

永不止步的“重构”

Kejun / @kejnz / blog.hikejun.com

designing with
web standards

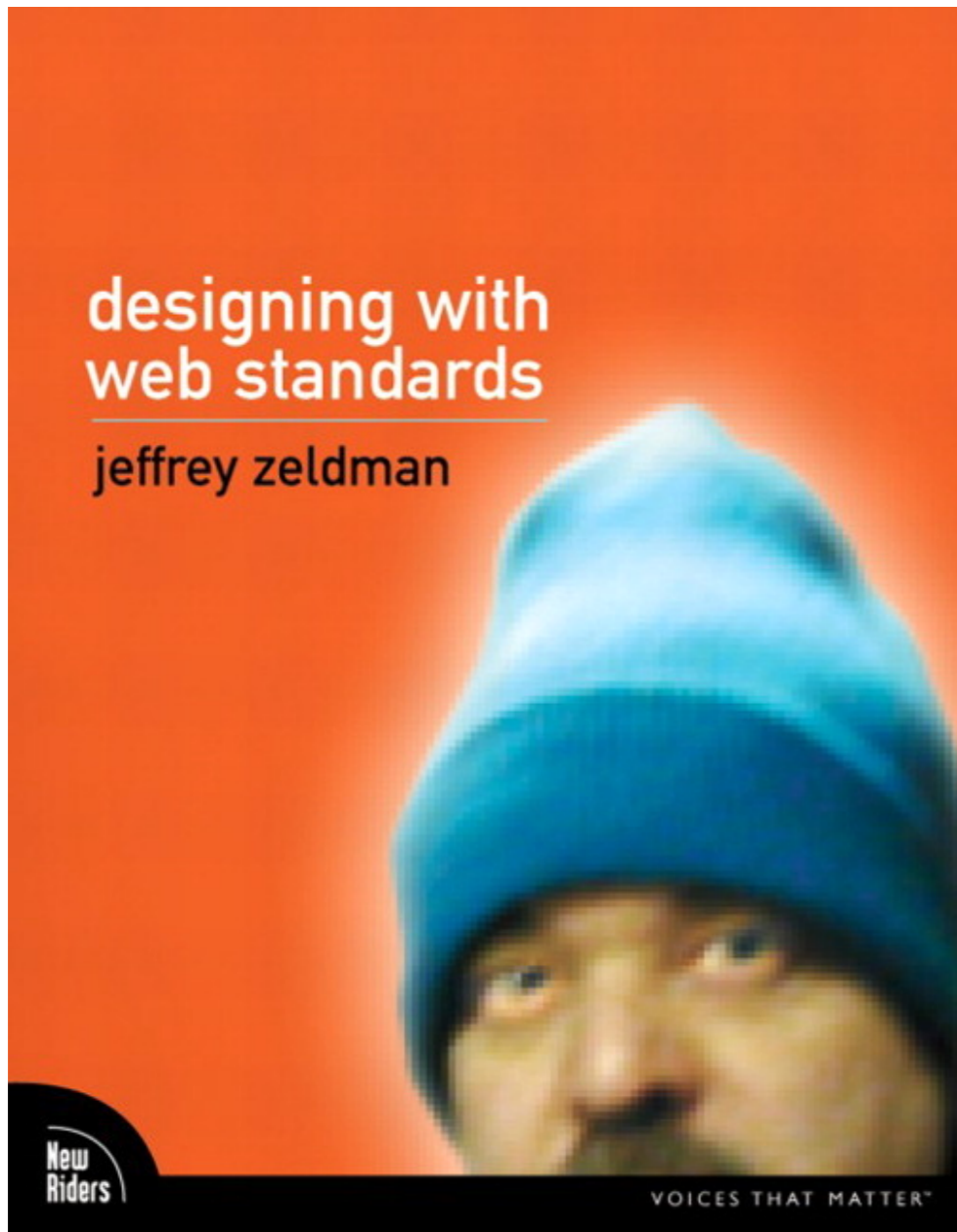
jeffrey zeldman



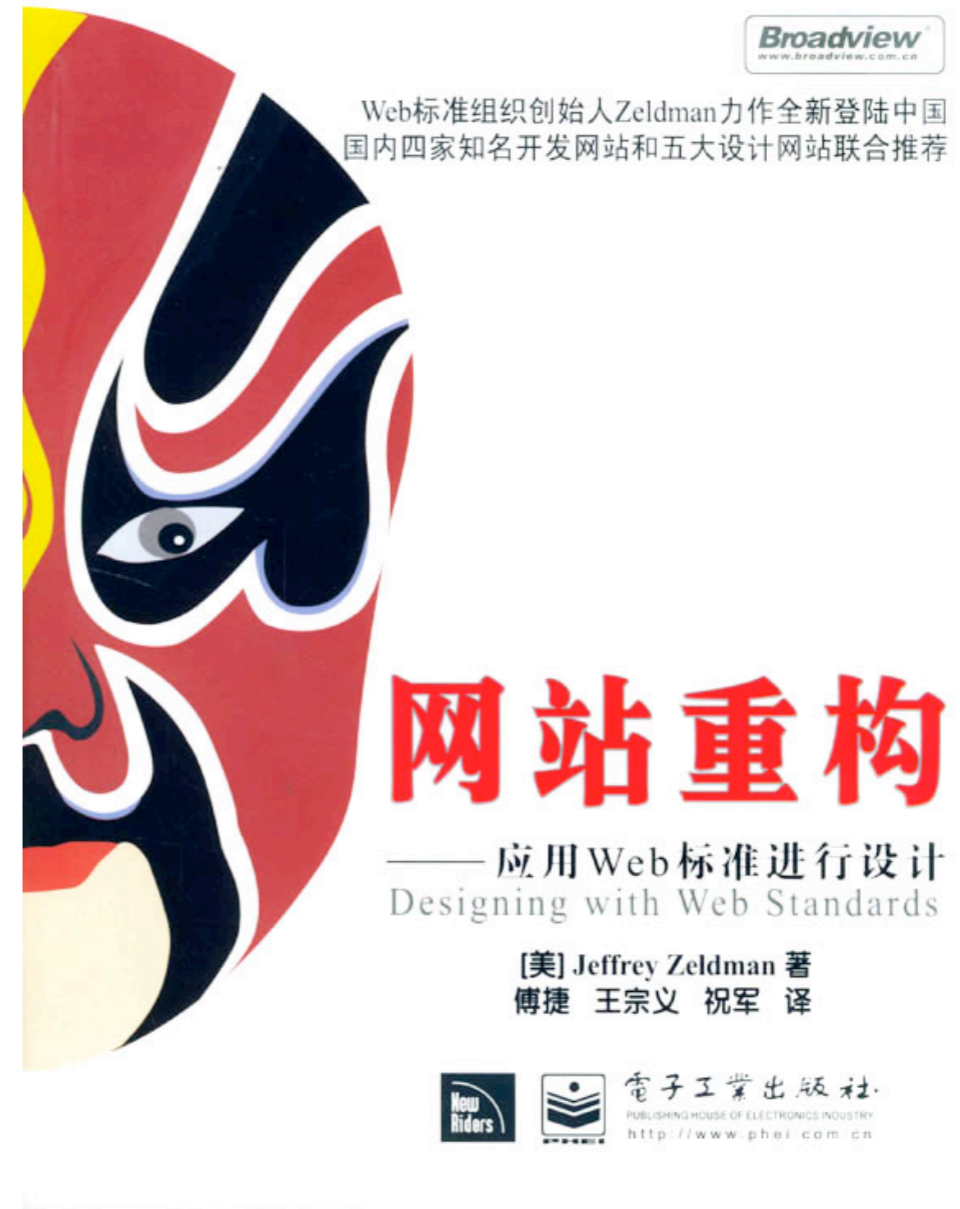
New
Riders

VOICES THAT MATTER™

05/14/2003



05/14/2003



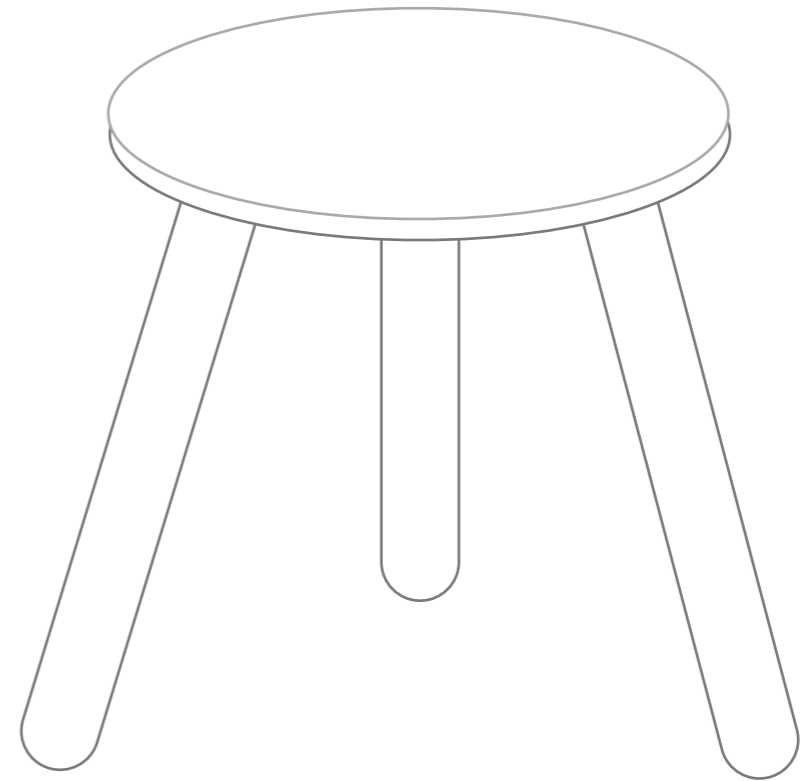
中文版 - 05/2004

7年前, 让我们知道.....

HTML是用来结构化内容

CSS是用来实现内容的视觉效果

Javascript是用来实现用户的交互行为



正确应用HTML / CSS / Javascript
构建灵活、稳定、扩展性更强的网站前端



- 技术和技术应用
- 理论、理念、技术、技巧、规范、规则



通过一些hack手段,
仅仅解决眼前的问题是远远不够的.....
(虽然看起来充满智慧)



1. 那些没有扭转过来的观念
2. 技巧和技术－被忽视的基本原理
3. 今天的重构观念

HTML是用来结构化内容, 而不是结构化UI **+10086**

但是.....


```
▼ <div class="colM">
  ▶ <div class="content">
    <span class="dotLine"></span>
    <span class="blank12"></span>
  ▶ <div class="content">
    <span class="dotLine"></span>
    <span class="blank12"></span>
  ▶ <div class="content">
    <span class="dotLine"></span>
    <span class="blank12"></span>
  ▶ <div class="content">
</div>
```

