

# The Web is an Elegant Series of Hacks

Rufo Sanchez

@rufo

me@ru.fo

In the beginning...

**simple**

**GET /hypertext/www/TheProject.html**

```
1 <HEADER>
2 <TITLE>The World Wide Web project</TITLE>
3 <NEXTID N="55">
4 </HEADER>
5 <BODY>
6 <H1>World Wide Web</H1>The WorldWideWeb (W3) is a wide-area<A
7 NAME=0 HREF="WhatIs.html">
8 hypermedia</A> information retrieval
9 initiative aiming to give universal
10 access to a large universe of documents.<P>
11 Everything there is online about
12 W3 is linked directly or indirectly
13 to this document, including an <A
```

Info  
Navigate  
Document  
Edit  
Find  
Links  
Style  
Print...  
Page layout...  
Windows  
Services  
Hide  
Quit

## Welcome to the Universe of HyperText

## Home

Access to this information is provided as part of the [WorldWideWeb](#) project. The WWW project does not take responsibility for the accuracy of information provided by others.

## How to proceed

References to other information are represented like [this](#). Double-click on it to jump to related information.

## General CERN Information sources

Now choose an area in which you would like to start browsing. The system currently has access to three sources of information. With the indexes, you should use the keyword search option on your browser.

[CERN Information](#)

A general keyword index of information made available by the computer centre, including CERN, Cray and IBM help files, "Writeups", and the Computer Newsletter (CNL). (This is the same data on CERNVM which is also available on CERNVM with the VM [FIND command](#)).

[Yellow Pages](#)

A keyword index to the CERN telephone book by function.

You can access the internet news scheme ([See information for new users](#)). News articles are distributed typically CERN-wide or worldwide, and have a finite lifetime.

may be of general interest at CERN include

[WS](#)

[re Technology Interest Group\) news.](#)

machine, see also the following topics:

[on this WorldWideWeb application](#)

**Info**

## HyperMedia Browser/Editor

Version 1.0  
Alpha only

An excercise in global  
Information availability

by Tim Berners-Lee

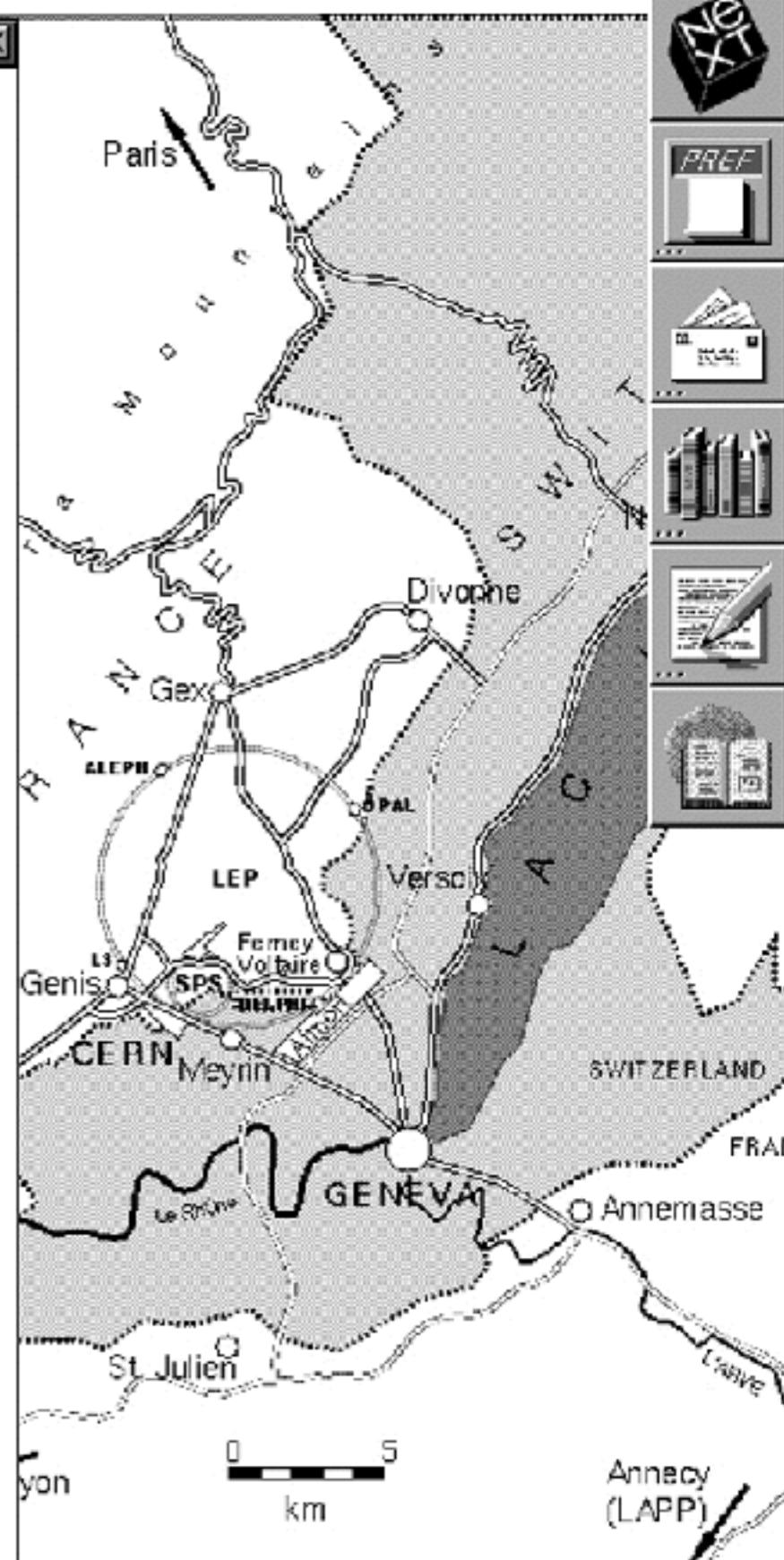
1990,91, CERN. Distribution restricted: ask for terms. TEST VERSION ONLY

text: Text which is not constrained to be linear.  
media: Information which is not constrained linear... or to be text.

This is the first version of the NextStep WorldWideWeb application  
with the libWWW library. Bug reports to [www-bug@info.cern.ch](mailto:www-bug@info.cern.ch).  
Check the list of known bugs in the web too.

This was the original prototype for the World-Wide Web. Many  
others for other platforms now exist. Read the web for details.

You should configure the newsreader code in this application to know  
where your local news (NNTP) server is. Type in a terminal window



**simple**







**how'd we get here?**

**simple**

**hypertext**

The screenshot shows a vintage web browser window with a light gray interface. At the top, there's a toolbar with standard Mac OS X-style buttons (red, yellow, green, back, forward, etc.) and a URL bar containing "info.cern.ch/hypertext/WWW/TheProject.html". Below the toolbar, the title "The World Wide Web project" is displayed. The main content area features a large, bold, serif font heading "World Wide Web". Underneath, a paragraph of text describes the W3 project as a wide-area hypermedia information retrieval initiative. A section titled "What's out there?" lists links to online information, subjects, and servers. Other sections include "Help" (with links to browser pointers), "Software Products" (with a list of components), "Technical" (with details of protocols), "Bibliography" (with paper documentation), "People" (with a list of involved individuals), "History" (with a summary), "How can I help?" (with support information), and "Getting code" (with instructions for anonymous FTP). The overall layout is clean and minimalist, reflecting the early days of the web.

