FORMAL PUBLIC IDENTIFIER

```
<!DOCTYPE html
    PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
    "http://www.w3.org/TR/xhtml1/DTD/xhtml1-frameset.dtd">
```

DOCUMENT STRUCTURE

html
```
CM: (head, body)
AT: %i18n;, id, xmlns
```

DOCUMENT HEAD

%head.misc
```
(script | style | meta | link | object | isindex)
```

head
```
CM: (%head.misc;,
    ((title, %head.misc;,
      (base, %head.misc;)?) |
     (base, %head.misc;,
      (title, %head.misc;))))
AT: %i18n;, id, profile
```

title
```
CM: (#PCDATA)
AT: %i18n;, id
```

base
```
CM: EMPTY
AT: id, href, target
```

meta
```
CM: EMPTY
AT: %i18n;, id, http-equiv, name, content, scheme
```

link
```
CM: EMPTY
AT: %attrs;, charset, href, hreflang, type, rel, rev, media, target
```

style
```
CM: (#PCDATA)
AT: %i18n;, id, type, media, title, xml:space
```

script
```
CM: (#PCDATA)
AT: id, charset, type, language, src, defer, xml:space
```

noscript
```
CM: (%Flow;)
AT: %attrs;
```

FRAMES

frameset
```
CM: (frameset | frame | noframes)
AT: %coreattrs;, rows, cols, onload, onunload
```

frame
```
CM: EMPTY
AT: %coreattrs;, longdesc, name, src, frameborder, marginwidth,
    marginheight, noresize, scrolling
```

iframe
```
CM: (%Flow;)
AT: %coreattrs;, longdesc, name, src, frameborder, marginwidth,
    marginheight, scrolling, align, height, width
```

noframes
```
CM: (body)
CM: %attrs;
```

DOCUMENT BODY

body
```
CM: (%Flow;)
AT: %attrs;, onload, onunload,
    background, bgcolor, text,
    link, vlink, alink
```

div
```
CM: (%Flow;)
AT: %attrs;, %TextAlign;
```

PARAGRAPHS

p
```
CM: (%Inline;)
AT: %attrs;, %TextAlign;
```

HEADINGS

h1, h2, h3, h4, h5, h6
```
CM: (%Inline;)
AT: %attrs;, %TextAlign;
```

ADDRESS

address
```
CM: (#PCDATA | %inline; | %misc.inline | p)
AT: %attrs;
```

LISTS

ul
```
CM: (li)+
AT: %attrs;, type, compact
```

ol
```
CM: (li)+
AT: %attrs;, type, compact,
    start
```

menu, dir
```
CM: (li)+
AT: %attrs;, compact
```

li
```
CM: (%Flow;)
AT: %attrs;, type, value
```

dl
```
CM: (dt | dd)+
AT: %attrs;, compact
```

dt
```
CM: (%Inline;)
AT: %attrs;
```

dd
```
CM: (%Flow;)
AT: %attrs;
```

HORIZONTAL RULE

hr
```
CM: EMPTY
AT: %attrs;, align, noshade, size, width
```

PREFORMATTED TEXT

pre
```
CM: (%pre.content;)
AT: %attrs;, width, xml:space
```

TEXT ALIGNMENT

center
```
CM: (%Flow;)
AT: %attrs;
```

BLOCK-LIKE QUOTES

blockquote
```
CM: (%Flow;)
AT: %attrs;, cite
```

INSERTED/DELETED TEXT

ins, del
```
CM: (%Flow;)
AT: %attrs;, cite, datetime
```

INLINE ELEMENTS

span, em, strong, dfn, code, samp, kbd, var, cite, abbr, acronym, sub, sup, tt, i, b, big, small, u, s, strike
```
CM: (%Inline;)
AT: %attrs;
```

bdo
```
CM: (%Inline;)
AT: %coreattrs;, %events;, lang,
    xml:lang, dir
```

br
```
CM: EMPTY
AT: %coreattrs;, clear
```

q
```
CM: (%Inline;)
AT: %attrs;, cite
```

basefont
```
CM: EMPTY
AT: id, size, color, face
```

font
```
CM: (%Inline;)
AT: %coreattrs;, %i18n;, size,
    color, face
```

ANCHOR ELEMENT

a
```
CM: (%a.content;)
AT: %attrs;, %focus;, charset, type, name, href, hreflang, rel,
    rev, shape, cords, target
```

