

不懂HTML5 ★ 非好汉



- ★ HTML发展史
- ★ HTML5设计理论
- ★ VIDEO这些事儿
- ★ 标准之挑战



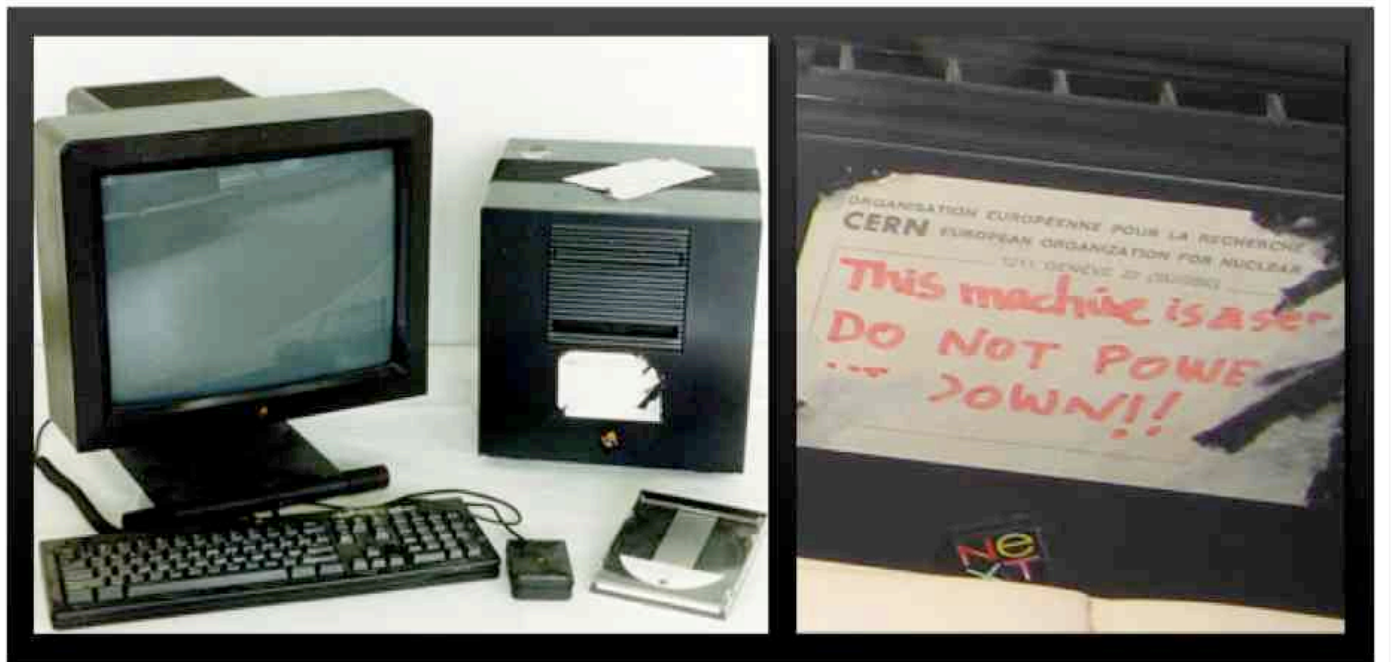
0 twitter / 新浪: zibin

0 slideshare.net/zibin
(今天的幻灯片)





<http://mediaarchive.cern.ch/MediaArchive/Photo/Public/1998/9806033/9806033/9806033-A4-at-144-dpi.jpg>