# World Wide Web

The WorldWideWeb (W3) is a wide-area [hypermedia](#) information retrieval initiative aiming to give universal access to a large universe of documents.

Everything there is online about W3 is linked directly or indirectly to this document, including an [executive summary](#) of the project, [Mailing lists](#) , [Policy](#) , November's [W3 news](#) , [Frequently Asked Questions](#) .

[What's out there?](#)

Pointers to the world's online information, [subjects](#) , [W3 servers](#), etc.

[Help](#)

on the browser you are using

[Software Products](#)

A list of W3 project components and their current state. (e.g. [Line Mode](#) ,[X11 Viola](#) , [NeXTStep](#) , [Servers](#) , [Tools](#) , [Mail robot](#) , [Library](#) )

[Technical](#)

Details of protocols, formats, program internals etc

[Bibliography](#)

Paper documentation on W3 and references.

[People](#)

A list of some people involved in the project.

[History](#)

A summary of the history of the project.

[How can I help ?](#)

If you would like to support the web..

[Getting code](#)

Getting the code by [anonymous FTP](#) , etc.

The World Wide Web project

# World Wide Web

The WorldWideWeb (W3) is a wide-area [hypermedia](#) information retrieval initiative aiming to give universal access to a large universe of documents.

Everything there is online about W3 is linked directly or indirectly to this document, including an [executive summary](#) of the project, [Mailing lists](#), [Policy](#), November's [W3 news](#), [Frequently Asked Questions](#).

[What's out there?](#)  
Pointers to the world's online information, [subjects](#), [W3 servers](#), etc.

[Help](#)  
on the browser you are using

[Software Products](#)  
A list of W3 project components and their current state. (e.g. [Line Mode](#), [X11 Viola](#), [NeXTStep](#), [Servers](#), [Tools](#), [Mail robot](#), [Library](#))

[Technical](#)  
Details of protocols, formats, program internals etc

[Bibliography](#)  
Paper documentation on W3 and references.

[People](#)  
A list of some people involved in the project.

[History](#)  
A summary of the history of the project.

[How can I help ?](#)  
If you would like to support the web..

[Getting code](#)  
Getting the code by [anonymous FTP](#), etc.

# **layout and design**

**NCSA Mosaic for MS Windows**

File Edit Options Navigate Hotlist Annotate Help

Document Title: NCSA Mosaic Home Page

Document URL: <http://www.ncsa.uiuc.edu/SDG/Software/Mosaic/NCSAMosaicHome.html>



Welcome to NCSA Mosaic, an Internet information browser and World Wide Web client. NCSA Mosaic was developed at the National Center for Supercomputing Applications at the University of Illinois in Urbana-Champaign. NCSA Mosaic software is copyrighted by The Board of Trustees of the University of Illinois (UI), and ownership remains with the UI.

---

Jan '97

The Software Development Group at NCSA has worked on NCSA Mosaic for nearly four years and we've learned a lot in the process. We are honored that we were able to help bring this technology to the masses and appreciated all the support and feedback we have received in return. However, the time has come for us to concentrate our limited resources in other areas of interest and development on Mosaic is complete.

*All information about the Mosaic project is available from the homepages.*

NCSA Mosaic Platforms:

- [NCSA Mosaic for the X Window System](#)
- [NCSA Mosaic for the Apple Macintosh](#)
- [NCSA Mosaic for Microsoft Windows](#)

World Wide Web Resources The following resources are available to help introduce you to cyberspace and keep track of its growth:

- A [glossary](#) of World Wide Web terms and acronyms
- An [INDEX](#) to Mosaic related documents
- [NCSA Mosaic Access Page](#) for persons with disabilities
- [Mosaic and WWW related Tutorials](#)
- [Internet Resources Meta-Index](#) at NCSA
- [Computational Chemistry Division Home Page](#)

NUM

# tables

## Purchased Equipments (June, 2006)

Item Num#	Item Picture	Item Description	Price
		Shipping Handling, Installation, etc	Expense
1.		IBM Clone Computer.	\$ 400.00
		Shipping Handling, Installation, etc	\$ 20.00
2.		1GB RAM Module for Computer.	\$ 50.00
		Shipping Handling, Installation, etc	\$ 14.00

## Purchased Equipments (June, 2006)

```
<table width="100%" height="100%" cellpadding="10" cellspacing="0" border="0">
<tr>
    <!-- ===== HEADER SECTION ===== -->
    <td colspan="2" height="100px" bgcolor="#777d6a">
        <h1>Website Logo</h1>
    </td>
</tr>
<tr>
    <!-- ===== LEFT COLUMN (MENU) ===== -->
    <td width="20%" valign="top" bgcolor="#999f8e">
        <a href="#">Menu link</a><br>
        ...
    </td>
    <!-- ===== RIGHT COLUMN (CONTENT) ===== -->
    <td width="80%" valign="top" bgcolor="#d2d8c7">
        <h2>Page heading</h2>
        ...
    </td>
</tr>
<!-- ===== FOOTER SECTION ===== -->
<tr>
    <td colspan="2" align="center" height="20" bgcolor="#777d6a">
        Copyright ©
    </td>
</tr>
</table>
```

Preview: tablelayout.html

Template: (none) CSS: (none) Media: (not specified) Filter: (language default)

# Website Logo

[Menu link](#)  
[Menu link](#)  
[Menu link](#)  
[Menu link](#)  
[Menu link](#)

## Page heading

Here's a two column layout with header and footer sections that span the width of both columns. The first table row creates the header and contains a single table cell which uses the colspan="2" attribute-value pair.

The second table row contains two table cells which create the menu column (left) and the content column (right). The colspan attribute is not set in either so they default to colspan="1".

The third table row creates the footer. Like the header, it contains a single table cell which uses the colspan="2" attribute-value pair.

Copyright ©

```
<table width="100%" height="100%" cellpadding="10" cellspacing="0" border="0">
<tr>
    <!-- ===== HEADER SECTION ===== -->
    <td colspan="2" height="100px" bgcolor="#777d6a">
        <h1>Website Logo</h1>
    </td>
</tr>
<tr>
    <!-- ===== LEFT COLUMN (MENU) ===== -->
    <td width="20%" valign="top" bgcolor="#999f8e">
        <a href="#">Menu link</a><br>
        ...
    </td>
    <!-- ===== RIGHT COLUMN (CONTENT) ===== -->
    <td width="80%" valign="top" bgcolor="#d2d8c7">
        <h2>Page heading</h2>
        ...
    </td>
</tr>
<!-- ===== FOOTER SECTION ===== -->
<tr>
    <td colspan="2" align="center" height="20" bgcolor="#777d6a">
        Copyright ©
    </td>
</tr>
</table>
```

```
<table width="100%" height="100%" cellpadding="10" cellspacing="0" border="0">
<tr> [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
    <!-- ===== HEADER SECTION ===== -->
    <td colspan="2" height="100px" bgcolor="#777d6a">
        <h1>Website Logo</h1> [REDACTED] [REDACTED]
    </td>
</tr> [REDACTED]
<tr> [REDACTED]
    <!-- ===== LEFT COLUMN (MENU) ===== -->
    <td width="20%" valign="top" bgcolor="#999f8e">
        <a href="#">Menu link</a><br>
        ...
    </td>
    <!-- ===== RIGHT COLUMN (CONTENT) ===== -->
    <td width="80%" valign="top" bgcolor="#d2d8c7">
        <h2>Page heading</h2> [REDACTED]
        ...
    </td>
</tr> [REDACTED]
<!-- ===== FOOTER SECTION ===== -->
<tr> [REDACTED]
    <td colspan="2" align="center" height="20" bgcolor="#777d6a">
        Copyright © [REDACTED] [REDACTED] [REDACTED]
    </td>
</tr> [REDACTED]
</table>
```

