webfonts & @font-face

in brief

Paul Irish

web 2.0 expo : May 6, 2010
@font-face {
    font-family: "Fontin Sans";
    src: url("FontinSansR.otf");
}

h1 { font-family: "Fontin Sans", "Trebuchet MS", sans-serif }
## Browser Support

<table>
<thead>
<tr>
<th></th>
<th>@font-face (eot or ttf/otf)</th>
<th>svg fonts (uses @font-face)</th>
<th>rich type libraries (sIFR, Cufon, etc)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IE</td>
<td>IE 5+</td>
<td>---</td>
<td>IE 6+</td>
</tr>
<tr>
<td>Firefox</td>
<td>FF 3.5 (.woff in 3.6)</td>
<td>FF 3.5 +</td>
<td>FF 2+</td>
</tr>
<tr>
<td>Safari</td>
<td>Saf 3.1+</td>
<td>Saf 3.1+</td>
<td>3+</td>
</tr>
<tr>
<td>Safari</td>
<td></td>
<td></td>
<td>(incl. mobile safari)</td>
</tr>
<tr>
<td>Chrome</td>
<td>Chrome 4.0 (stable)</td>
<td>Chrome 0.3+</td>
<td>1+</td>
</tr>
<tr>
<td>Opera</td>
<td>Opera 10</td>
<td>Opera 9</td>
<td>9.2+</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(sometimes)</td>
</tr>
</tbody>
</table>
Browser Support

[Diagram showing browser support over time]
97% SUPPORT OF @FONT-FACE

- IE 8.0: 25%
- Firefox 3.5+: 27%
- Safari 4.0: 4%
- Saf3, Opera, Chrome: 15%
- IE 7.0: 17%
- IE 6.0: 10%
Note: This test has to download 4.5Mb of font data before the results will show. It will take a while for the page to display.

Installed font:

Reference graphic:

System default font:
Download the Nafees Nastaleeq font and install it on your system to establish a baseline expectation for the result (see the Installed font text below). This helps identify failures caused due to lack of rendering support at the OS level.

Set the default fonts on the user agent so that the reference graphic doesn't look like the system default font text (shown below). Otherwise, you cannot be sure whether the test has passed or failed.

Shaping scripts (Urdu)

Check that (a) the text below looks identical to the installed font text, and (b) the installed font text looks the same as the reference graphic.

Installed font:

Reference graphic:

System default font:
Henri Sivonen’s pages

Articles

Activating Browser Modes with Doctype

HOWTO Avoid Being Called a Bozo When Producing XML

The Sad Story of PNG Gamma “Correction”

Mozilla Web Author FAQ

Videotiedostomuodon valinta Internet-käyttöön

An HTML5 Conformance Checker

Assembling Web Pages Using Document Trees

Tag Soup: How Mac IE 5 and Safari handle <x> <y> </x> </y>

Thoughts About a Print UI for Mozilla

Digitaisesta arkistoinnista
Henri Sivonen’s pages

Articles

**Activating Browser Modes with Doctype**
A document about the essentials of the layout modes of newer browsers. ([Una vecchia versione disponibile in italiano.](#))

**HOWTO Avoid Being Called a Bozo When Producing XML**
Dos and don’ts about producing XML programmatically.

**The Sad Story of PNG Gamma “Correction”**
Why you might not want to use PNG images when you want image colors and CSS colors to match.

**Mozilla Web Author FAQ**
Answers to questions Web authors ask frequently about Mozilla. The document is not part of my own site, but it’s written by me.

**Videotiedostomuodon valinta Internet-käyttöön**
A document on choosing a video format for Internet use. The document is not part of my own site, but it’s in a large part written by me.

**An HTML5 Conformance Checker**
My master’s thesis

**Assembling Web Pages Using Document Trees**
A paper about a template engine that operates on XML document trees. ([Source code available.](#))

**Tag Soup: How Mac IE 5 and Safari handle &lt;x&gt; &lt;y&gt; &lt;/x&gt; &lt;/y&gt;**
What happens with the DOM in Safari and Mac IE 5 when the nesting of the markup is broken?

**Thoughts About a Print UI for Mozilla**
Some thoughts about printing from a Web browser.

**Digitaalisesta arkistoinnista**
Why you might not want to use PNG images when you want image colors and CSS colors to match.

**Mozilla Web Author FAQ**
Answers to questions Web authors ask frequently about Mozilla. The document is not part of my own site, but it's written by me.

**Videotiedostomuodon valinta Internet-käyttöön**
A document on choosing a video format for Internet use. The document is not part of my own site, but it's in a large part written by me.

**An HTML5 Conformance Checker**
My master's thesis

**Assembling Web Pages Using Document Trees**
A paper about a template engine that operates on XML document trees. ([Source code available.](#))

**Tag Soup: How Mac IE 5 and Safari handle `<x> `<y>` </x>` </y>`**
What happens with the DOM in Safari and Mac IE 5 when the nesting of the markup is broken?

**Thoughts About a Print UI for Mozilla**
Some thoughts about printing from a Web browser.

**Digitaalisesta arkistoinnista**
Why you might not want to use PNG images when you want image colors and CSS colors to match.