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    <span class="blank12"></span>
  <div class="content">
</div>
```

```
<div class="MIB_assign">
  <div class="MIB_asarrow_l"></div>
  <div class="MIB_assign_t"></div>
  <div class="MIB_assign_c MIB_txtbl">
    <p class="source" type="2" mid="2011101301521470905">
      <div id="prev_2011101301521470905" class="feed_preview">
        <div class="feed_img">
          <div class="clear"></div>
        </div>
        <div class="feed_att MIB_linkbl MIB_txtbl">
          <div class="lf">
            <div class="rt">
          </div>
        </div>
      </div>
    <div class="MIB_assign_b"></div>
  </div>
```

```
<div class="colM">
  <div class="content">
    <span class="dotLine"></span>
    <span class="blank12"></span>
  <div class="content">
    <span class="dotLine"></span>
    <span class="blank12"></span>
  <div class="content">
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    <span class="blank12"></span>
  <div class="content">
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```

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        </div>
        <div class="feed_att MIB_linkbl MIB_txtbl">
          <div class="lf">
            <div class="rt">
          </div>
        </div>
      </div>
    <div class="MIB_assign_b"></div>
  </div>
```

```

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          <div class="clear"></div>
        </div>
        ▼ <div class="feed_att MIB_linkbl MIB_txtbl">
          ▶ <div class="lf">
          ▶ <div class="rt">
          </div>
        </div>
      </div>
    <div class="MIB_assign_b"></div>
  </div>

```

```

▶ <li id="mid_5605761096215244641" class="MIB_linedot_l">
▶ <li id="mid_5605339287301040892" class="MIB_linedot_l">
▶ <li id="mid_5604958018761469045" class="MIB_linedot_l">
▶ <li id="mid_5600446224512370602" class="MIB_linedot_l">
▶ <li id="mid_5600442582211958339" class="MIB_linedot_l">
▶ <li id="mid_231110320230613733" class="MIB_linedot_l">
▶ <li id="mid_231110320231248624" class="MIB_linedot_l">
▼ <li id="mid_2011101301521470905" class="MIB_linedot_l">

```



```

<div class="colM">
  <div class="content">
    <span class="dotLine"></span>
    <span class="blank12"></span>
  <div class="content">
    <span class="dotLine"></span>
    <span class="blank12"></span>
  <div class="content">
    <span class="dotLine"></span>
    <span class="blank12"></span>
  <div class="content">
</div>

```

```

<div class="MIB_assign">
  <div class="MIB_asarrow_l"></div>
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  <div class="MIB_assign_c MIB_txtbl">
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        <div class="feed_img">
          <div class="clear"></div>
        </div>
        <div class="feed_att MIB_linkbl MIB_txtbl">
          <div class="lf">
            <div class="rt">
          </div>
        </div>
      </p>
    </div>
    <div class="MIB_assign_b"></div>
  </div>

```

```

<li id="mid_5605761096215244641" class="MIB_linedot_l">
<li id="mid_5605339287301040892" class="MIB_linedot_l">
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<li id="mid_5600442582211958339" class="MIB_linedot_l">
<li id="mid_231110320230613733" class="MIB_linedot_l">
<li id="mid_231110320231248624" class="MIB_linedot_l">
<li id="mid_2011101301521470905" class="MIB_linedot_l">

```

```

<div id="QM_Main_Container" class="lay_col bg4 clearfix">
  <div class="col_menu">
    <div id="QM_Container_11" class="collet_box fn_profile">
    <div id="QM_Container_12" class="collet_box fn_accessLog">
    <div id="QM_Container_13" class="collet_box fn_myLike">
  </div>
  <div class="col_main lbor bg">

```

1. 从表现出发设计HTML结构

如：``, ``

2. 样式和内容分离不彻底

如：`<div class="lay_col bg4 clearfix">`, `<li class="MIB_linedot_l">`, `<div class="feed_att MIB_linkbl MIB_txtbl">`

3. 大小写混用

如：`<div id="QM_Container_11" class="collet_box fn_myLike">`

4. 混乱! 混乱!



<http://www.bhwdj.com/14/89.html>

普通成员



贾凶拍AV
(广州)



蓝西
(南宁)



Northern Soul
(上海)



天空控



spy-B
(南昌)



努力去征服
(成都)



淡淡玉兰香
(上海)



再重来怎么精彩
(北京)



感情的宣泄
(成都)



诚实的依靠
(上海)



男人走猫步
(北京)



y丝不屑
(石家庄)

