

專案研討

當代網頁設計

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Day 2

XHTML + CSS

Separate **structure**
from **presentation**

HTML

Separate **structure**
from **presentation**

HTML

Separate **structure**

from **presentation**

CSS

HTML

v.s.

XHTML

X → XML

精簡

XHTML $\simeq$ 80 elements

deprecated elements

applet, center, font, strike, u...

好處

**XML = 整合其他
XML應用程式**

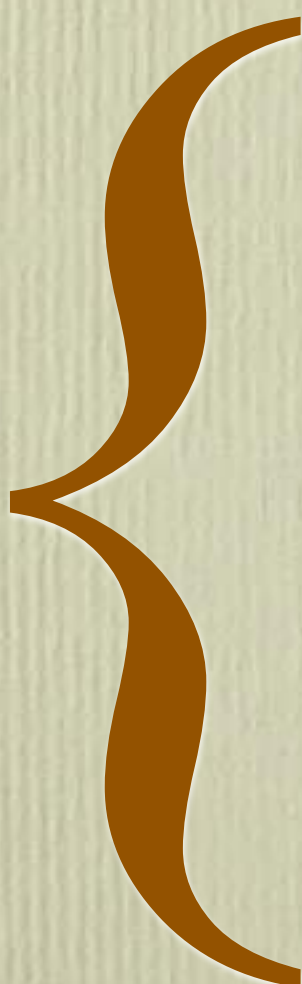
乾淨的程式碼

僱用CSS作黑手？

與設備無關

ex: <i> 、 、 <u> 、 ...

一份文件就搞定



瀏覽器

列印頁面

替代設備(手機, PDA,
PS2,)

取用便利

accessibility

頁面載入時間

驗證過的文件 = 不用分析錯誤標籤

XHTML

o. Doctype


```
<?xml version="1.0" encoding="utf-8"?>  
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"  
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
```

quirks

almost standard

strict



mode

1. 小寫

```
<p><a href="..." onmouseover="...">  
blah.....  
</a></p>
```


2. 隨手關門

```
<p>blah blah...</p>
```

```
<p>blah blah...</p>
```

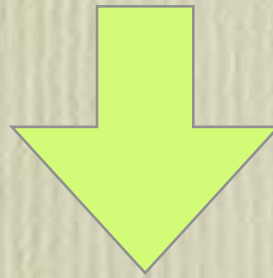
3. empty tag

```

```

4. ~~font~~


```
<b><font size=6 face=Arial>  
  首頁  
</b></font>
```



```
<h1>首頁</h1>
```

```
h1 {  
  font: bold xx-large Arial,  
  serif;  
}
```

5. <blockquote> != 縮排

```
p {  
    text-indent: 2em;  
}
```

6. heading tag 表示結構

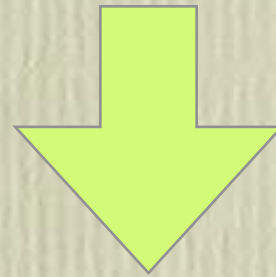
<h1> ~ <h6>

7. lists

ordered list & unordered list

blah blah...

blah blah...

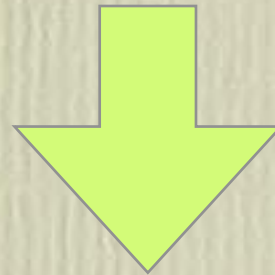


blah blah...

blah blah...