Mozilla Web Author FAQ

Answers to questions Web authors ask frequently about Mozilla. The document is not part of my own site, but it's relevant to the topic of color matching in images.
Acquiring fonts

- Free fonts
  - Fontsquirrel, League of Movable Type, WebFonts.info wiki

- Commercial fonts
  - Typekit, Kernest, FontDeck, Typotheque, webfonts.fonts.com, ascenderfonts.com

- Fontspring
Free fonts have met their match. We know how hard it is to find quality freeware that is licensed for commercial work. We’ve done the hard work, hand-selecting these typefaces and presenting them in an easy-to-use format. Please help us by submitting your own free fonts or showing us where to find more. Thanks and enjoy!

* FEATURED FONTS *

Calluna AaBbCcDdEeFfGgHhIiJjKkL

Titillium AaBbCcDdEeFfGgHhIiJjKkL

ChunkFive AaBbCcDdEeFfGgH

Aller AaBbCcDdEeFfGgHhIiJjKkL

Monday, May 10, 2010
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

accueillez des amis


La fête va enfin commencer. Sortez les bouteilles; finis les ennuis. Je dresse la table, de ma nouvelle vie. Je suis heureux à l'idée de ce nouveau destin. Une vie à me cacher et puis libre enfin. Le festin est sur mon chemin, une vie à me cacher et puis libre enfin. L'espoir est un plat bien trop vite consommé. À sauter les repas je suis habitué. Un voleur solitaire est triste à nourrir. À un jeu si amer je n'étais pas prêt. Ce soirs des amoureux de là-bas. La vie s'est éculée.
Webfonts.info

Fonts available for @font-face embedding

Contents [hide]
1 Free fonts
   1.1 Fonts which specifically allow @font-face embedding
      1.1.1 League of Moveable Type
      1.1.2 Jos Buivenga / exljbris
   1.2 Fonts with an OpenFont License
   1.3 Fonts with a Creative Commons Attribution 2.0 Licence
   1.4 Fonts using the GNU General Public Licence Version 2
   1.5 Fonts using the GNU General Public Licence Version 3
   1.6 Fonts with an Apache Licence
   1.7 Fonts with a LaTeX Project Public Licence
   1.8 Fonts in the public domain
2 Commercial Fonts

Free fonts

Fonts which specifically allow @font-face embedding

- CA BND Bold WEB
- Graublaue Sans Web
- MEgalopolis Extra free with attribution
- Pykes Peak Zero
- The Fell Types free with attribution
- DejaWeb Regular Italic Bold Bold-Italic

League of Moveable Type
Font Squirrel Generator
The easiest way to use Real Fonts on your website.

Welcome to Kernest Berenis ADF Medium from Arkandis Digital Foundry.

BRINGING FINE TYPOGRAPHY TO THE WEB

The Typeotheque Web Font Service enables you to use custom fonts in your website using the @font-face rule in CSS. Just add a line of code to your page and get it working in minutes. Simple, fast and standard-compliant.

KERNEST.COM / Web Fonts Delivered.

Clearleft and OmniTi present Fontdeck, a web service delivering real fonts to your website.

Keep updated
Enter your email address and we'll let you know as soon as it's ready.

Your email address
Submit
Why Rent When You Can Own? - Webfonts That Is...

It's totally out of character for me to sort of put myself out there in our community but I'm starting to form the germ of a concept that I'd really like some thoughts on.


Second, think about this . . .

We create fonts to resell so that graphic designers can enhance their work with our fonts as part of their design toolkit and we grant permission for them to create lots of different works with our fonts by the license we offer them . . .

We sell these fonts for a fixed one time price which allows this use . . .

So, are be being greedy to force users to 'rent' fonts to display on web pages when we can simply offer a specific buy once downloadable package for them to use on their own site as Ethan is doing with Font Squirrel?

This seems to me as sort of a 'love or money' issue because folks are being opportunistic in their drive to sell rental services when in reality foundries can make the same money just plain selling fonts for web use . . .

Perhaps the cost is directly related to the number of domains they wish to use the font on and there is no question some foundries may wish to only offer fonts on a rental rather own basis . . .
The web has waited long enough. It’s time for professional quality alternatives to the same old fonts. It’s time for **Web FontFonts**.
The fonts
We have a growing library of typefaces from an incredibly talented pool of font designers. Show me now →

@Font-face ready
Many of our fonts can be purchased with domain licenses. Get the fonts you want on your site. Learn more →

What's a font-face?
Get up to speed on @font-face usage, best practices and how Fontspring web fonts work. Get info →

Tweet tweet
Follow us on twitter to stay informed about the latest fonts and @font-face developments. @Fontspring →

Armitage: 12 fonts by Dunwich Type Founders. Starting at $30

OpenType for your desktop and webfonts for your sites. Go →

FONT LISTS
Bestsellers
Recently Added
Free

FONT STYLES
Sans Serif
Serif
Script

FONT TAGS
Decorative
Headline
Poster
Informal
Sans Serif

LATEST FONTS
Gravity AaBbCc
Ryno Slab Aa
The feature setting string above implies rendering with discretionary ligatures (dlig) and the first set of stylistic alternates (ss01). An example using Jack Usine’s MEgalopolis Extra:

Using the font defaults:
WITH LOVE FROM FIREFOX

Using discretionary ligatures and an alternate glyph style:
WITH LOVE FROM FIREFOX
Beau Grand & Fort
ABRACDABRANCESQUE
EXTRAORDINAIRE
prestigieux
FULGURANT
Phénoménal
«GROSSAL!»
incroyable
& modeste avec ça