OBJECT ELEMENT

object
```
CM: (#PCDATA | param | %block; | form | %inline; | %misc;)*
AT: %attrs;, declare, classid, codebase, data, type, codetype,
    archive, standby, height, width, usemap, name, tabindex, align,
    border, hspace, vspace
```

param
```
CM: EMPTY
AT: id, name, value, valuetype, type
```

JAVA APPLET

applet
```
CM: (#PCDATA | param | %block; | form | %inline; | %misc;)
AT: %coreattrs;, codebase, archive, code, object, alt, name, width,
    height, align, hspace, vspace
```

IMAGES

img
```
CM: EMPTY
AT: %attrs;, src, alt, name, longdesc, height, width, usemap,
    ismap, align, border, hspace, vspace
```

CLIENT-SIDE IMAGE MAPS

map
```
CM: ((block; | form | %misc;)+ | area+)
AT: %i18n;, %events;, id, class, style, title, name
```

area
```
CM: EMPTY
AT: %attrs;, %focus;, shape, coords, href, nohref, alt, target
```

FORMS

form
```
CM: (%form.content;)
AT: %attrs;, action, method, name, enctype, onsubmit, onreset,
    accept, accept-charset, target
```

label
```
CM: (%Inline;)
AT: %attrs;, for, accesskey, onfocus, onblur
```

input
```
CM: EMPTY
AT: %attrs;, %focus;, type, name, value, checked, disabled,
    readonly, size, maxlength, src, alt, usemap, onselect,
    onchange, accept, align
```

select
```
CM: (optgroup | option)+
AT: %attrs;, name, size, multiple, disabled, tabindex, onfocus,
    onblur, onchange
```

optgroup
```
CM: (option)+
AT: %attrs;, disabled, label
```

option
```
CM: (#PCDATA)
AT: %attrs;, selected, disabled, label, value
```

textarea
```
CM: (#PCDATA)
AT: %attrs;, %focus;, name, rows, cols, disabled, readonly,
    onselect, onchange
```

fieldset
```
CM: (#PCDATA | legend | %block; | form | %inline; | %misc;)*
AT: %attrs;
```

legend
```
CM: (%Inline;)
```

```
AT:  %attrs;, accesskey, align
```

button

```
CM:  (%button.content;)
AT:  %attrs;, %focus;, name, value, type, disabled
```

isindex

```
CM:  EMPTY
AT:  %coreattrs;, %i18n;, prompt
```

TABLES

%cellhalign;

```
align, char, charoff
```

%cellvalign;

```
valign
```

table

```
CM:  (caption?,
      (col* | colgroup*),
      thead?, tfoot?,
      (tbody+ | tr+))
AT:  %attrs;, summary, width, border, frame, rules, cellspacing,
      cellpadding, align, bgcolor
```

caption

```
CM:  (%Inline;)
AT:  %attrs;, align
```

colgroup

```
CM:  (col)*
AT:  %attrs;, span, width,
      %cellhalign;, %cellvalign;
```

col

```
CM:  EMPTY
AT:  %attrs;, span, width,
      %cellhalign;, %cellvalign;
```

thead, tfoot, tbody

```
CM:  (tr)+
AT:  %attrs;, %cellhalign;,
      %cellvalign;
```

tr

```
CM:  (th | td)+
AT:  %attrs;, %cellhalign;,
      %cellvalign;, bgcolor
```

th, td

```
CM:  (%Flow;)
AT:  %attrs;, abbr, axis,
      headers, scope, rowspan,
      colspan, %cellhalign;,
      %cellvalign;, nowrap,
      bgcolor, width, height
```