```
<div id="sp-followers" class="mod">
  <div class="hd">
  <div class="bd">
    <ul class="list-s">
      <li>
        <div class="pic">
        <div class="info">
      </li>
      <li>
        <div class="pic">
        <div class="info">
      </li>
      <li>
        <div class="pic">
        <div class="info">
      </li>
      <li>
        <div class="pic">
        <div class="info">
      </li>
      <li>
      <li>
      <li>
      <li>
      <li>
      <li>
```

1. 结构清晰
2. 可读性好
3. 模式复用
4. 灵活稳定

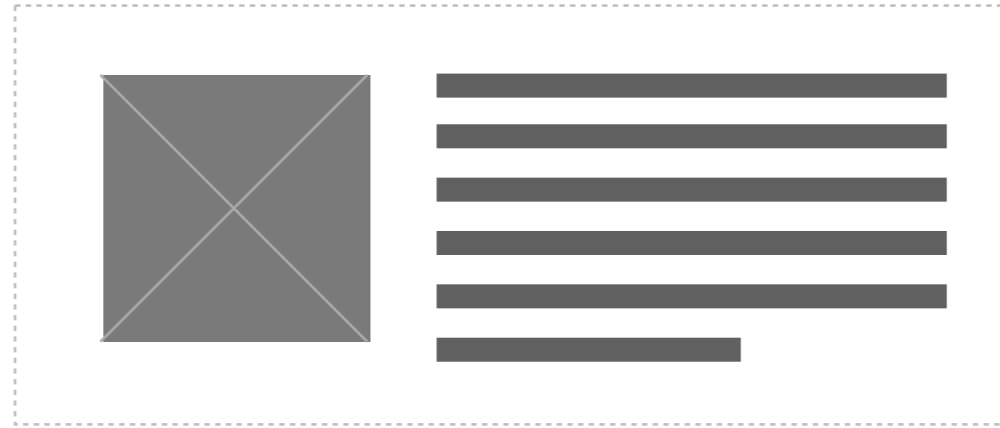
```
<div id="____" class="____">
```

HTML中“类”和“对象”的概念

```
<div id="db-tribe-members" class="mod">...</div>  
<ul class="list member-list">...</div>
```

类：div.mod, ul.list, ul.member-list。抽象的信息元素

对象：div#db-tribe-members。页面中具体的模块





二十号利比亚局势出现了重要转折，执政当局确认利比亚前领导人卡扎菲在当天执政当局武装攻占苏尔特的战斗当中被

捕获，随后因伤重不治身亡...

[详细 >](#)

```
<table>
```

```
<tbody>
```

```
<tr>
```

```
<td class="imgtd" valign="top">
```

```
<a mon="ct=0&a=27&c=mil" target="_blank" href="http://www.jfdaily.com/a/2368238.htm">
```

```
</td>
```

```
<td valign="top">
```

二十号利比亚局势出现了重要转折，执政当局确认利比亚前领导人卡扎菲在当天执政当局武装攻占苏尔特的战斗当中被捕获，随后因伤重不治身亡...

```
<a class="detail" mon="ct=0&a=27&c=mil" target="_blank" href="http://www.jfdaily.com/a/2368238.htm">
```

```
</td>
```

```
</tr>
```

```
</tbody>
```

```
</table>
```

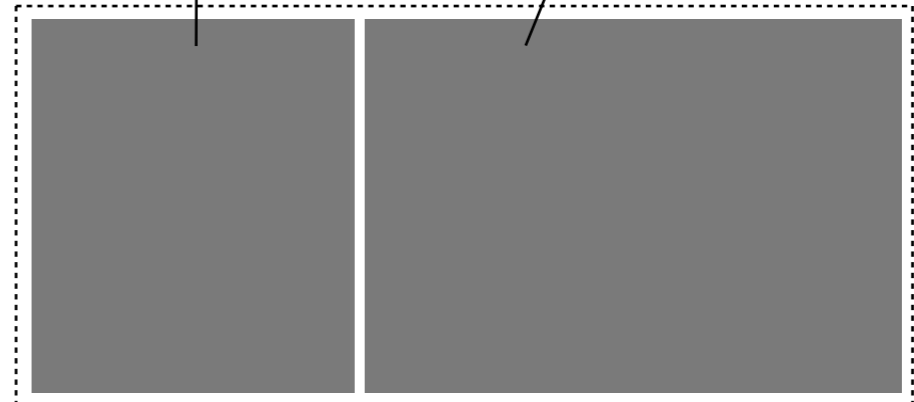


Gossip_素香控：#OP语录#山治：呼~我刚才只是想借个火点烟！
3分钟前

```
<div class="twit_item MIB_linedot2">  
  <div class="twit_item_pic">  
  <div class="twit_item_content">  
</div>
```

float:left;
width:66px;

float:left;
width:316px;



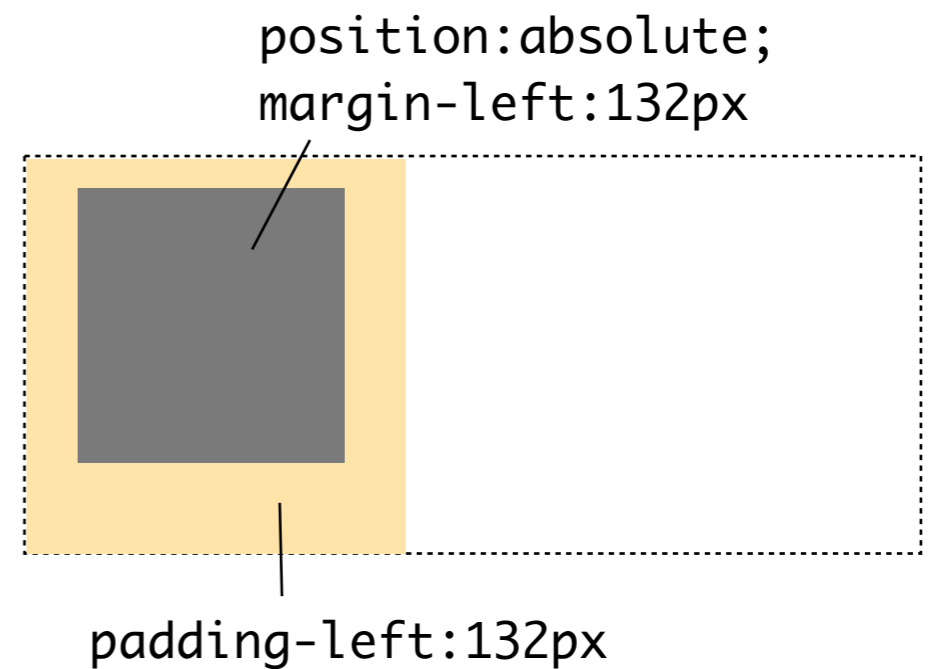


史密斯抵上海美女接机

JR-史密斯携19件行李抵浦东机场

- 中超-帕切科遭停赛5场罚款25000元
- NBA-劳资谈判破裂!30小时打水漂
- 张尚武炮轰陈一冰 陈一冰:望他更好
- 知名兴奋剂卖家曝博尔特恐服禁药