W3C协助制定不同的网络技

HTTP

XML

GeoLocation

XSLT

SOAP



HTML

SVG

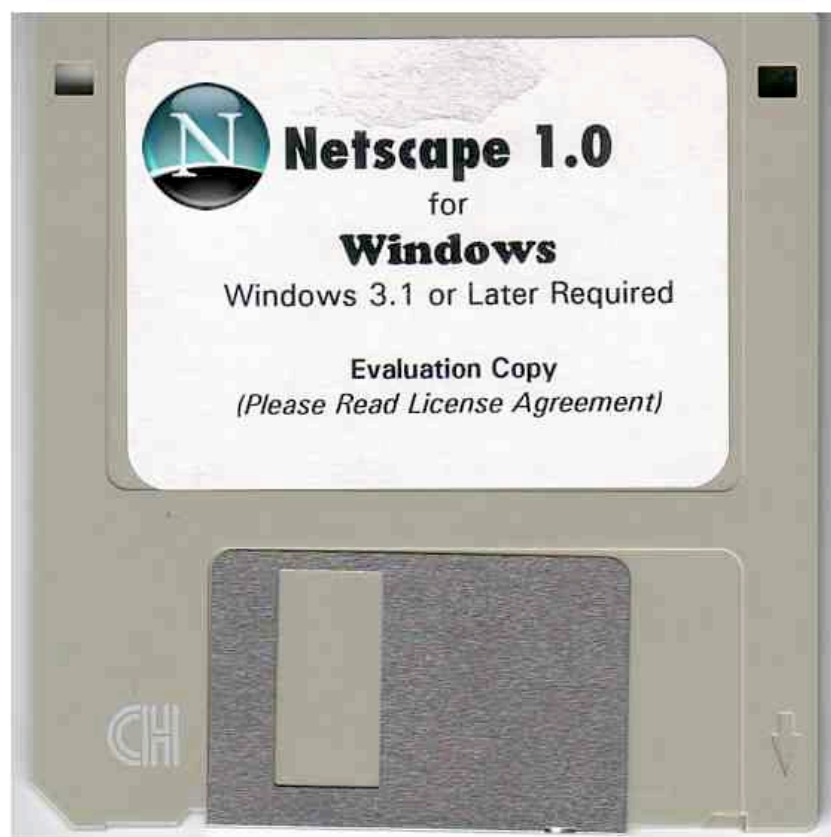
RDF



浏览器大战



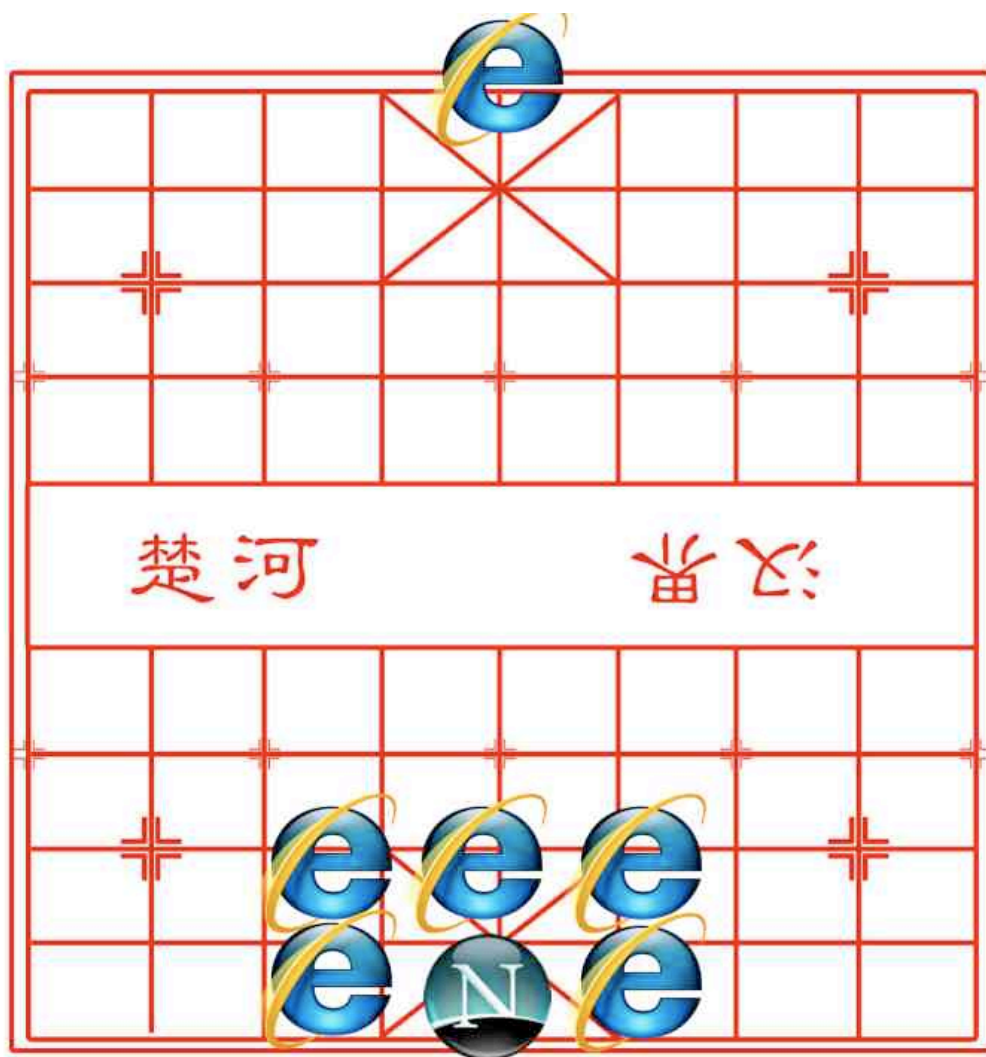
<http://www.flickr.com/photos/soldiersmediacenter/5576794534/sizes/l/in/photostream/>



http://www.computerhistory.org/timeline/images/1994_netscape_large.jpg



http://www.computerhistory.org/timeline/images/1994_netscape_large.jpg



The image features a light gray background with a pattern of interlocking puzzle pieces. One piece, located on the left side, is solid black. To the right of this black piece is a white rectangular label with a black border. Inside the label, the text "HTML 发展史" is written in a black, serif font.

HTML 发展史

时间表

1998

2000

2002

2004

....

..