8. 語意


```
<br><br>
blah blah...
<br><br>
blah blah...
```



```
<p>blah blah...</p>
<p>blah blah...</p>
```

```
p {
    margin: 2em 0 2em 0;
    /* top right bottom left */
}
```

```
p {  
    margin: 2em 0;  
    /* top&bottom right&left */  
}
```

```
p {  
    margin: 2em 0 2em;  
    /* top right&left bottom */  
}
```

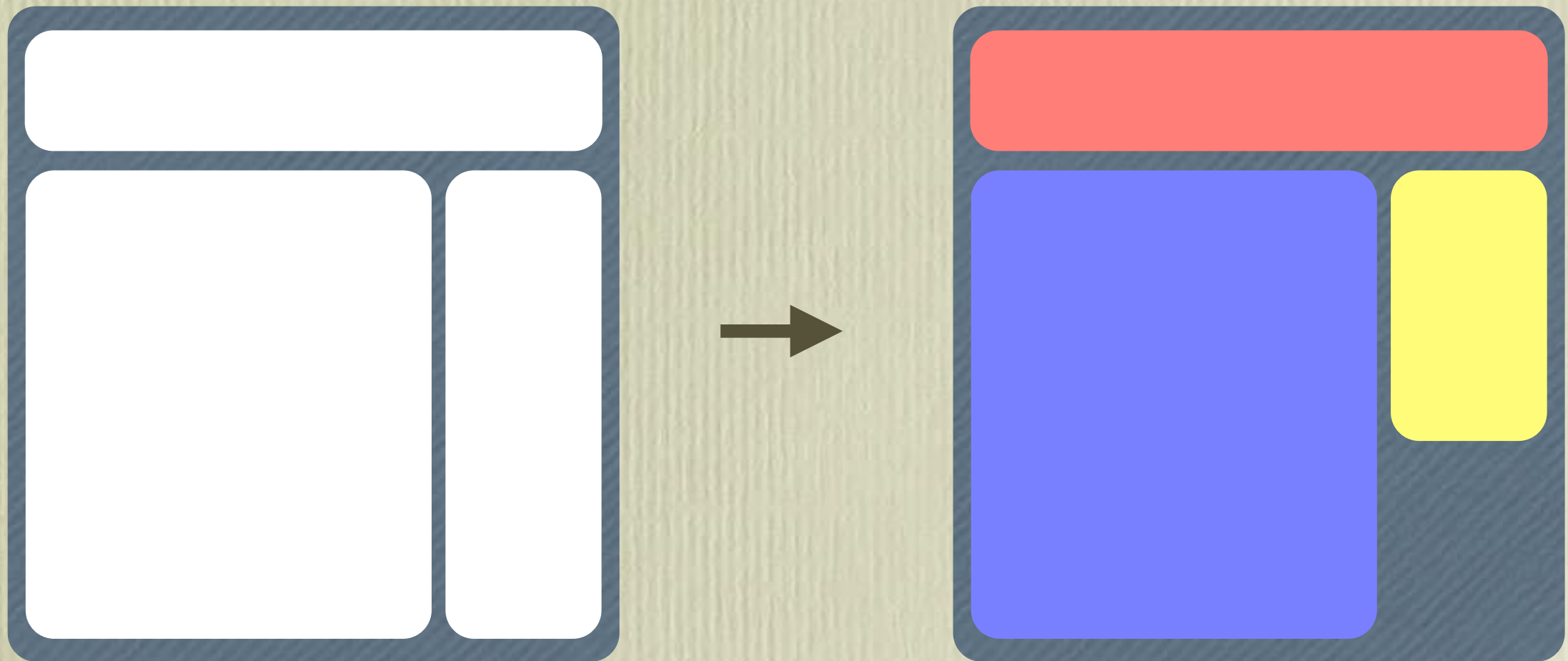
9. No More <table>s

表格 = 資料

	日期	內容
1	3/31	簡介
2	4/7	XHTML, CSS
3	4/14	CSS, DOM
	4/21	休息一週
4	4/28	DOM, AJAX

表格 != 排版

不用表格作排版



好處

- 取用便利
- 瀏覽器繪製速度
- 操控性高
- 維護容易
- 檔案小

XHTML2

v.s.