www.nba.com/jordan/

NBA.com: Michael Jordan Career Retrospective

**MICHAEL JORDAN**  
CAREER RETROSPECTIVE

NBA.com | Video Archive | Player File | Photo Galleries

**Forever Michael**

By returning to the NBA with the Washington Wizards, Michael Jordan is adding another chapter to his storied legacy. But one thing remains certain: what MJ has already accomplished both on and off the court is nothing short of legendary. [Recap his legacy of achievements](#) with this article from the Official NBA Encyclopedia.

- [The Numbers: Jordan's Career Stats](#)
- [Jan. 13, 1999: Jordan retirement transcript](#)
- [Jordan's official statement](#)

**The Ultimate Jordan**

Get ready for the release of Ultimate Jordan, a two-disc DVD compilation chronicling Jordan's career from college to the NBA Championships.

- [VIDEO: '98 - The Final Shot: 28.8+ | ISDN+](#)
- [25 game-winning shots from MJ's career](#)

**Halberstam on Jordan**

Esteemed author David Halberstam talked about his book on Michael Jordan in an [NBA.com live chat](#) on January 27, 1999.

- [Read an excerpt from Halberstam's book, \*Playing for Keeps\*](#)
- [Excerpt from MJ's \*For the Love of the Game\*](#)
- [Interview with Ahmad Rashad at '98 Finals](#)

**On Greatness**

Basketball guru [Hubie Brown analyzes](#) how Michael's game evolved over the course of his extraordinary career.

- [David Stern's statement: "He owned our game."](#)

Shop at the NBA Store

LISTS:

[Honors](#)

[50+ point games](#)

[Who got rings?](#)

[Teammates of Jordan](#)

SEASON HIGHLIGHTS:

[1984-85](#)

[1985-86](#)

[1986-87](#)

[1987-88](#)

[1988-89](#)

[1989-90](#)

[1990-91](#)

[1991-92](#)

[1992-93](#)

[1993-94](#)

[1994-95](#)

[1995-96](#)

[1996-97](#)

[1997-98](#)

[NBA Finals](#)

[All-Star Games](#)

[Slam Dunk Contests](#)

HTML View

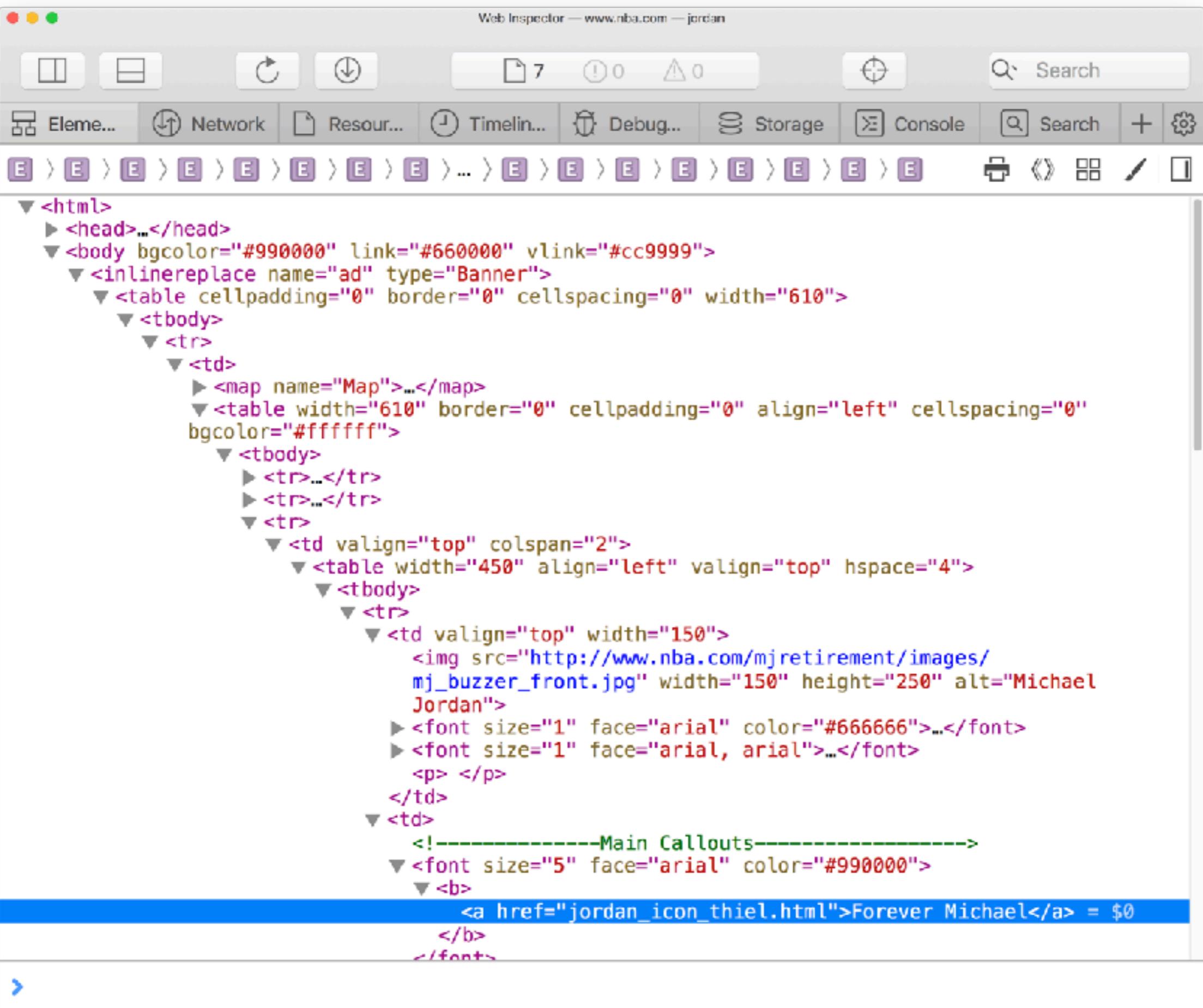
File Edit View Insert Cell Tools Window Help