为什么HTML4后
HTML5没有迅速
诞生？



W3C没有继续延伸HTML4的意图，反观未来的工作将着重于重新编写HTML成XML。

W3C has no intention to extend HTML4 as such. Instead, further work is focusing on a reformulation of HTML in XML

1999年十一月

...虽然XHTML2源自
HTML4, XHTML1.0和
XHTML1.1. XHTML2并不会
对他们往下兼容。

...while the ancestry of XHTML2 comes from HTML4, XHTML 1.0 and XHTML 1.1.
It is not intended to be backward compatible with its earlier versions

2002年八月

XHTML2

~~~~

<p src="map.png"></p>

~~<a>~~

Paper to W3C



<http://www.w3.org/2004/04/webapps-cdf-ws/papers/opera.html>

Paper to W3C



 **WHAT-WG**

网页超文本技术工作小组



2007年W3C和WHATWG共同开发WebApps1.0,
改名为HTML5

Paper to W3C

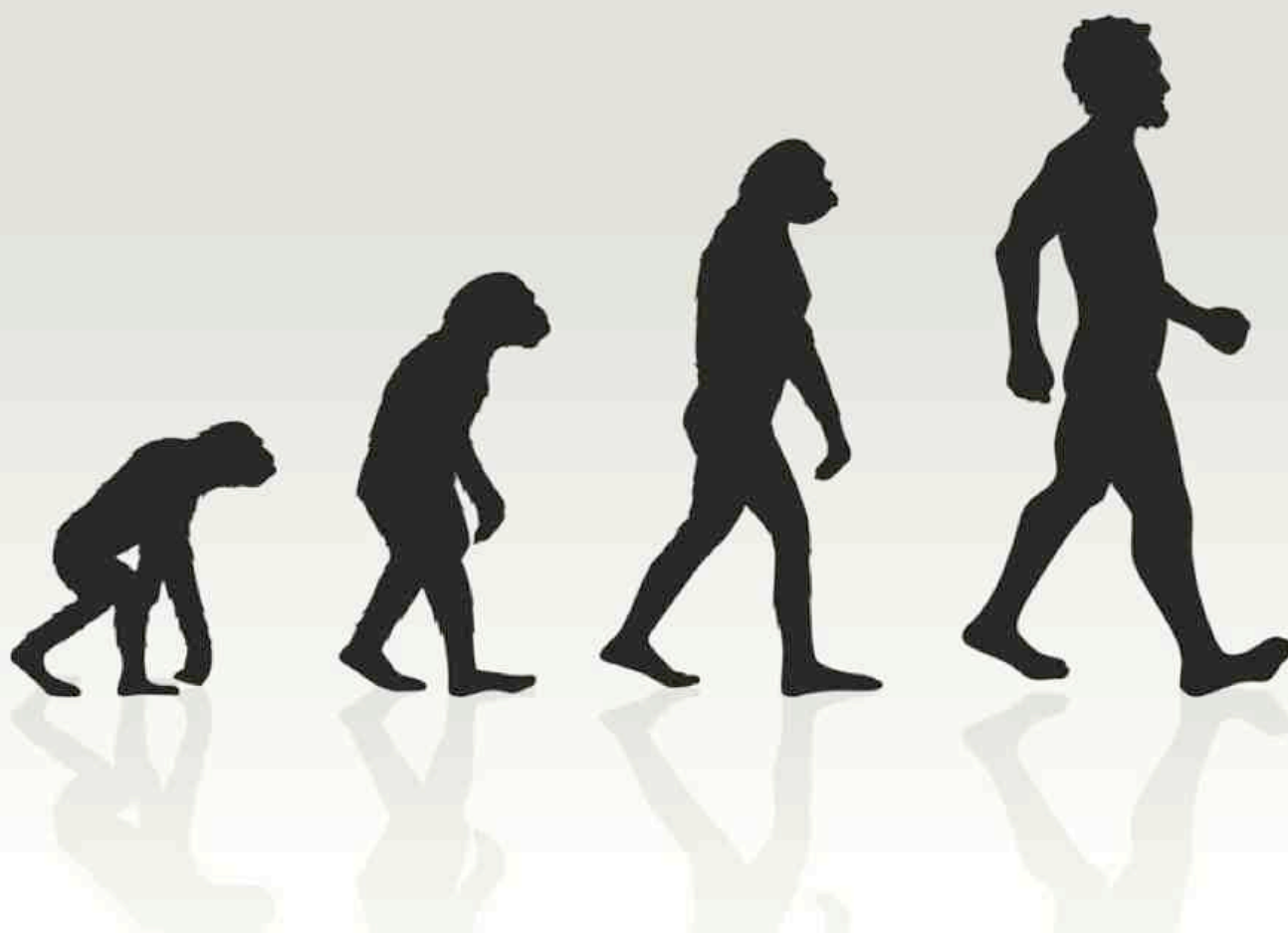


2007年W3C和WHATWG共同开发WebApps, 改名为HTML5

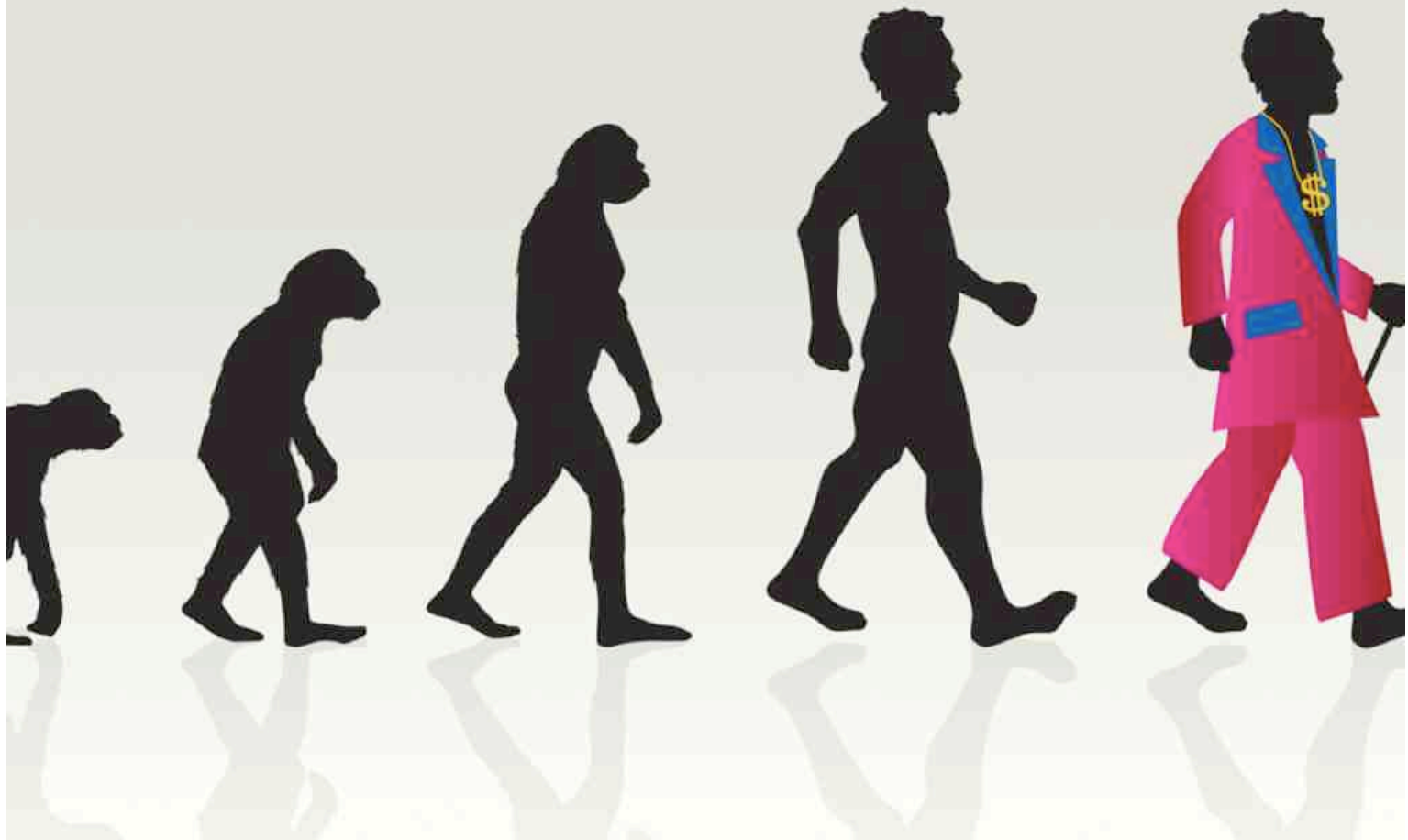


courtesy of Bruce Lawson

HTML 进化论



HTML5 == HTML4 + DOM + API



设计原理