```
<div class="imgText-temp-1 dotline clearfix">
  <div class="mod-img main-img">
    <a href="http://[redacted]/photoview/4E9G0005/73410.html">
  </div>
  <h3 class="main-title">
  <ul class="mod-list main-list">
    <li>
    <li>
    <li>
    <li>
  </ul>
</div>
```



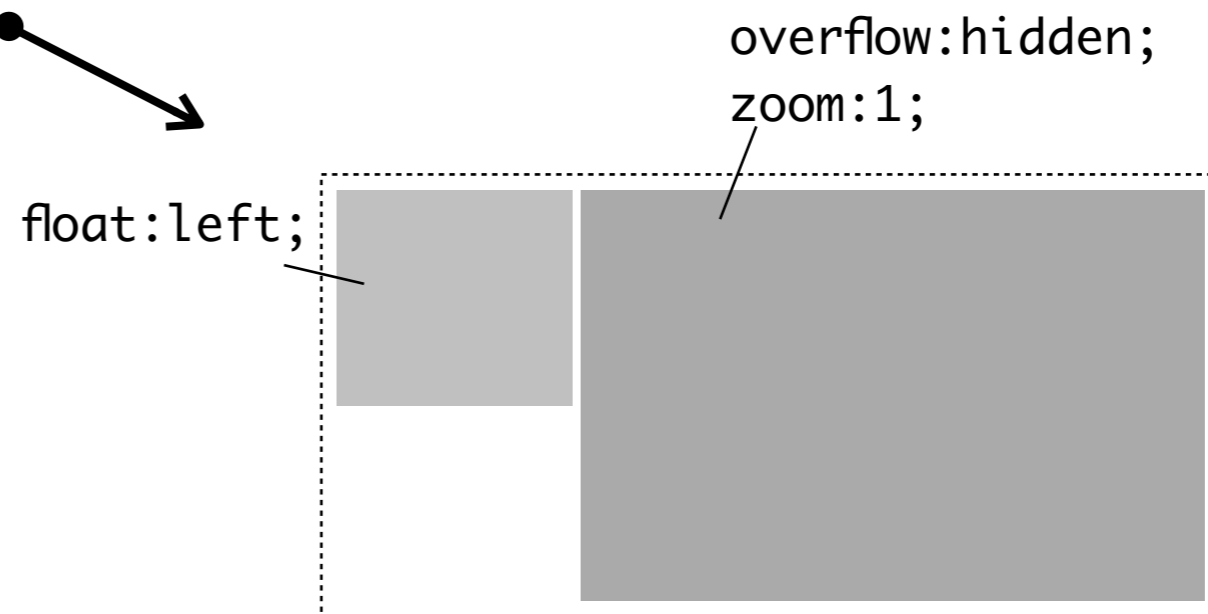
block格式化上下文 (block formatting context)

满足下面条件就会形成一个block格式化上下文

1. float不为none
2. overflow不为visible (IE6无效)
3. display设为'table-cell', 'table-caption', 或'inline-block'
4. position既不是static也不是relative
5. IE的hasLayout特性会建立一个新的block formatting context

block formatting context的特性：

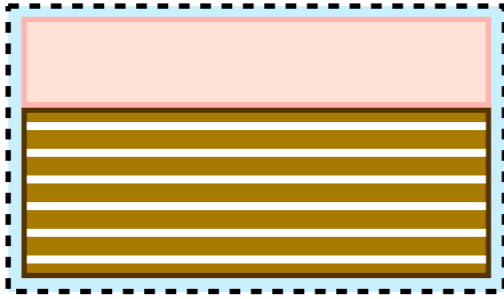
1. 不存在collapsing margins问题
2. 边缘不会和float box重叠

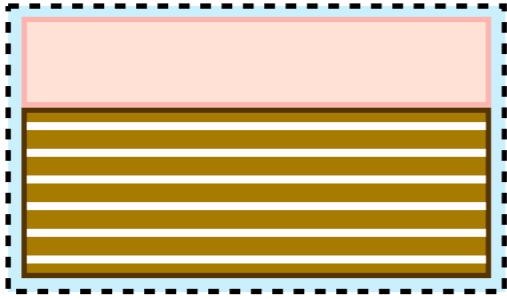


```
<div class="list">
<ul>
<li>
  <div class="pic">
    <a...><img...></a>
  </div>
  <div class="content">...</div>
</li>
...
</ul>
</div>
```

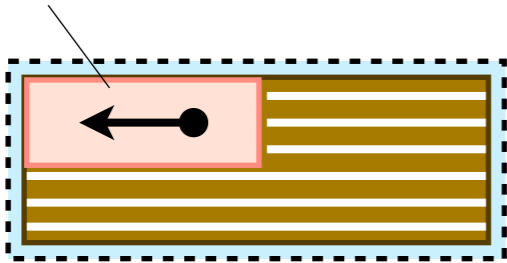
```
.list .pic {
  float: left;
  margin-right: 10px;
}