Search

```
<html>
<head></head>
<body bgcolor="#990000" link="#550000" vlink="#cc9999">
<inlinereplace name="ad" type="Banner">
<table cellpadding="0" border="0" cellspacing="0" width="610">
<tbody>
<tr>
<td>
<map name="Map"></map>
<table width="610" border="0" cellpadding="0" align="left" cellspacing="0" bgcolor="#ffffff">
<tbody>
<tr>
<td valign="top" colspan="2">
<table width="450" align="left" valign="top" hspace="4">
<tbody>
<tr>
<td valign="top" width="150">

<font size="1" face="arial" color="#666666">
</font>
<font size="1" face="arial, arial">...</font>
<p> </p>
</td>
<td>
<!-- Main Callouts -->
<font size="5" face="arial" color="#990000">
<b>
<a href="jordan_icon_thiel.html">Forever Michael</a> = $0
</b>
</font>

```



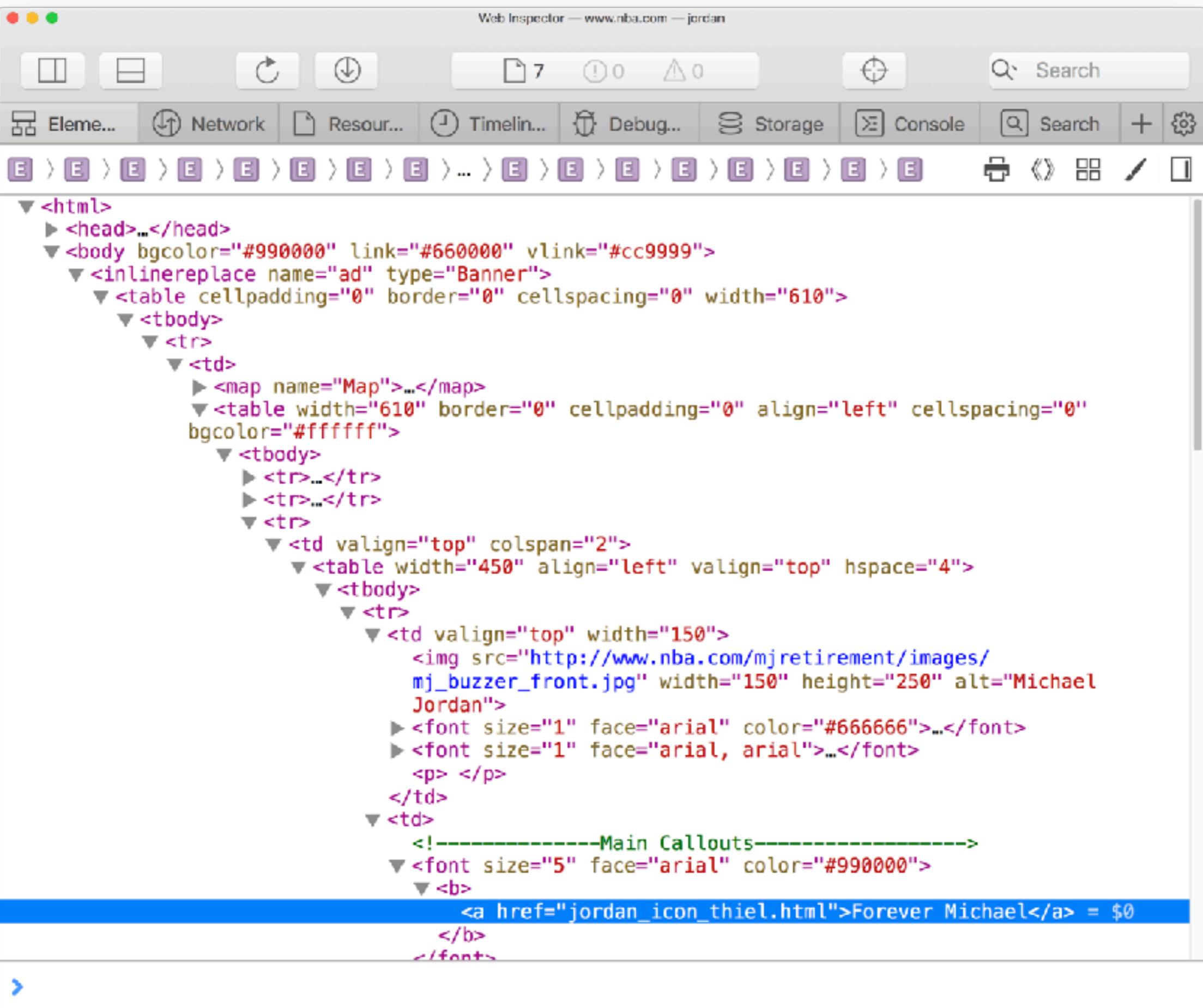
Search Results (990000)

0 Errors  0 Warnings  11 Notes Open

11 occurrences of "990000" found in 1 files.

▼ **jordan.html** 11 occurrences found

```
File jordan.html; Line 23: <body bgcolor="#990000" link="#660000" vlink="#cc9999">
File jordan.html; Line 57: <td colspan="7" bgcolor="#990000"><nobr><img
File jordan.html; Line 290: <font size=5 face="arial" color="#990000"><b><a href="jordan_icon_thiel.html">Forever Michael<
File jordan.html; Line 327: <!----<font size=5 face="arial" color="#990000"><b>MJ's Greatest Moments</b></font><br><font
File jordan.html; Line 351: <font size=5 face="arial" color="#990000"><b>The Ultimate Jordan</b></font><br><font size=2 f
File jordan.html; Line 369: <font size=5 face="arial" color="#990000"><b>Halberstam on Jordan</b></font><br><font size=2
File jordan.html; Line 393: <font size=5 face="arial" color="#990000"><b>On Greatness</b></font>
File jordan.html; Line 413: <font size=5 face="arial" color="#990000"><b>'Here Comes Mr. Jordan'</b></font><br><font size=2
File jordan.html; Line 445: <!!--<font size=5 face="arial" color="#990000"><b>World Bids MJ Adieu</b></font><br><font size=2
File jordan.html; Line 457: <!!--<font size=5 face="arial" color="#990000"><b>Game-Winners</b><br></font>
```





## Search Results (\*.arial.\*)

 0 Errors    0 Warnings    72 Notes[Open](#)

72 occurrences of ".\*arial.\*" found in 1 files.

**▼ jordan.html 72 occurrences found**

File jordan.html; Line 13: A.NAV {font: 10pt "arial narrow, arial"; font-weight: normal; color: "#fcfcfc"}

File jordan.html; Line 79: <b><font size=2 face="arial,helvetica"><a href="http://www.nba.com">NBA.com</a> | <a href="mjfinals.htm

File jordan.html; Line 89: <p><font size=3 face="arial narrow, arial" color="#cccccc"><b>MOMENTS:</b></font><p>

File jordan.html; Line 92: <font size=2 face="arial narrow, arial" color="#ffffff">

File jordan.html; Line 137: <font size=2 face="arial narrow, arial" color="#ffffff">

File jordan.html; Line 143: <p><font size=3 face="arial narrow, arial" color="#cccccc"><b>LISTS:</b></font><p>

File jordan.html; Line 145: <font size=2 face="arial narrow, arial" color="#ffffff">

File jordan.html; Line 159: <font size=3 face="arial narrow, arial" color="#cccccc"><b>SEASON<br> HIGHLIGHTS:</b></font><p>