<http://www.flickr.com/photos/bbaunach/495123533/sizes/o/in/photostream/>

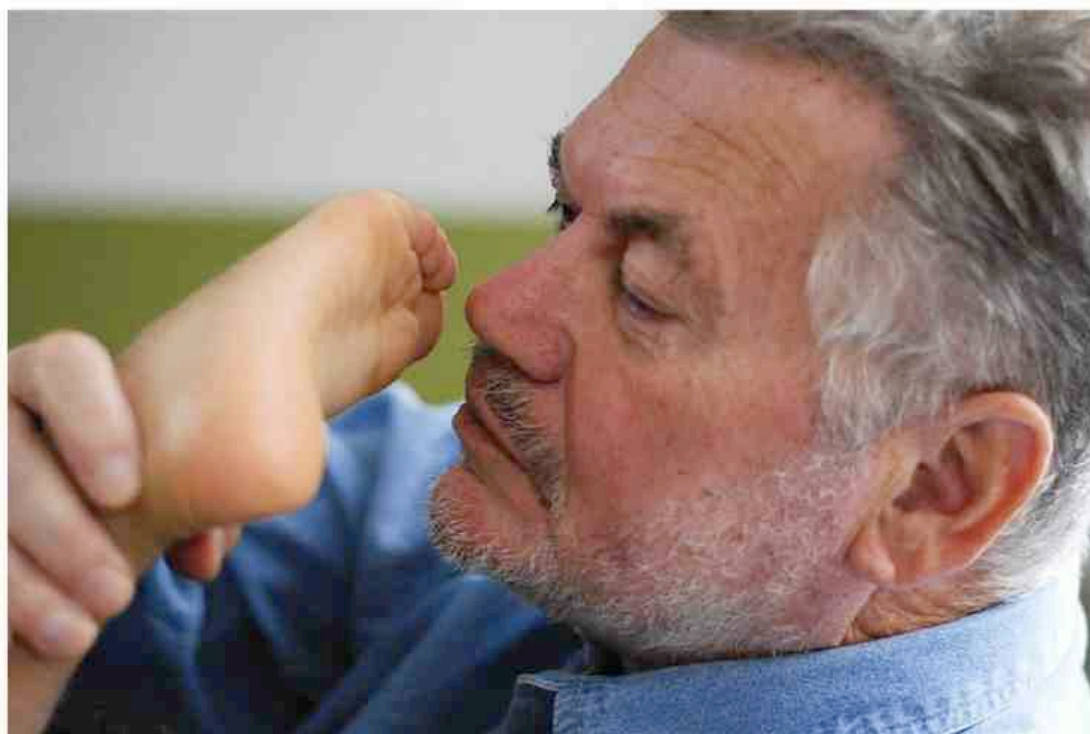
设计原理1： 向后支持

向后支持，在HTML4里使用HTML5，

<http://www.flickr.com/photos/leejordan/2484541616/sizes//in/photostream/>



设计原理2: 为用户掩护错误



The diagram features a background image of an elderly man with white hair, looking down. Overlaid on this image is a large, thick black 'X' that spans the entire width and height of the content area. In the center of the 'X' is a white rounded rectangle containing the text 'XHTML特质'. Below this central box are three more white rounded rectangles, each containing a characteristic of XHTML. These three boxes are arranged horizontally and are also intersected by the large black 'X'.

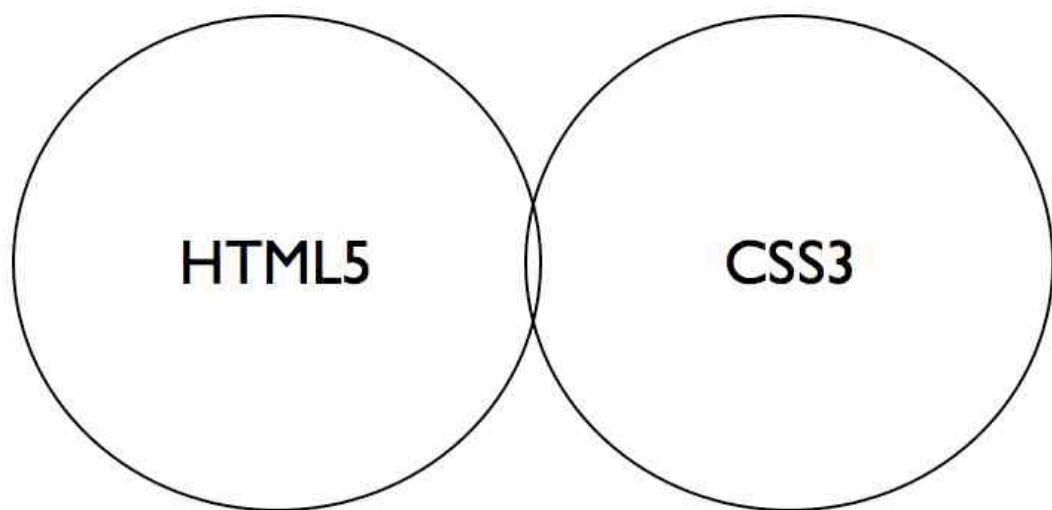
XHTML特质

标签和元素都必须小号

非空元素, 一定要有关闭号

well-formed

设计原理3: 语义和设计之分离



设计原理4: 无插件 / 外挂



<http://www.flickr.com/photos/sebleedellie/3519515347/sizes/l/in/photostream/>

设计原理5: 新标签, 实用性

HTML4 / XHTML

div id="header"

div id="side-bar"

div id="content"

div class="post"

div class="post"

div class="post"

div id="footer"

HTML5

<header>

<nav>

<section id="content">

<article>

<article>

<article>

<footer>

惯用ID = “” 的价值

Popularity	Value	Frequency
1	footer	288061
2	content	228661
3	header	223726
4	logo	121352
5	container	119877
6	main	106327
7	table1	101677
8	menu	96161
9	layer1	93920
10	autonumber1	77350
11	search	74887
12	nav	72057
13	wrapper	66730
14	top	66615
15	table2	57934
16	layer2	56823
17	sidebar	52416
18	image1	48922
19	banner	44592
20	navigation	43664

<http://devfiles.myopera.com/articles/572/idlist-url.htm>

dev.opera.com labs.opera.com www.opera.com



Open the Web

OPERA
software

设计原理6: 公开制定HTML5

My story

Video标签：我的故事



Video



Opera在2007年在WHAT WG邮件群组提出video标签的概念

Code