WHATWG
(HTML5)

XHTML2

W_3C

破壞性改造

WHATWG

企業 & 組織

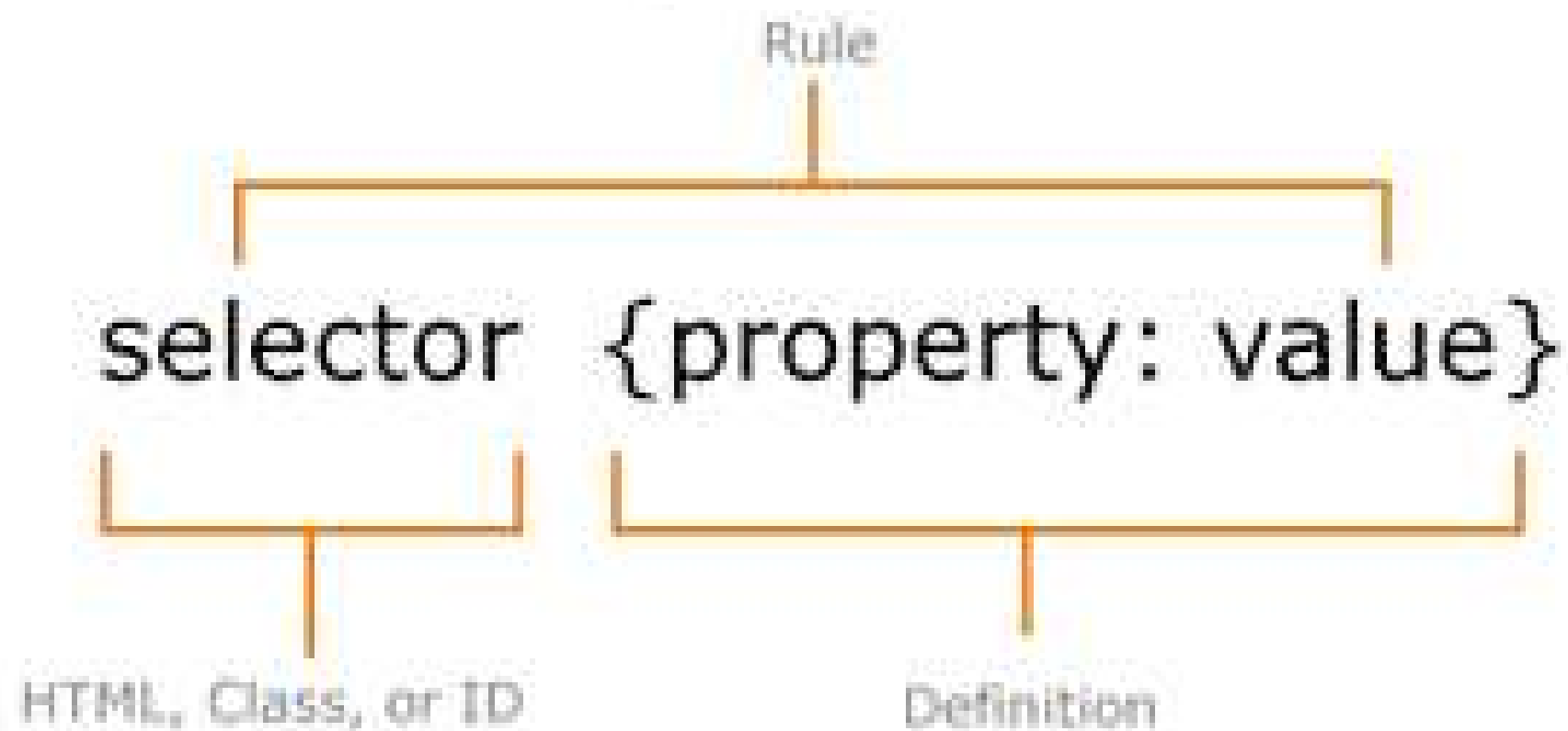
漸進式強化

Qs?