File jordan.html; Line 161: <font size=2 face="arial narrow, arial" color="#ffffff">

File jordan.html; Line 248: <font size=1 face="arial" color="#666666">

File jordan.html; Line 255: <font size=1 face="arial, arial">

File jordan.html; Line 266: <font size=1 face="arial, arial">

File jordan.html; Line 290: <font size=5 face="arial" color="#990000"><b><a href="jordan\_icon\_thiel.html">Forever Michael</a></b>

File jordan.html; Line 295: <font size=1 face="arial, arial">

File jordan.html; Line 300: <font size=1 face="arial, arial">

File jordan.html; Line 308: <font size=1 face="arial, arial">

File jordan.html; Line 316: <font size=1 face="arial, arial">

File jordan.html; Line 327: <!----<font size=5 face="arial" color="#990000"><b>MJ's Greatest Moments</b></font><br><font size=2

File jordan.html; Line 333: <font size=1 face="arial, arial">

File jordan.html; Line 343: <font size=1 face="arial, arial">

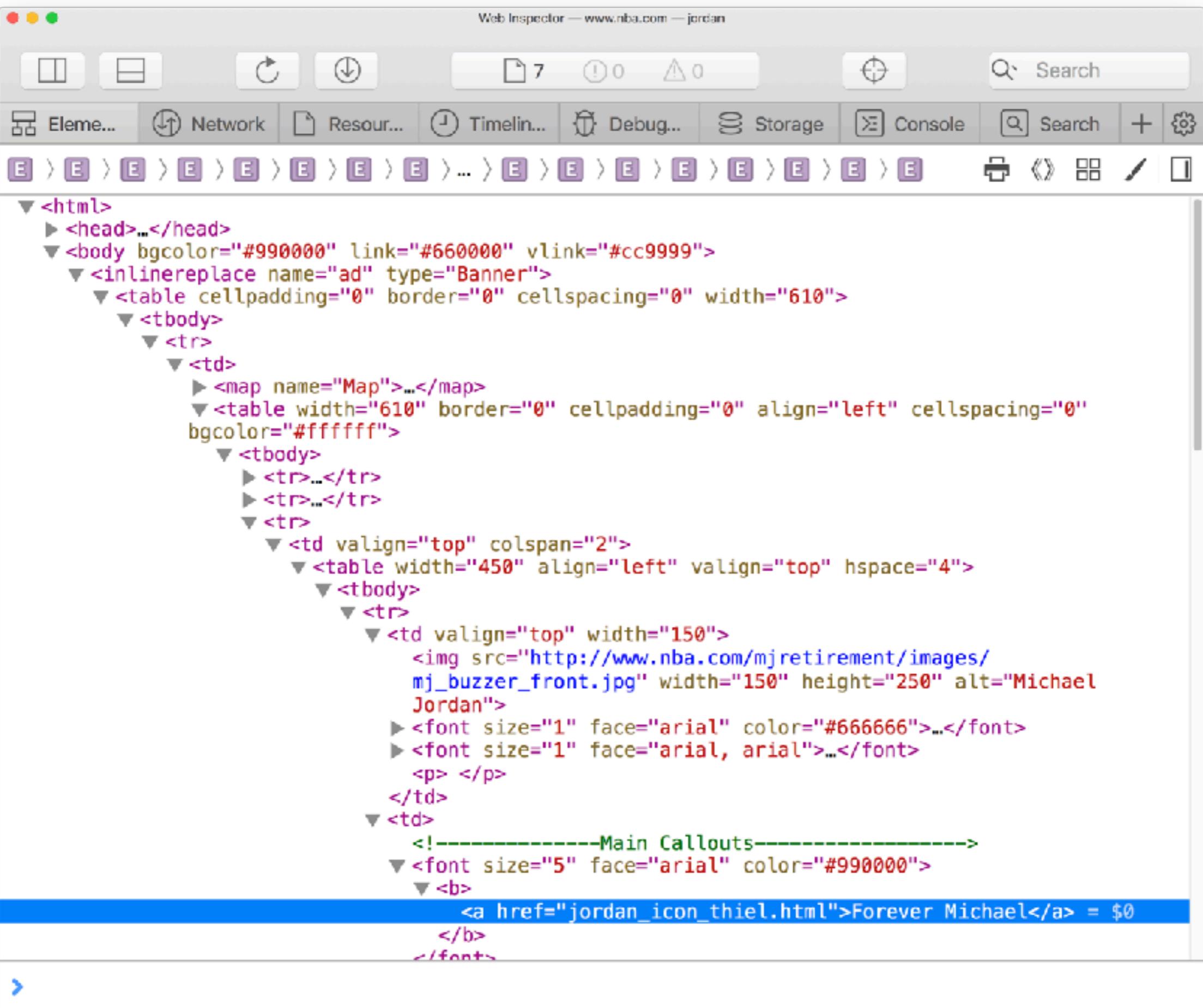
File jordan.html; Line 351: <font size=5 face="arial" color="#990000"><b>The Ultimate Jordan</b></font><br><font size=2 face="ar

File jordan.html; Line 355: <font size=1 face="arial, arial">

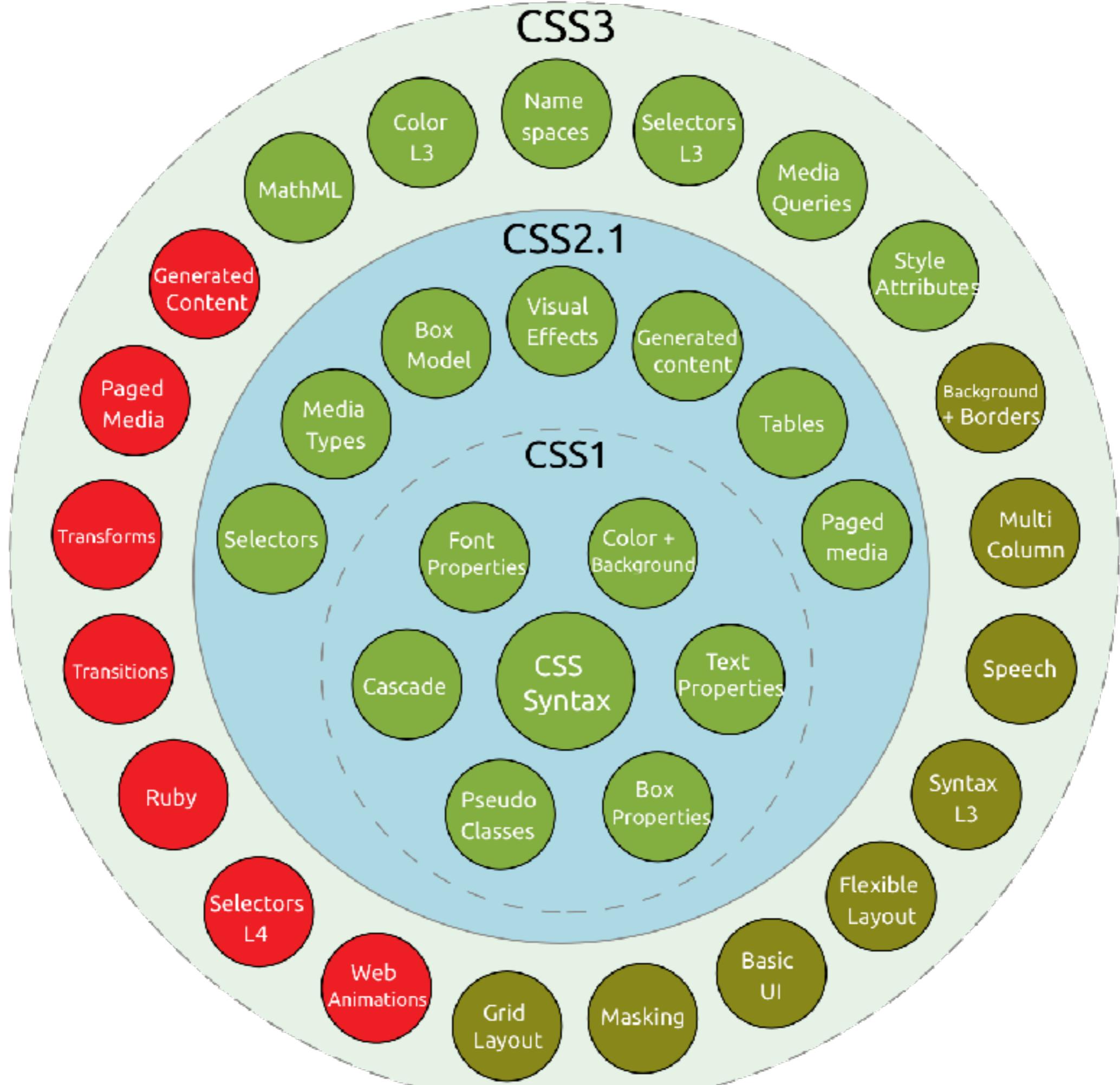
File jordan.html; Line 369: <font size=5 face="arial" color="#990000"><b>Halberstam on Jordan</b></font><br><font size=2 face="

