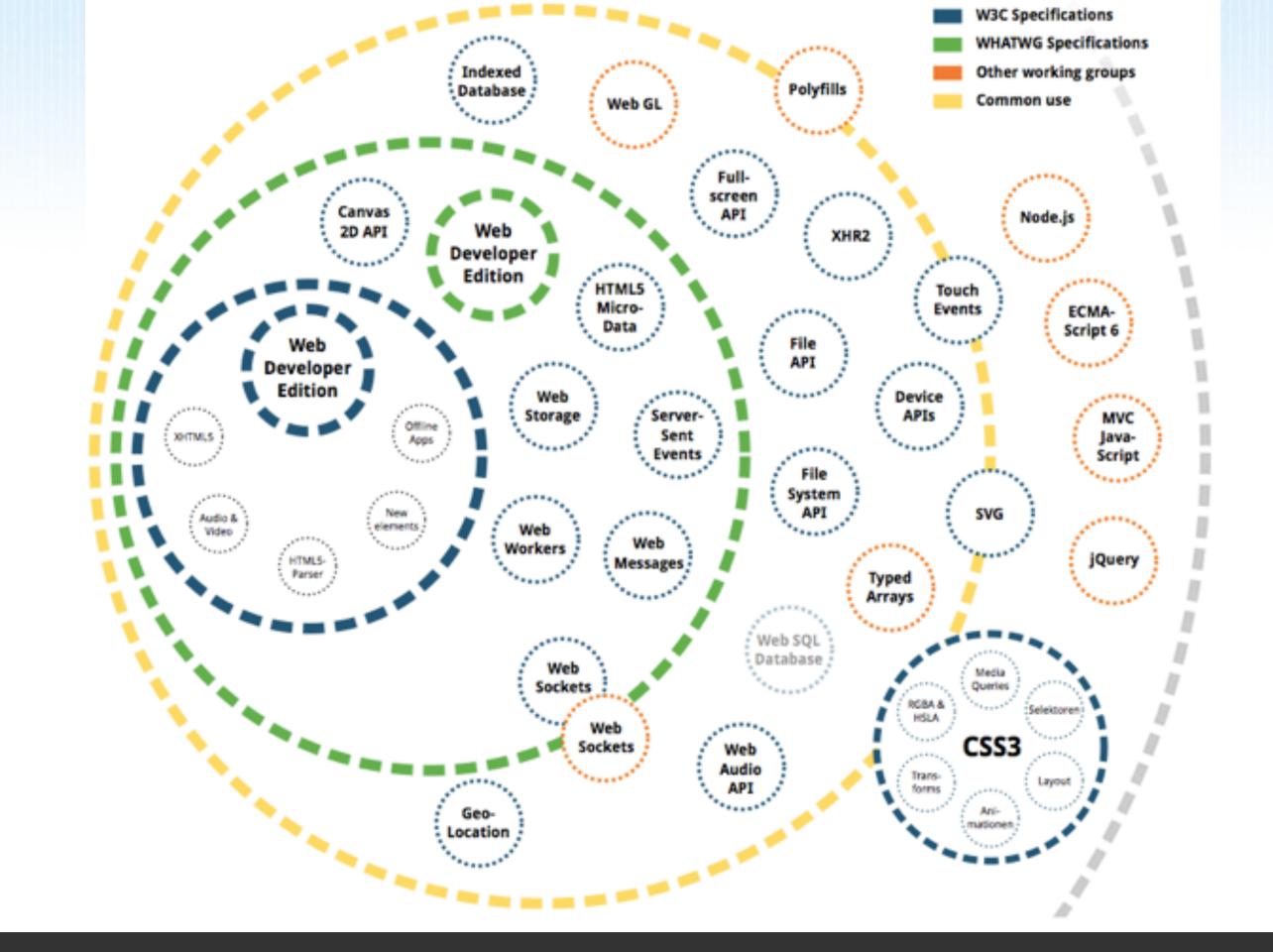
Building for Real Standards

It's complicated... HTML





Everybody wants a piece of the action...