```
<video src="video.ogv"  
controls  
autoplay  
poster="poster.jpg"  
width="320" height="240">  
<a href="video.webm">Download movie</  
a>This is shown if no HTML5 video  
</video>
```

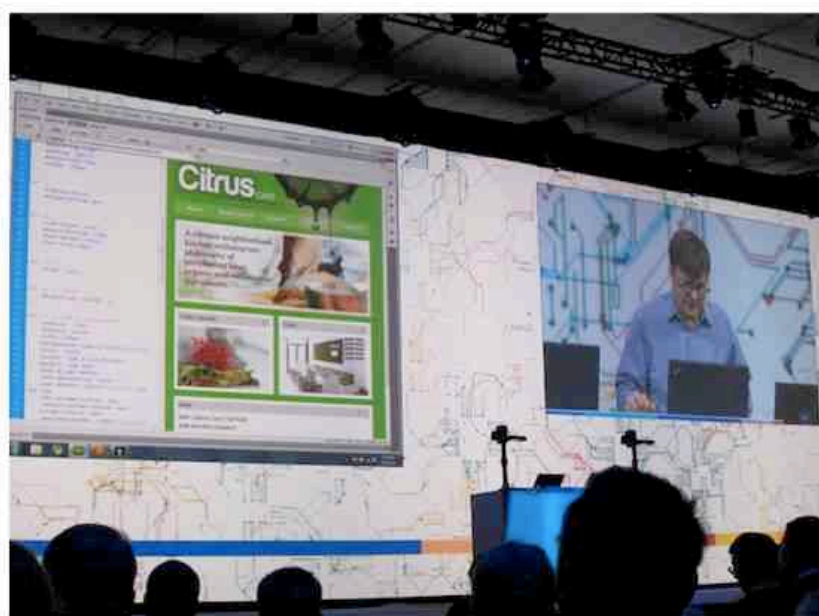


谁不爱flash？



苹果在2010放弃支持Flash

Adobe何去何从？



Adobe CTO在Google I / O支持WebM标准格式和介绍扩展包

<http://ntt.cc/wp-content/uploads/2010/05/AdobeCTOKevinLynchDemosHTML5ToolsAtGoogleIO.jpg>

format



五大浏览器选择哪些格式？

format

WebM

H.264

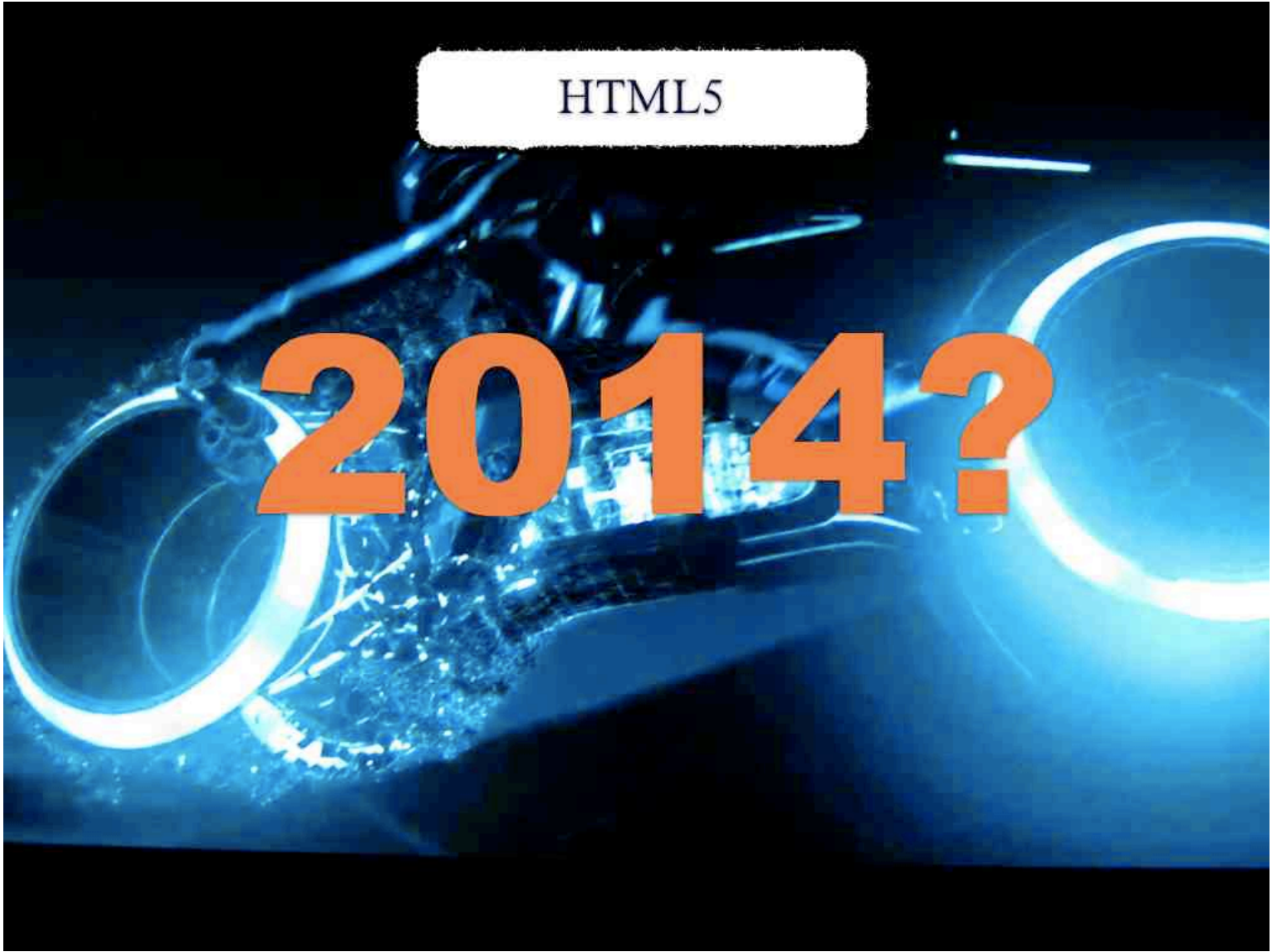


CODE