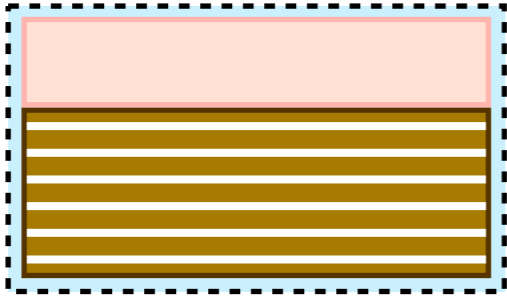
.list .content {
  overflow: hidden;
  zoom: 1;
}
```



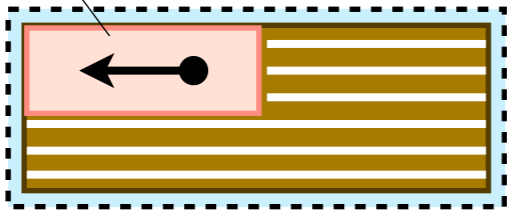


```
.list .pic { float:left; }
```



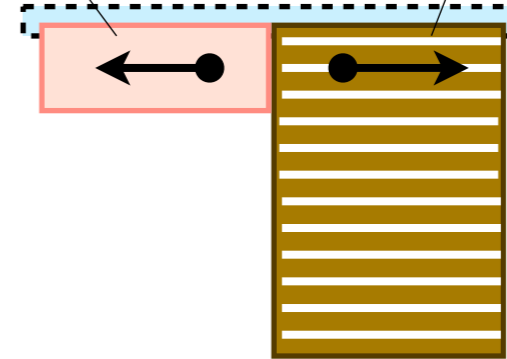


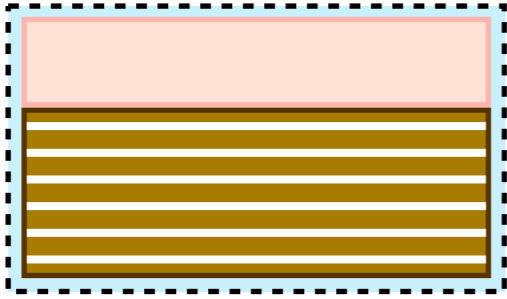
```
.list .pic { float:left; }
```



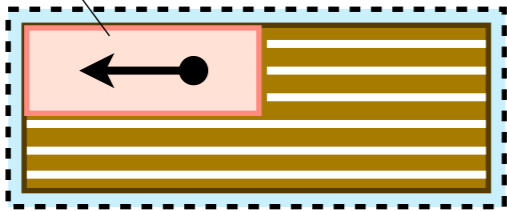
— 寻求解法 —>

```
.list .pic {  
  float:left;  
  width:160px;  
}  
.list .content {  
  float:right;  
  width:300px; /* Bad */  
}
```



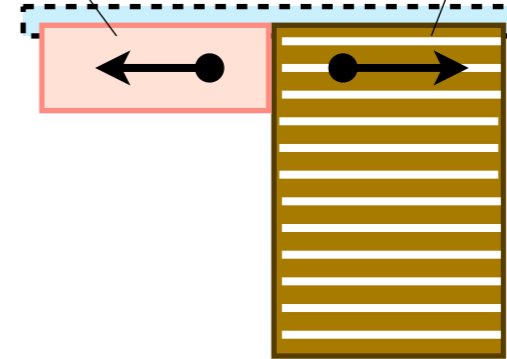


```
.list .pic { float:left; }
```

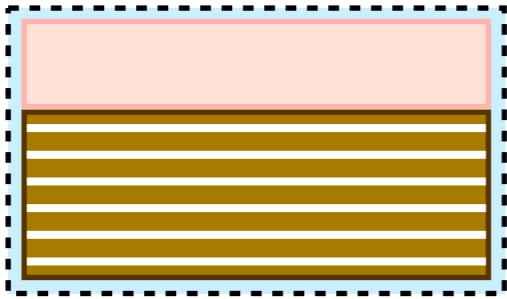


—— 寻求解法 ——>

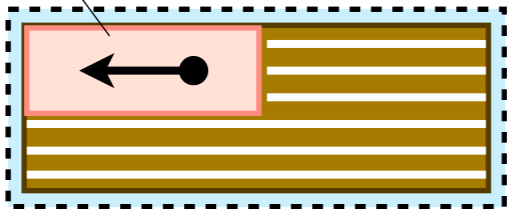
```
.list .pic {  
  float:left;  
  width:160px;  
}  
.list .content {  
  float:right;  
  width:300px; /* Bad */  
}
```



—— 其它解法 ——>

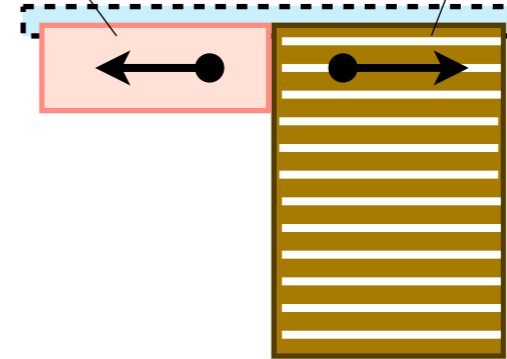