Desktop Laptop Mobile **Tablet** Fridge

• • •

Everybody has solutions to try out...

Microsoft Google Mozilla Opera Apple Adobe Facebook **Twitter**

Demo time: HTML5 basics

Memo time:

- Use what is needed don't TXTCODE
- Safety goggles on!
- Develop for the future
- Build for the person who maintains your work.

Demo time: Client side thumbnails?

Memo time:

- Browsers are powerful pieces of software
- The client side rules!
- Use what the client can do

Safety in production?



TOP





Modernizr is an open-source JavaScript library that helps you build the next generation of HTML5 and CSS3-powered websites.

Why use Modernizr?

Taking advantage of the new capabilities of HTML5 and CSS3 can mean sacrificing control over the experience in older browsers.

Modernizr 2 is your starting point for making the best websites and applications that work exactly right no matter what browser or device your visitors use.

Thanks to the new Media Query tests and built-in YepNope.js micro-library as Modernizr.load(), you can now combine feature detection with media queries and conditional resource loading. That gives you the power and flexibility to optimize for every circumstance.

Check out the full list of features that Modernizr

DOWNLOAD DOCUMENTATION RESOURCES NEWS

"Modernizr is an essential part of my toolkit of files."

— Andy Clarke, <u>Stuff & Nonsense</u>

Download Modernizr 2.5.3

Use the commented, uncompressed Development version to develop with and learn from.

Then, dive into the Production build tool and pick just the tests you need!





Get started with Modernizr

While Modernizr gives you finer control over the experience through JavaScriptdriven feature detection, it is important to continue to use best practices throughout your development process. Use progressive enhancement wherever you can, and don't sacrifice accessibility for convenience or performance.

- · Documentation: Getting started
- Taking Advantage of HTML5 and CSS3 with Modernizr, Faruk Ates
- How to use Modernizr, Inayaili de León
- Modernizr: front-end development done right, Ryan Seddon
- [wiki] The Undetectables: features that cannot be detected
- [wiki] Cross-browser Polyfills

Also check out our Resources section.

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HTML5 F PLEASE

Use the new and shiny responsibly.

Look up HTML5, CSS3, etc features, know if they are ready for use, and if so find out how you should use them - with polyfills, fallbacks or as they are. tell me more ▶

type to filter

Explore features

supported by IE10+ • IE9+ • IE8+ • IE7+ • no IE not supported by mobile devices • older mobile devices requiring prefixes • polyfill • fallback that you should use . use with caution . avoid that are css • html • api • is all features



caution win fallback



<audio>

use with polyfill



background-image options

USE with fallback

http://html5please.com/

USE with fallback

LISE

HTML5 * BOILERPLATE

A rock-solid default for HTML5 awesome.

▶ I'm new here: plz explain why it's good, first.

DOWNLOAD BOILERPLATE 3.0.2 UPDATED FEB 19TH



READ THE DOCS ★ CONTRIBUTE ON GITHUB ★ FOLLOW ON TWITTER

HTML5 BOILERPLATE IS 3.0!

MONDAY, FEB 6TH, 2012

The key feature of this update is making Boilerplate smaller. Most of the changes have been working towards that. We have significant work done to our build script, so much so that we thought it deserved its own repository. Meanwhile, here is what's new.

CHANGELOG

3.0 gets some major updates Here are all the commits since last release.

http://html5boilerplate.com/

SIGNIFICANT CHANGES

Do you want to know more?

Sign in

mozilla 🕶





HTML5 & FRIENDS



HTML5 is the set of technology standards that support the next phase in the development of the Web. From its beginning, Mozilla has championed Web standards to ensure freedom of choice for those who use the Web and independence for those who build it. Leaders from Mozilla helped start the evolution of HTML and related standards that is now known as HTML5, and Mozilla continues to lead in both defining and implementing these standards.

