

HTML, CSS

HTML, CSS

1. Markup

Markup

Markup

- HTML :
- XML :
- XHTML : HTML XML
HTML
HTML

XHTML 2.0, HTML 5 => HTML 5

2. HTML

```
<!DOCTYPE HTML>
<html>
  <head>

    <title>
    </title>
  </head>
  <body>

  </body>
</html>
```

HTML

```
<a href="http://www.daum.net"><Daum></a>
- a=> (Element)
- href => (Attribute)
- "http://www.daum.net" => (Value)
```

```
HTML    <!-- -->
        .
```

3. DTD

```
DTD      (Quirks mode)
        .
```

Quirks mode

DTD

```
(Validation)
(X)Html  (Markup Validation)
W3C Markup Validation Service

(X)HTML DTD
Strict : HTML
Transitional : strict
Frameset : Transitional frameset(iframe, frame)
```

```
HTML vs XHTML
XHTML : markup namespace ..
```

HTML XHTML

1. XHTML DTD .
- 2 XML .
3. . , '>'
4. .
5. .
6. .
7. text URL, script ('<', '>', '&') escape .

VS

- :
- :
- img

```

.
<a><h1></h1></a> => X
<h1><a></a></h1> => O

```

4. HTML

title

-
- head
- .
- title .

- head
- (X)
- machine() (metadata)
- , (MIME), ,

, ,

1. h1 ~ h6 (heading tag)

-
- 1~6 , ex) h1 h3 (x)
- h1

2. P

-
- ()

3. br

-
- ()
- br , .

4. hr

- css hr .
- .
- , .

1. ul, ol, li

-
-
- ul
 1. (unordered list)
 2. bulleted list
 3. li
- ol
 1. (ordered list)
 2. numerical or alphabetical list
 3. li
- li
 1. (list item)
 2. .

2. dl, dt, dd

```

-
-      ,

- dl
    1.      (definition list)
    2.
    3. dt   dd

- dt
    1.      (definition term)
    2.
    3.

- dd
    1.      (definition description)
    2.
    3.      ,
    4.
    5.      dd

<dl>
    <dt>
        <dd></dd>
    </dt>
</dl>

```

3. table

-
- , ,
- table .
- caption
 - 1.
 - 2.
- thead, tfoot, tbody
 - 1.
 2. thead : / tfoot : / tbody :
 - 3.
 4. tfoot thead ,
- colgroup
 - 1.
 2. table caption (thead, tfoot, tbody)
 - 3.
- col
 -
 - class , IE
 - Firefox, Chrome border, background, width

```

1. a
  -
  - ( )
  - a href #name(id)
    name id .

    - href :
    - name, id :
    - title : , title

    - target :
      _blank: , _parent, _top, framename( : self)

2. img
  -
  - , ( )

    - alt :
    - width, height : ..., /
    - longdesc : alt
    - src :

3. map
  -
  - ...

```

```

1. em
  - ,

2. strong
  - ,

```

```

1. div
  -

2. span
  -

```

```

-
- action :    URL
- method :
    1. get : url ?
    2. post : http    ,

- input :
    input type="image" (src alt ) :    ..
    disabled :
    readonly :

- textarea, select, option
- button :
- label : for id    , for
    .
- fieldset :    , fieldset, legend    .
- legend : fieldset    , fieldset

(Semantic Markup)
-    HTML

```

5. CSS

SELECTOR

1.
 -
2. ID, Class
 - id #id
 - class .
3.
 - HTML CSS
 - IE6 a(Anchor) Tag
 - a:link{color : blue;}
 - a:hover {color : red;}
 - a:visited {color : blue;}
 - a:active {color : blue;}

1.
 - ul li {}
 - .list_item .first {}
2.
 - ul > li {} (ul)
3.
 - ul + ol {} (ul ol)

```
-  
  
ex)  
<style type="text/css">  
  .tit_name {color : red;}  
  h3 {color : green;}  
  #titName {color : blue;}  
</style>  
  
<h3 id="titName" class="tit_name" style="color:yellow;"> </h3>  
  
in-line > id > class > type  
  
style      !important  
  
- in-line  
  -  
  
- internal  
  - head  
  
- External  
  - css
```

CSS

```

- em, % ( )
  -
  -

ex)
.wrap {font-size:2em}
.wrap p {font-size:1em}

<div class="wrap">

    <p></p>
</div>

p 1em    wrap 2em 1em

- px, pt ( )
  - 1

,

```

FONT

```

- text-indent :      (10px, -10px)
- text-decoration : , ,

```

Padding & margin

```

- padding :      px, px, px, px
- margin :      px, px, px, px
- margin > border > padding> content

- margin : px px
- margin : {margin:20px auto};

```

BACKGROUND

```

- background-color : transparent()
- background-repeat : no-repeat ( )
  repeat-x ( ), repeat-x ( ), repeat( )

```

DISPLAY

- display : none :
- display : block : block
- display : inline-block : width, height, margin, padding
- overflow : visible ()
- overflow : hidden
- overflow : scroll
- overflow : auto visible scroll
- overflow-x:hidden, overflow-y:auto =>

FLOAT

- block (display:block)
- block (left, right)
- float : inherit (: float)
- float : left
- float : right
- float : none

CLEAR

- float

POSITION

- float , , ()
- position : static (, offset)
- position : relative (,)
- position : absolute (,) , .
- position : fixed (, ie6) .

Z-INDEX

-
-
- z-index () .