File jordan.html; Line 377: <font size=1 face="arial, arial"><a href="halberstam\_jordan.html">Read an excerpt from Halberstam's book

File jordan.html; Line 379: <font size=1 face="arial, arial">



# **CSS**



```
a.callout {  
    font-weight: bold;  
    font-size: 150%;  
    color: #990000;  
}  
  
body {  
    font-family: Arial;  
}  
  
.red-background {  
    background-color: #990000;  
}
```

**CSS Zen Garden**

**SELECT A DESIGN**

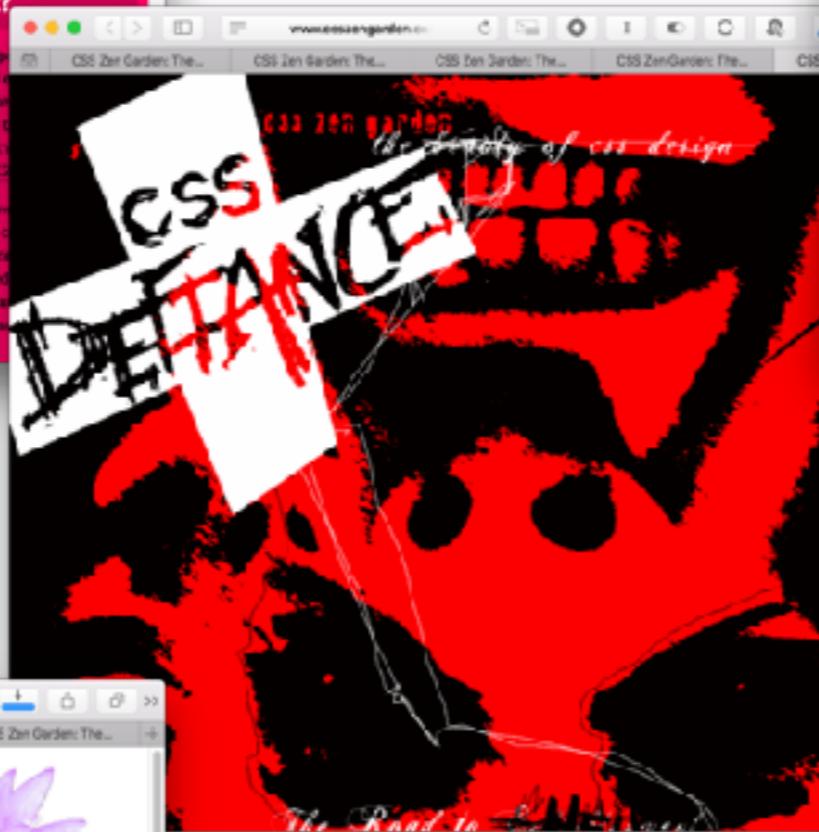
- MID CENTURY MODERN by Andrew Lahman
- GARMENTS by Dan Mall
- STEEL by Steffen Knobell
- APOTHEGARY by Trent Walton
- SCREEN FILTER by Elliot Jay Stocks
- FOUNTAIN RISE by Berens Codura
- A BRIEF NAME FOR JIMMY by mafusonic
- VERDE MODERNA by Basile Henn

A demonstration of what can be accomplished through CSS-based design. Select any style sheet from the list to load it into this page.

Download the example [HTML file](#) and [CSS file](#)

**ARCHIVES**

- VIEW DESIGNS
- VIEW ALL DESIGNS
- RESOURCES**
- VIEW THIS DESIGN'S CSS
- CSS RESOURCES
- FAQ
- SUBMIT A DESIGN
- TRANSLATIONS



**The Beauty of CSS Design**

CSS Zen Garden

The Beauty of CSS Design

A demonstration of what can be accomplished through CSS-based design. Select any style sheet from the list to load it into this page.

Download the example [HTML file](#) and [CSS file](#)

**Zen Garden**

**THE BEAUTY OF CSS DESIGN**

A demonstration of what can be accomplished through CSS-based design. Select any style sheet from the list to load it into this page.

Download the example [HTML file](#) and [CSS file](#)

**The Road to Enlightenment**

Littering a dark and dreary road lay the past relics of browser-specific tags, incompatible DCMs, broken CSS support, and abandoned browsers.

We must clear the mind of the past. Web enlightenment has been achieved thanks to the tireless efforts of folk like the W3C, W3SP, and the major browser creators.

The CSS Zen Garden invites you to relax and meditate on the important lessons of the masters. Begin to see with clarity. Learn to use the time-honored techniques in new and invigorating fashion. Become one with the web.

**Design List**

- MID CENTURY MODERN** by Andrew Lahman
- GARMENTS** by Dan Mall
- STEEL** by Steffen Knobell
- APOTHEGARY** by Trent Walton
- SCREEN FILTER** by Elliot Jay Stocks

**ZEN GARDEN**

**THE ROAD TO ENLIGHTENMENT**

Littering a dark and dreary road lay the past relics of browser-specific tags, incompatible DCMs, broken CSS support, and abandoned browsers.

The CSS Zen Garden invites you to relax and meditate on the important lessons of the masters. Begin to see with clarity. Learn to use the time-honored techniques in new and invigorating fashion. Become one with the web.