<break />

CSS

Basic Syntax of a CSS Rule





background: #000 url() repeat fixed left top ;

The diagram illustrates the components of the background shorthand property. Brackets are placed under each part of the syntax, with labels above or below them: 'COLOR' under '#000', 'IMAGE' under 'url()', 'REPEAT' under 'repeat', 'ATTACHMENT' under 'fixed', and 'POSITION X Y' under 'left top'. The semicolon at the end is not bracketed.

```
background {  
#000 url() repeat fixed left top;  
}
```

文字

預設字型

windows, mac

階層

cascade

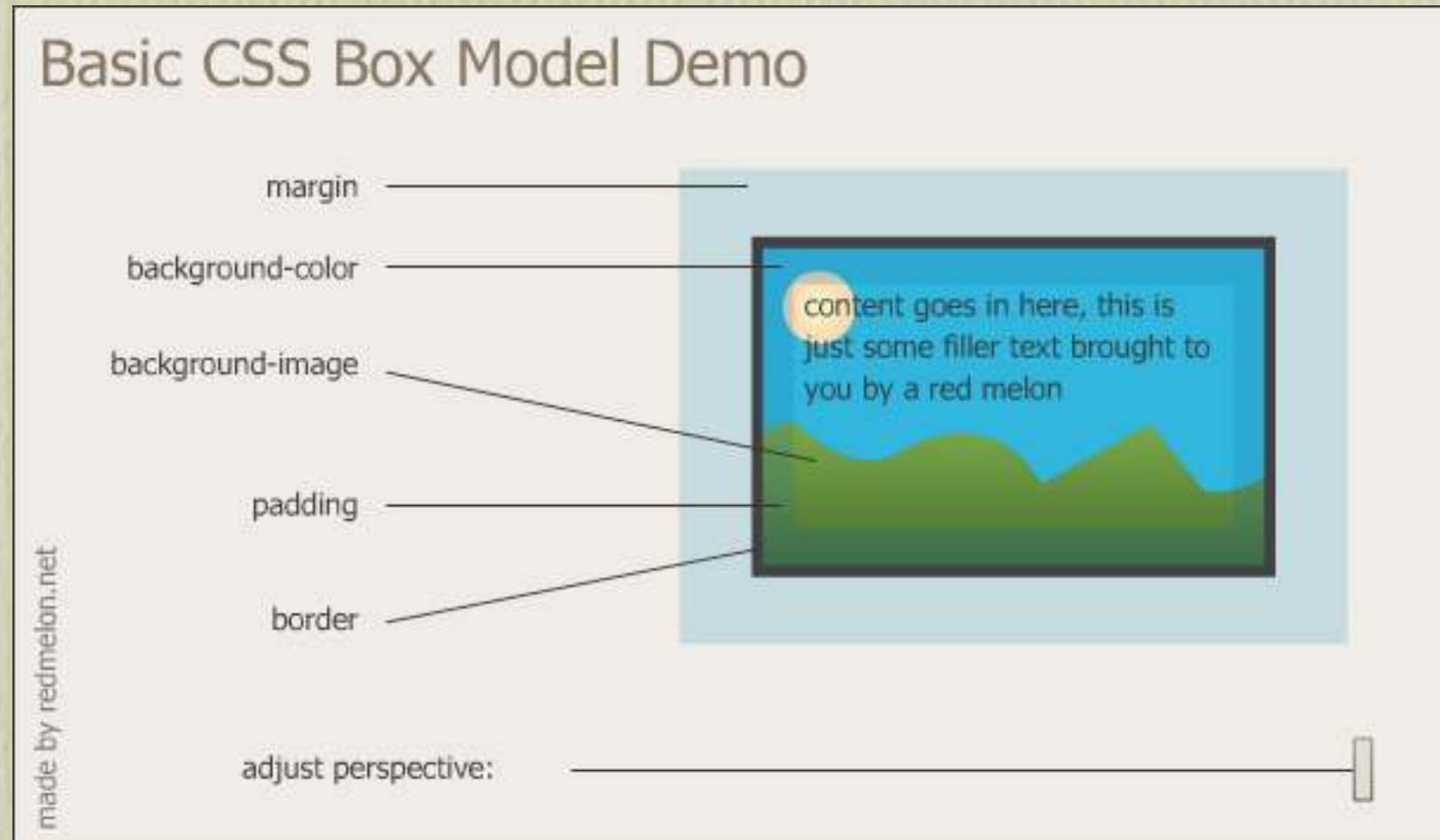
連結

LoVe, HAte

:link, :visited, :hover, :active

區塊

Box Model

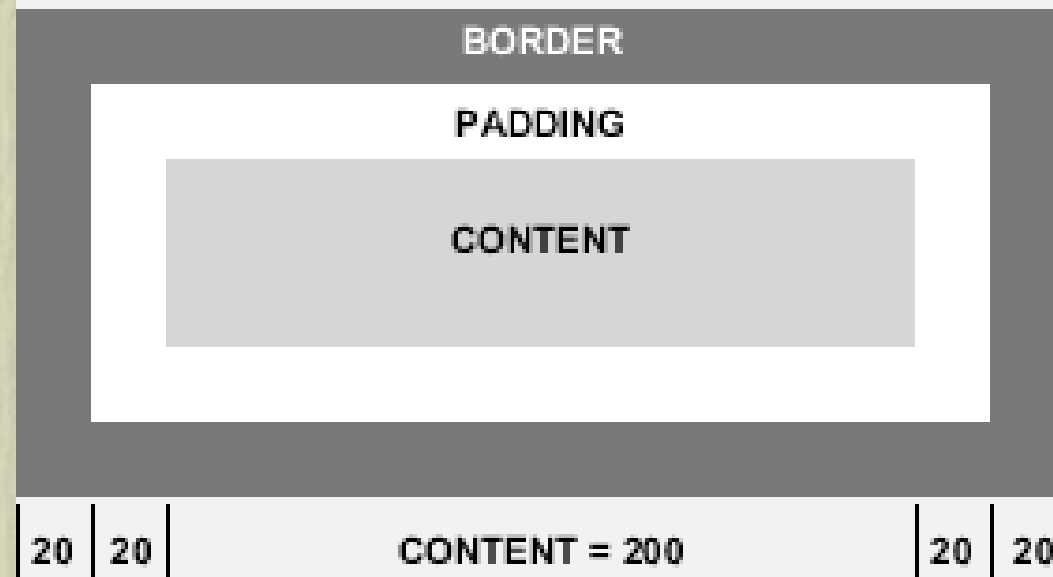


http://www.redmelon.net/tstme/box_model/

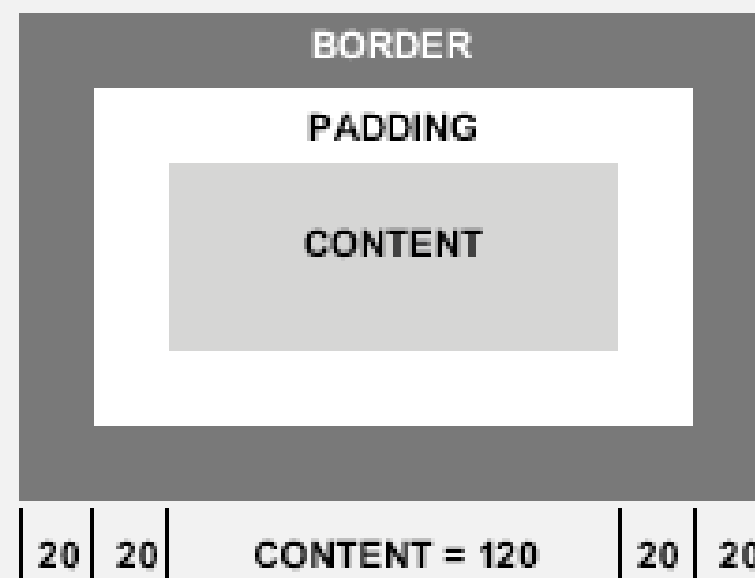
but IE...

```
{ width: 200px; padding: 20px; border: 20px; }
```

