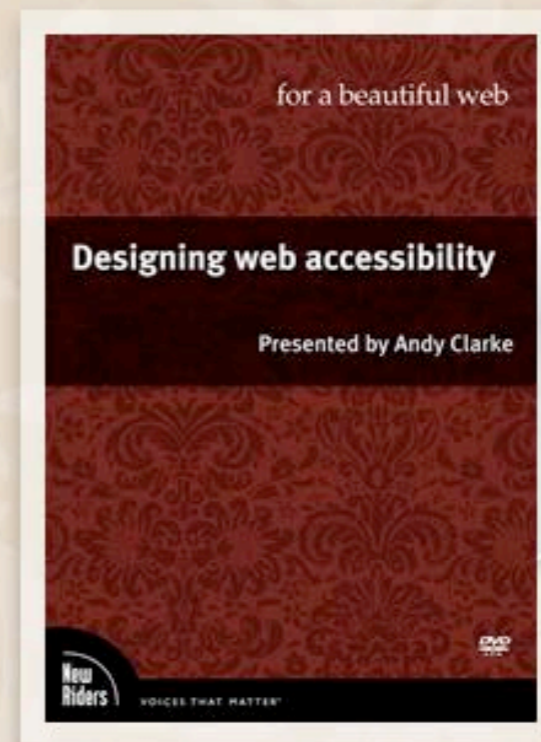
DESIGNING WITH MICROFORMATS

Microformats add meaning to



DESIGNING WITH CSS

Learn how to design for the web by



DESIGNING WEB ACCESSIBILITY

You will learn how to design

Danke

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