The term "HTML5" has been applied to many things, creating confusion about exactly what it is and what it can do. Rather than split hairs, we use "& friends" to encompass all the "new, exciting Web technologies" that will enable the next wave of Web-based innovation.

MDN DOCS

Community docs of HTML5 features and related technologies

HTML5

HTML5 Audio Read-Along Demo

Luke 2:1-20 (ESV)

DEMOS

https://developer.mozilla.org/en-US/learn/html5

See examples of the awesomeness you can achieve with HTML5 & friends



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Article Archive

Element Index

Ask the HTML5 Doctor

Resources

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Featured Article

HTML5 adaptive images: end of round one

May 16th, 2012 by Bruce Lawson.

After The Great Vendor Prefix Hullaballoo of April 2012 comes The Great Responsive Images Brouhaha of May 2012. We look at the main competing formats for adding adaptive images to HTML – the <picture> element, and the attribute.

Read full post

RECENT COMMENTS

Jemmy on Avoiding common HTML5 mistakes

Pete Signell on The output element

Pete Signell on The output element

Youri on HTML5 and Search Engine Optimisation (SEO)

sub, sup

mark on Quoting and citing with <blockquote>, <q>, <cite>, and the cite attribute

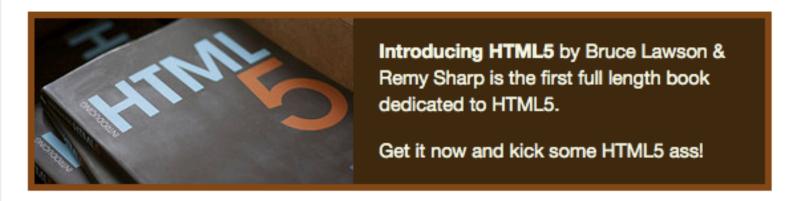
HTML5 Element Index

Head	Sections	Grouping	Tables	Forms	Forms 2	Embedded	Text-level	Text-level 2
doctype	body	p	table	form	keygen	img	a	time
html	article	hr	caption	fieldset	output	iframe	em	code
head	nav	pre	thead	legend	progress	embed	strong	kbd
title	aside	blockquote	tbody	label	meter	object	i, b	samp
base	section	ol	tfoot	input		param	u	var
link	header	ul	tr	button	Interactive	video	8	mark
meta	footer	li .	th	select	details	audio	small	bdi
style	h1-h6	dl, dt, dd	td	datalist	summary	ecurce	abbr	bdo
script	hgroup	figure	col	optgroup	command	canvas	q	ruby, rt, rp
http	*//h	tm	olon o	Tor.	menu C O IOO	track	cite	span
http			JUU L			map	dfn	br
					Edits			

HTML 5 Demos and Examples

owser based file reading Not part of HTML5

HTML 5 experimentation and demos I've hacked together. Click on the browser support icon or the technology tag to filter the demos (the filter is an OR filter).





Demo	Support	Technology
Stream video and filter with canvas	x 🧭 🔮 O 🐵 🥺	getUserMedia canvas
Stream video to the browser Also works on Opera Mobile 12	x 🧭 🕲 O 💿 📀	getUserMedia
Drag and drop and XHR upload	o 🎒 🕲 🕕 💩	file dnd xhr2
Hidden property	o 🧓 🕲 🔾 💩 🤣	hidden
Simple class manipulation	o 🧓 🕲 🔾 💩 🥙	classlist
Storage events	∅ ∅ 0 ∅ ∅	storage
ttp://htm15de	mos.cor	dataset)
Thousand Patricians		



Last words (not famous).



Move the Web Forward

You can make the web as awesome as you want it to be.

You love web standards. You want to give back to the community.

Curious about where to start? We're here to help.

http://movethewebforward.org/

to the platform, whether that's learning more about how it works, teaching others, or writing specs. The web has grown due