CORRECT BOX MODEL - TOTAL WIDTH = 280



IE BOX MODEL - TOTAL WIDTH = 200



quirks mode

backwards compatible mode(IE5.5)
in IE6 & other browsers

quirks

almost standard

strict



mode


```
<?xml version="1.0" encoding="utf-8"?>  
<!-- ... and keep IE7 in quirks mode -->  
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0  
Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/  
xhtml1-strict.dtd">
```


Doctype	NS6	Old Moz	Moz & Safari	Opera 7.5	Opera 7.10	IE 6 & Opera 7.0	Mac IE 5	Konq 3.2
None	Q	Q	Q	Q	Q	Q	Q	Q
Pre-HTML 4.0 doctype eg. <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 3.2 Final//EN">	Q	Q	Q	Q	Q	Q	Q	Q
HTML 4.0 Strict doctype without a URL ie. <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0//EN">	S	S	S	S	A	A	A	A
HTML 4.01 Strict doctype without a URL ie. <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN">	S	S	S	S	A	A	Q	A
HTML 4.0 Strict doctype with a URL ie. <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0//EN" "http://www.w3.org/TR/html4/strict.dtd">	S	S	S	S	A	A	A	A
HTML 4.01 Strict doctype with a URL ie. <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN" "http://www.w3.org/TR/html4/strict.dtd">	S	S	S	S	A	A	A	A
HTML 4.0 Transitional doctype without a URL ie. <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">	Q	Q	Q	Q	Q	Q	Q	Q
HTML 4.01 Transitional doctype without a URL ie. <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">	Q	Q	Q	Q	Q	Q	Q	Q
HTML 4.01 Transitional doctype with the URL http://www.w3.org/TR/html4/loose.dtd ie. <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">	S	S	A	A	A	A	A	Q

模組化寫作技巧

default rules

```
#main { ... }
```


override

```
.theme-sunny #main { ... }
```

add class/id to
<body>
<body id="theme-sunny">...

module

undo.css + default.css + color.css +
form.css + ...

hide

```
@import 'style.css';
```

CSS技術

CSS Layout

<http://barelyfitz.com/screencast/html-training/css/positioning/>

<http://www.positioniseverything.net/articles/onetruelayout>

<http://blog.html.it/layoutgala/>

CSS Rollover

<http://www.stopdesign.com/present/2004/sxsw/hifi/?no=12>

Image Replacement

<http://www.stopdesign.com/present/2004/sxsw/goodbad/?no=3>

Sliding Doors

<http://www.alistapart.com/articles/slidingdoors/>

double rollover

<http://stopdesign.com/present/eg/ap/>

CSS3

css3: generated content module

```
h2 { content: url("banner.png"); }
```

image replacement

media queries

media="screen and (min-device-width: 800px)"

media="not handheld"

border images

safari only now

<http://amonre.org/pub/css/border-image/>

multiple background image

<http://decaffeinated.org/archives/projects/multibg/background-image.html>

<http://event-horizon.twiddles.com/sites/experimental/css3-bg/>

<http://petertoh.com/images/multi-bk.html>

<http://www.alistapart.com/articles/onionskin/>

column

firefox only now

<http://weblogs.mozillazine.org/roc/>

Qs?

<break />

如何標準化

0. 別用IE開發

1. 分析

(網站範例)

2. 清理

javascript, style, font tags, ...

3. 重建架構

- Doctype
- nesting codes
- styles
- remove layout tables
- delete attributes

4. 驗證

樣板系統

Good Template

- Dreamweaver測試
- 簡單
- 可以通過驗證
- 有cache機制
- 修改容易

php

- Smarty
- Flexy
- PHPTAL

multiple IEs

http://labs.insert-title.com/labs/Multiple-IEs-in-Windows_article795.aspx

<http://weblogs.asp.net/jgalloway/archive/2005/12/28/434132.aspx>