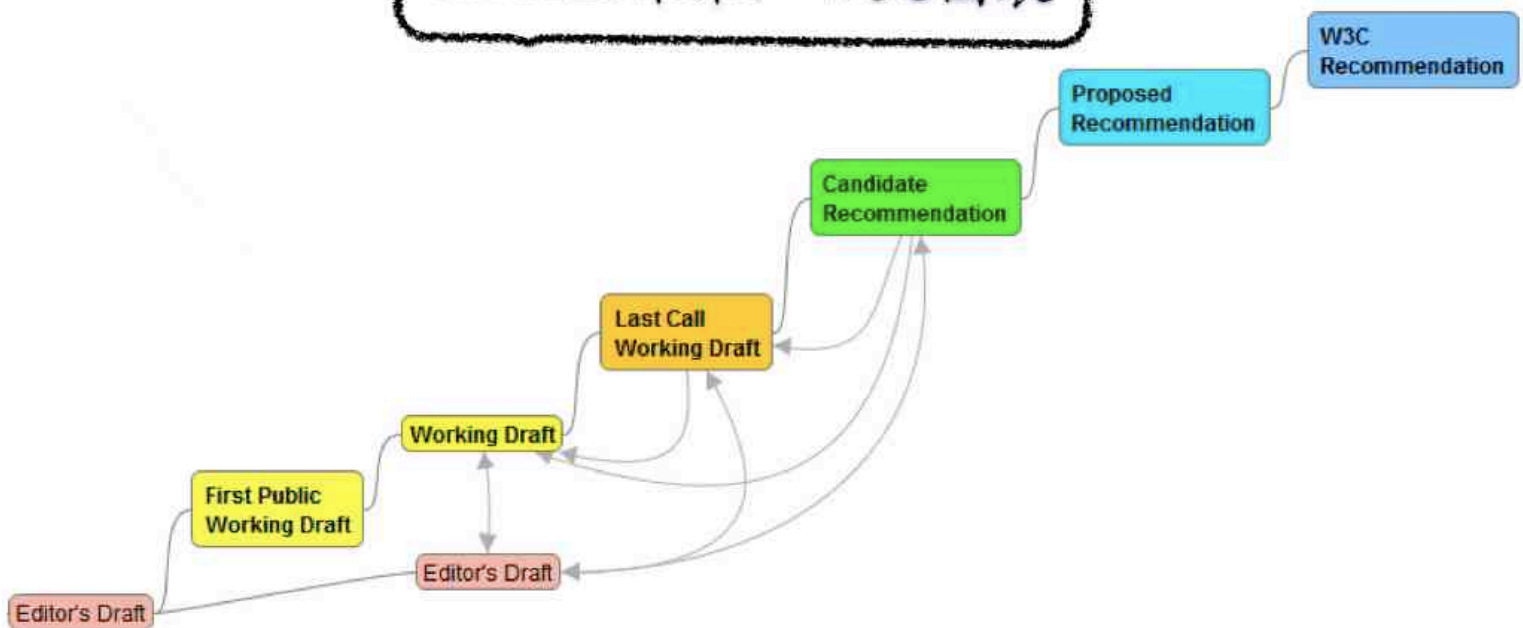


HTML5

2014?



HTML5未来: W3C图表



Specification	FPWD	LC	CR	PR	Rec
HTML5 and other deliverables	N/A	2011 Q2	2012 Q2	2014 Q1	2014 Q2

Note: The group will document significant changes from this initial schedule on the [group home page](#).

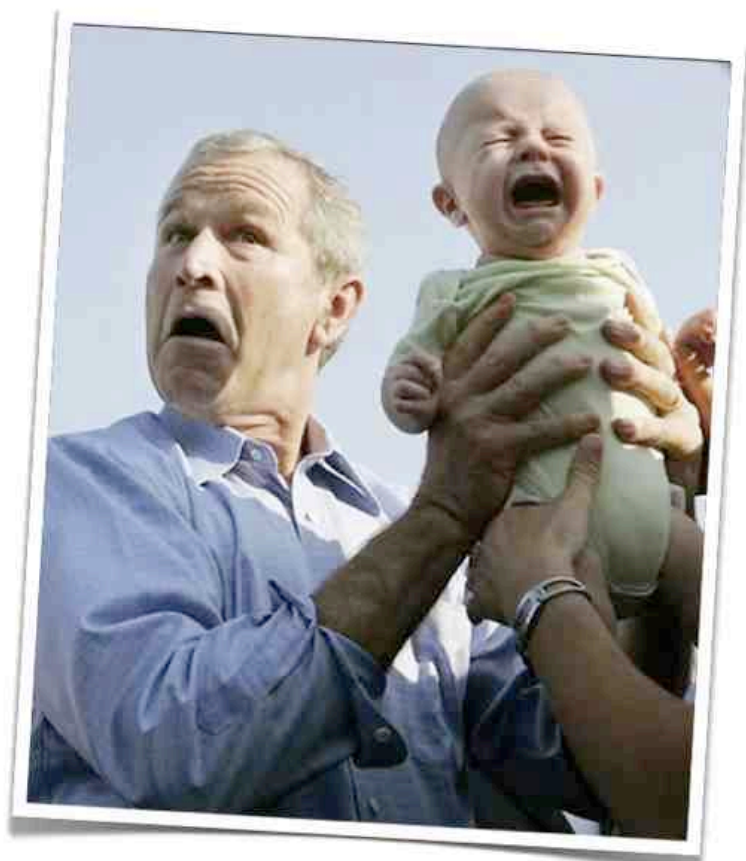
The image features a white background with a faint, repeating pattern of puzzle piece outlines. A single, solid black puzzle piece is positioned on the left side of the frame. To the