FLOAT Example

BOX 1

BOX 2

BOX 3

BOX 1 float : right

BOX 2	BOX 1
BOX 3	

BOX 1 BOX2 1

BOX 1 float : left

BOX 1
BOX 3

BOX 1 block BOX2

6. CSS

```
- : , .
- Header : , ,
- Nav :
- content :
- side :
- Footer :

* clear : both; float
```

```
-
- background-position (CSS- SPRITES)
```

IR

```
- image Replacement(IR)
-
- CSS Sprites
- Daum
```

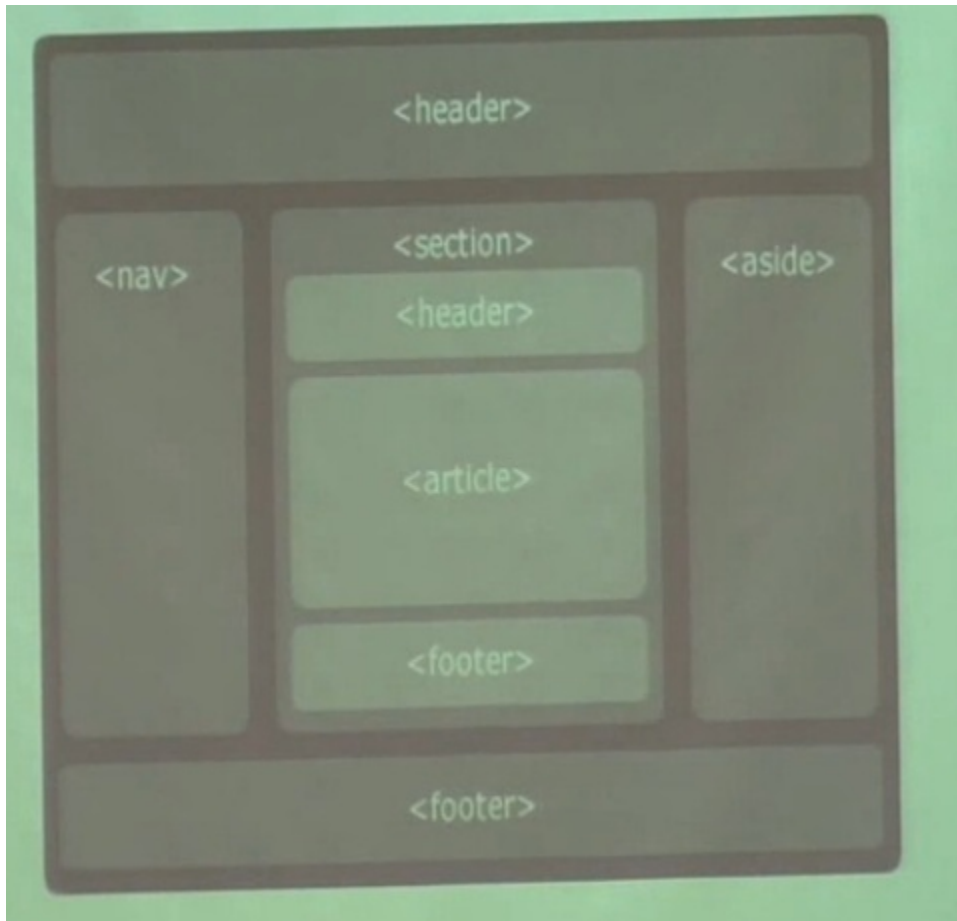
7. HTML5 & CSS3

HTML5

- HTML 4, XHTML 1
-
-

DOCTYPE

```
<!doctype html>
<html>
  <head>
    <meta charset="UTF-8">
    <title></title>
  </head>
  <body>
    </body>
</html>
```



1.

- `<section>` :
- `<header>` :
- `<footer>` :
- `<nav>` : ()
- `<article>` : ()

2.

- <aside> : (, , ,)
- <figure> : , ()
- <dialog> :

3.

- <mark> : ()
- <meter> : (, ,)
- <time> :
- <progress> : ()

4.

- <video> : (UI API)
- <audio> : (UI API)

5.

- <details> : ()
- <datagrid> : (, ,)
- <menu>, <command> : menu command ()

6. HTML 5

- acronym, applet, basefont, big, center, dir, font, frame, frameset, isindex, noframes, noscript, s, strike, tt, u
- Time(,)
 <time>5:35 P.M on April 23rd</time>
- Meter()
 <meter>60%</meter>, <meter>3/5</meter>
- Progeress()
 <progress value="1534602" max="4603807">33%</progress>

- <input type="search"> :
- <input type="number"> : input
- <input type="range"> :
- <input type="color"> : color picker
- <input type="tel"> :
- <input type="url"> : URL
- <input type="email"> :
- <input type="date"> :
- <input type="month"> :
- <input type="week"> :
- <input type="time"> :
- <input type="datetime"> : date+time stamps
- <input type="datetime-local"> :
- <canvas> : Graphics Canvas
- <video & audio> : codec ,

- <Local storage /DB >
 - Session Storage Local Storage
 - Session Storage
 - session data
 - Local Storage

- <Geolocation API > : : , , , , , ,
- Script API
- <Web Worker > : task

8. CSS3

Border Radius

-

Box Shadow & Text Shadow

-

RGBA

@Font-Face

- .. ttf eot

Text-Overflow

- text ..

Gradients

- background : -gradient

Transitions

- margin-left, margin-right

Transforms

- rotate, scaleX, translate3d, perspective

Animations

- pulse from, to .

CSS3 Selectors

- :first-child()
- :nth-child()
- w3c reference

9. Dough UI framework

```
class type      UI .  
...
```