**SO WHAT'S THIS ALL ABOUT?**

There is a motivating need to share the power of CSS. The Zen Garden aims to inspire, inspire, and encourage participative. To begin, view some of the existing designs in the list. Clicking on any one will load the style sheet into this page.

**SELECT A DESIGN**

- MID CENTURY MODERN** BY ANDREW LAHMAN
- Garnets** BY DAN MALL
- Steel** BY STEFFEN KNOBELL
- Apothecary** BY TRENT WALTON
- Screen Filter** BY ELLIOT JAY STOCKS
- Fountain Rose** BY JEFFREY GLASSNER

**at this point**

**“ok, that’s great”**











[DWB](#)

**POPULAR:** JavaScript Promises | TypeScript | React.js | Cache API | ES6 Features | Node.js | JavaScript | QUERY

## 6 Reasons Why IE6 Must Die

By David Walsh on August 25, 2009

Internet Explorer 6, released on August 25, 2001, was a package of problems right from the start. Within a year of release, Microsoft silently declared that IE6 would not make enough money for them to continue supporting. The result has been numerous security problems, unfixed browser bugs, and a daily migraine for developers. Six years later, IE6 is still a thorn in the side of developers and it's been perfectly clear that IE6, for the following reasons, must die.

**JavaScript Happens** Clean it up with [Tricks](#)! Start Your Free Trial!

**Lack of PNG Transparency Support**

I'm a huge fan of PNG images. Though their file sizes can be larger than GIF's and JPG's, they are generally clean, crisp graphics. Internet Explorer 6 does not support transparency in PNG images, rather it displays an unknown.

**Popular Tags**

- HTML5
- Ajax
- CSS 3
- JS
- Java
- jQuery
- Mobile
- Mobile
- MacTools
- Mobile
- Performance
- PHP
- SEO
- Shell
- WordPress

**Popular Features**

- How to Create a Retrospective Raspberry
- HTML - Graphical Grids
- Comparing Importer Splicecase
- Becoming a Dev Dad
- JavaScript Promise API
- 7 Essential JavaScript Functions
- Time Imposter

[sitepoint](#) Learning Paths Books Videos Email Courses Login Sign Up

OFFER ENDS IN 10 HRS 51 MINS 43 SECS

Programming > March 06, 2009 > Dr. Dale Buckler

## 10 Fixes That Solve IE6 Problems

We know IE is likely to be around for some time but can we still support the browser and avoid hacks and conditional CSS? Here are 10 fixes to solve the most common IE6 issues including CSS, JavaScript and HTML.

**Sponsors**

**CSS-TRICKS**

## IE CSS Bugs That'll Get You Every Time

BY CHRIS COYIER ON APRIL 23, 2009

IE Bug

Internet Explorer had the best CSS support of any browser seven years ago. The little bugs in its CSS support have continued to this day. I still get comments from people who say any technique that doesn't work in IE6, while refusing to pander to IE6's limitations, I still feel it is better to make things look right in it whenever possible. Your bugs in IE will get you every time.

**Box Model**

Drew McLellan

10 December 2007 Published in Code 48 comments

## Transparent PNGs in Internet Explorer 6

Drew McLellan

Newer breeds of browser such as Firefox and Safari have offered support for PNG images with full alpha channel transparency for a few years. With the use of hacks, support has been available in Internet Explorer 5.5 and 6, but the hacks are non-ideal and have been tricky to use. With IE7 winning masses of users from earlier versions over the last year, full PNG alpha-channel transparency is becoming more of a reality for day-to-day use.

However, there are still millions of IE6 users out there who we can't leave out in the cold this Christmas, so in this article I'm going to look what we can do to support IE6 users while taking full advantage of transparency for the majority of user's visitors.

**So what's alpha channel transparency?**

[WIRED](#)

Quick IE6 Fixes (For Those That Still Support It)

**SHARE**

QUICK IE6 FIXES (FOR THOSE THAT STILL SUPPORT IT)

Yes, we know Internet Explorer 6 is a pain to support, but for many of us, it's a reality. Luckily, there are some tried-and-true tricks for at least making your site look GW in that browser from 2001.

I haven't found a single place that lists all the bugs (maybe there are too many?), but the three below cover some of the common ones. Some bugs are so big, they're covered in all three. Everyone wants to fix the double-margin bug, right?

- Debbie Douglas shares solutions to 6 CSS bugs in IE6. From PNG transparency to duplicated list items, he has some quick fixes.
- Wipeout44 shows how to write IE-specific CSS and fix your lightning, among a few other bug squishings.
- Anthony Short focuses mostly on font issues, but he also