right of this piece, there is a white rectangular box with a black border. Inside this box, the Chinese text "挑战！标准之道" is written in a black, serif font.

挑战！标准之道

IE6, 去死吧!



http://farm4.static.flickr.com/3640/3315062242_c21a4fd24c.jpg

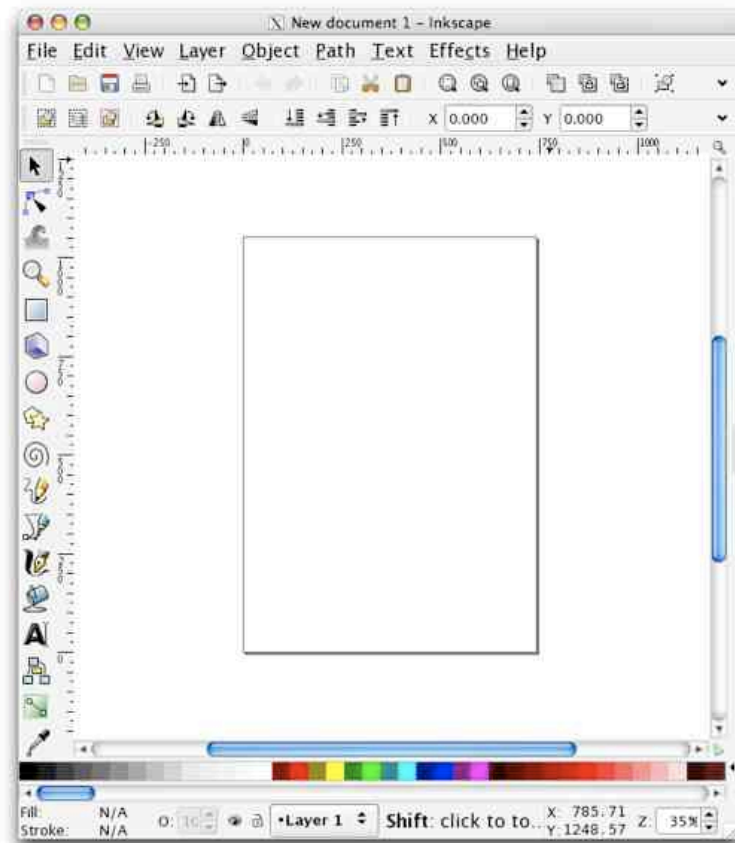


标准的政治



I ONLY CRY
WHEN UGLY
PEOPLE
HOLD ME

© 2014 by [illegible]



工欲善其事 必先利其器



品牌之建立

★ twitter / 新浪: zibin

★ slideshare.net/zibin



★ I am a 好汉！



★ 问 答 ★

slideshare.net/zibin  [twitter / 新浪: zibin](#)
(今天的幻灯片)