```
.list .pic { float:left; }
```



—— 寻求解法 ——>

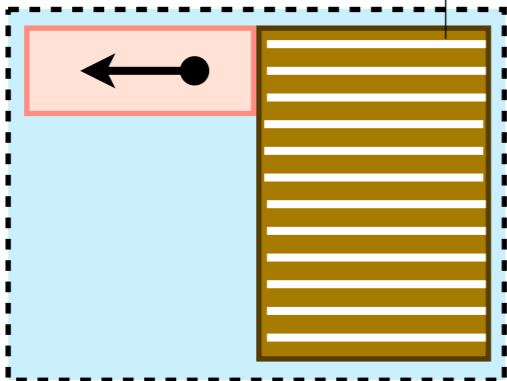
```
.list .pic { float:left; width:160px; }  
.list .content { float:right; width:300px; /* Bad */ }
```

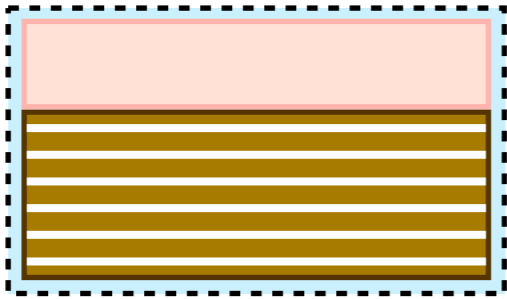


—— 其它解法 ——>

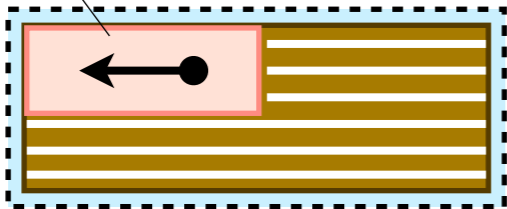
触发BFC

```
.list .content { overflow: hidden; zoom: 1; /* for IE6/7*/ }
```



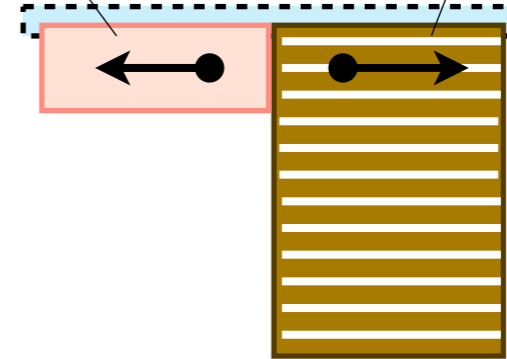


```
.list .pic { float:left; }
```



—— 寻求解法 ——>

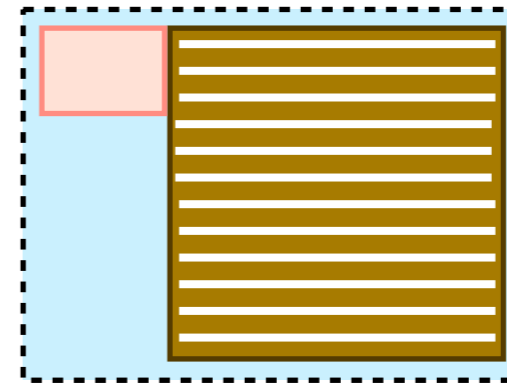
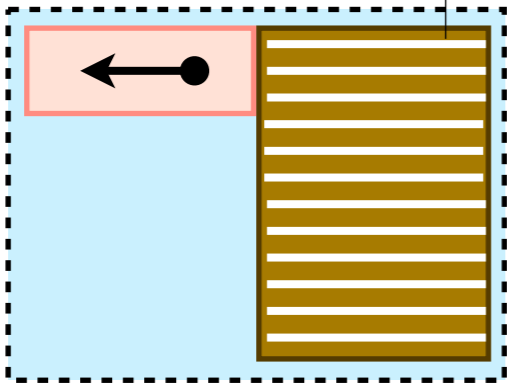
```
.list .pic { float:left; width:160px; }
.list .content { float:right; width:300px; /* Bad */ }
```

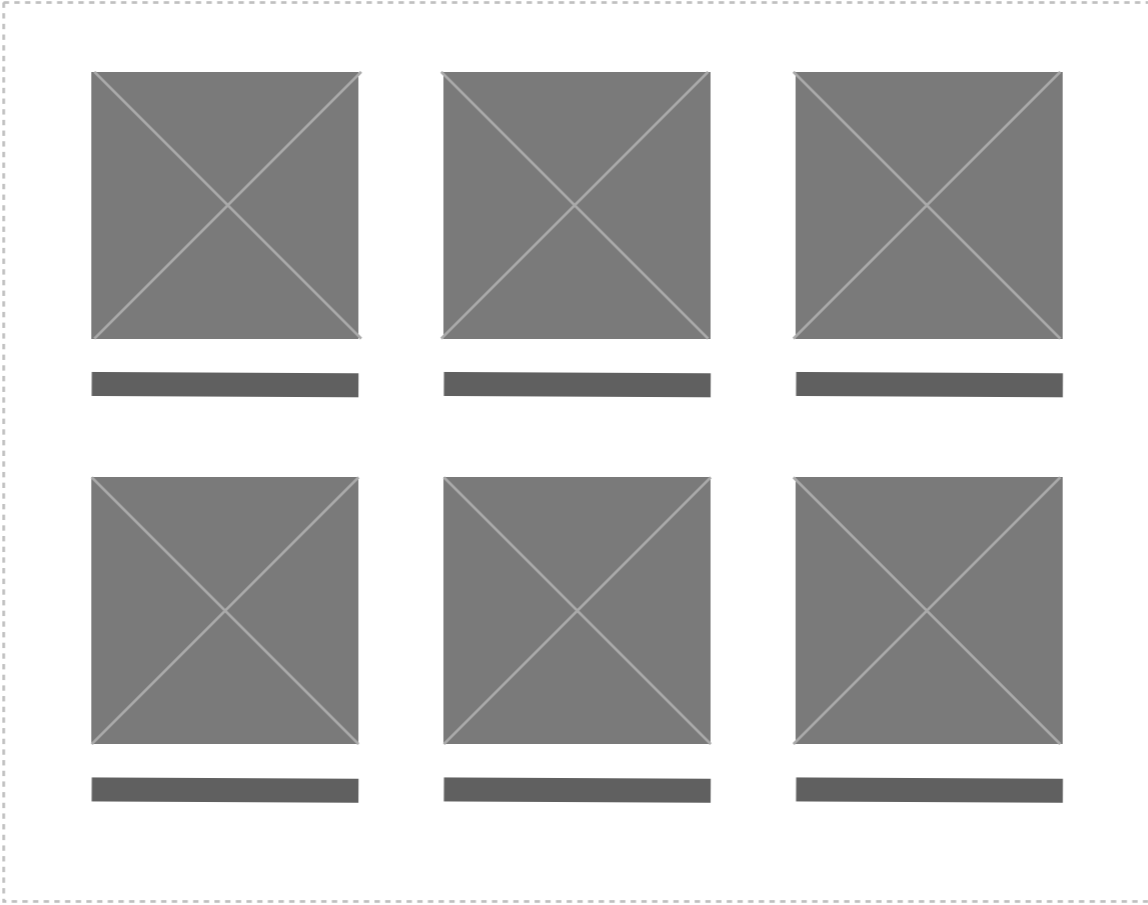


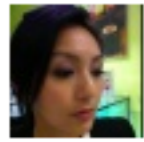
—— 其它解法 ——>

触发BFC