1 FREE ARTICLES LEFT THIS MONTH! Get Unlimited access + a free YubiKey. [Subscribe](#)

24 WAYS impress your friends

Drew McLellan

10 December 2007 Published in Code 48 comments

## Transparent PNGs in Internet Explorer 6

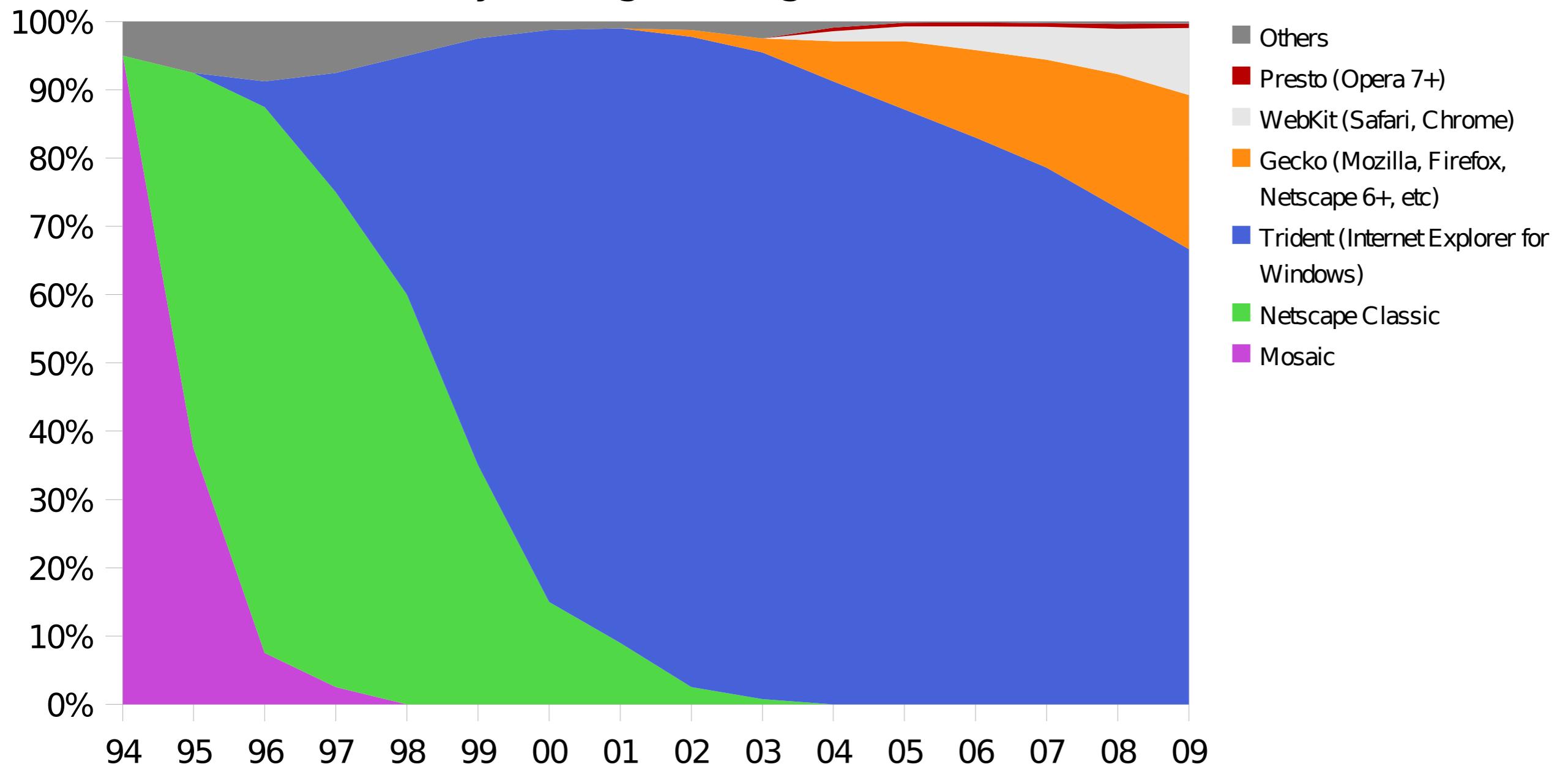
Drew McLellan

Newer breeds of browser such as Firefox and Safari have offered support for PNG images with full alpha channel transparency for a few years. With the use of hacks, support has been available in Internet Explorer 5.5 and 6, but the hacks are non-ideal and have been tricky to use. With IE7 winning masses of users from earlier versions over the last year, full PNG alpha-channel transparency is becoming more of a reality for day-to-day use.

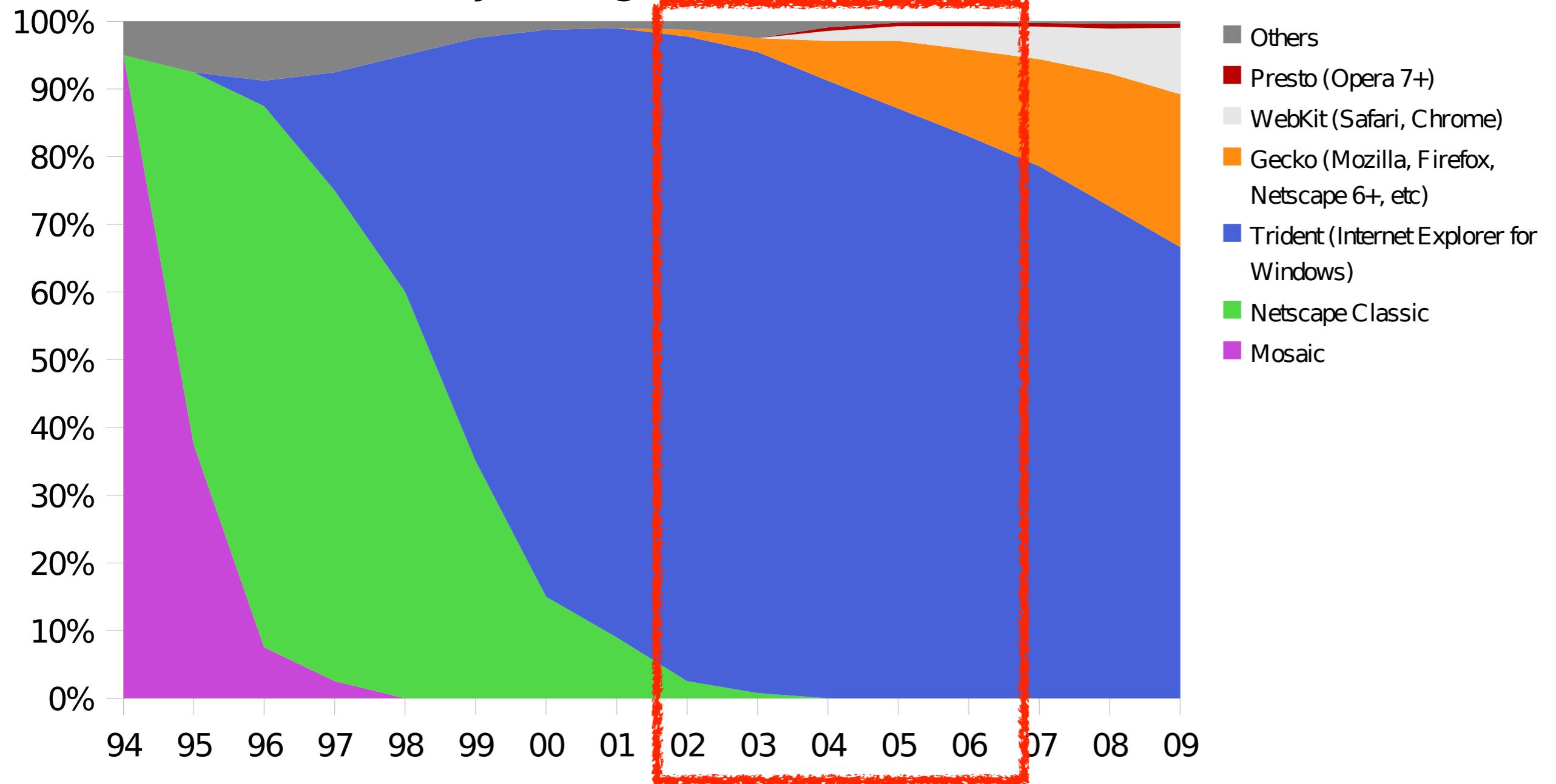
However, there are still millions of IE6 users out there who we can't leave out in the cold this Christmas, so in this article I'm going to look what we can do to support IE6 users while taking full advantage of transparency for the majority of user's visitors.

**So what's alpha channel transparency?**

## Layout engine usage share 1994-Q2 2009



## Layout engine usage share 1994-Q2 2009



# **hacks**

# star hack

```
* html .selector {}
```

# underscore hack

```
p { color: black; _color: blue; }
```

```
<!--[if IE 6]>
```

Special instructions for IE 6 here

```
<![endif]-->
```

```
#png-holder {  
    width: 300px;  
    height: 150px;  
    text-indent: -9999px;  
    filter:progid:DXImageTransform.Microsoft.  
AlphaImageLoader(src='/images/transparent.png',  
sizingMethod='crop');  
}
```

```
p.disclosure.warning { text-align: center; color: red; }
```

```
p.disclosure.warning { text-align: center; color: red; }
```

```
p.warning { text-align: center; color: red; } /* no .disclosure */
```

```
#tooltip.red { background: white; color: red; }  
#tooltip.yellow { background: black; color: red; }
```

# **polyfills**

**html5shiv**

# CSS3 PIE

**eventually IE6 went  
away**



# abstractions



**so... what's the point  
of all this?**





**standards will win**

**standards will win**

(eventually)

don't bet against  
conceptual compression



**fear the monoculture**

# thanks!

Rufo Sanchez

@rufo

me@ru.fo