```
.list .content { overflow: hidden; zoom: 1; /* for IE6/7*/ }
```



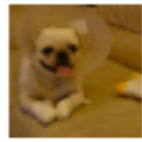




楊千嬅



VanNess吳



陳嘉上Gorc



黃百鳴



伊能靜



莫少聰



王力宏



David王大爺



濱崎步

```
<ul class="userlist">
  > <li>
  > <li>
  > <li>
  > <li>
  > <li>
  > <li>
  > <li>
  > <li>
  > <li>
  > <li>
```

```
.manlist .userlist li {
  float: left;
  height: 70px;
  margin-right: 10px;
  overflow: hidden;
  padding: 11px 0 0;
  text-align: center;
  width: 60px;
}
```

- ① 限定宽高不够灵活, 内容不能完全展现
- ② floats suck. CSSLint warning: floats>10次

inline-block替代float

```
.list {  
  letter-spacing: -0.31em;  
  *letter-spacing: normal;  
  word-spacing: -0.43em;  
}
```

① 解决inline box的空格问题

```
.list li {  
  display: inline-block;  
  *display: inline;  
  zoom: 1;  
  vertical-align: top;  
  letter-spacing: normal;  
  word-spacing: normal;  
}
```

② 兼容IE6/7的inline-block写法

CSS inline-block - Recommendation

Method of displaying an element as a block while flowing it with text.

Resources: [Blog post w/info](#) [Info on cross browser support](#)

Global user stats* :

Support:	89.3%
Partial support:	6.43%
Total:	95.73%

Show all versions	IE	Firefox	Chrome	Safari	Opera	iOS Safari	Opera Mini	Opera Mobile	Android Browser
3 versions back	6.0	4.0	12.0	3.2	10.6	3.2			
2 versions back	7.0	5.0	13.0	4.0	11.0	4.0-4.1		10.0	2.1
Previous version	8.0	6.0	14.0	5.0	11.1	4.2-4.3		11.0	2.2
Current	9.0	7.0	15.0	5.1	11.5	5.0	5.0-6.0	11.1	2.3 3.0
Near future		8.0	16.0		12.0				4.0
Farther future	10.0	9.0	17.0	6.0	12.1				

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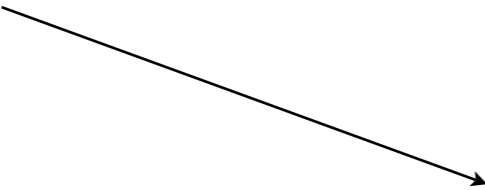
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```
▼ <div class="mod more-events">  
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      ▶ <li>  
      ▶ <li>
```

所有类型 音乐/演出



Floats Suck

一堆float box在一起总是很麻烦.....

Incorrect Float Shrink-Wrap Bug

Float Squeeze Weird Gap Bug

Float Squeeze Duplicate Last Character Bug

Image Float Bullet Chaos Bug

Staircase Bug

Double Margin Bug

Italics Float Bug

3px Jog Bug

Scared of Floats Bug

Escaping Floats Bug

IE6 Peekaboo Bug

.....

www.positioniseverything.net

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善于用它的特性解决问题,
同时懂得避免风险才是真正的智慧



📷 10月21日20:02 · *



📷 10月18日2:47 在 Palo Alto 发布 · *

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道为术之灵，术为道之体；
以道统术，以术得道；
有道无术，术尚可求；
有术无道，止于术。

今天就不说他们了.....

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