PARAMETER ENTITIES (TEXT ELEMENTS)

%special.extra

```
object | applet | img | map |
iframe
```

%special.basic;

```
br | span | bdo
```

%special;

```
%special.basic; |
%special.extra;
```

%fontstyle.extra;

```
big | small | font | basefont
```

%fontstyle.basic;

```
tt | i | b | u | s | strike
```

%fontstyle;

```
%fontstyle.basic; |
%fontstyle.extra;
```

%inline.forms;

```
input | select | textarea |
label | button
```

%phrase.extra;

```
sub | sup
```

%phrase.basic;

```
em | strong | dfn | code | q |
samp | kbd | var | cite | abbr |
acronym
```

%phrase;

```
%phrase.basic; | %phrase.extra;
```

%misc.inline;

```
ins | del | script
```

%misc;

```
noscript | %misc.inline;
```

%inline;

```
a | %special; | %fontstyle; |
%phrase; | %inline.forms;
```

%Inline;

```
(#PCDATA | %inline; |
%misc.inline;)*
```

PARAMETER ENTITIES (BLOCK LEVEL ELEMENTS)

%heading;

```
h1 | h2 | h3 | h4 | h5 | h6
```

%lists;

```
ul | ol | dl | menu | dir
```

%blocktext;

```
pre | hr | blockquote | address | center
```

%block;

```
p | %heading; | div | %lists; | %blocktext; | isindex | fieldset |
table
```

%Flow;

```
(#PCDATA | %block; | form | %inline; | %misc;)*
```

PARAMETER ENTITIES (CONTENT MODELS FOR EXCLUSION)

%a.content;

```
(#PCDATA | %special; | %fontstyle; | %phrase; | %inline.forms; |
%misc.inline;)*
```

%pre.content;

```
(#PCDATA | a | %special.basic; | %fontstyle.basic; | %phrase.basic;
| %inline.forms; | %misc.inline;)*
```

%form.content;

```
(#PCDATA | %block; | %inline; | %misc;)*
```

%button.content;

```
(#PCDATA | p | %heading; | div | %lists; | %blocktext; | table | br
| span | bdo | object | applet | img | map | %fontstyle; | %phrase;
| %misc;)*
```

PARAMETER ENTITIES (GENERIC ATTRIBUTES)

%events;

```
onclick, ondblclick, onmousedown, onmouseup, onmouseover,
onmousemove, onmouseout, onkeypress, onkeydown, onkeyup
```

%coreattrs;

```
id, class, style, title
```

%i18n;

```
lang, xml:lang, dir
```

%focus;

```
accesskey, tabindex, onfocus, onblur
```

%TextAlign;

```
align
```

%attrs;

```
%coreattrs;, %i18n;, %events;
```

CHARACTER ENTITY SETS

Latin-1 characters

```
aacute, Aacute, acirc, Acirc, acute, aelig, AElig, agrave, Agrave,
aring, Aring, atilde, Atilde, auml, Auml, brvbar, ccedil, Ccedil,
cedil, cent, copy, curren, deg, divide, eacute, Eacute, ecirc,
Ecirc, egrave, Egrave, eth, ETH, euml, Euml, frac12, frac14, frac34,
iacute, Iacute, icirc, Icirc, iexcl, igrave, Igrave, iquest, iuml,
Iuml, laquo, macr, micro, middot, nbsp, not, ntilde, Ntilde, oacute,
Oacute, ocirc, Ocirc, ograve, Ograve, ordf, ordm, oslash, Oslash,
otilde, Otilde, ouml, Ouml, para, plusmn, pound, raquo, reg, sect,
shy, sup1, sup2, sup3, szlig, thorn, THORN, times, uacute, Uacute,
ucirc, Ucirc, ugrave, Ugrave, uml, uuml, Uuml, yacute, Yacute, yen,
yuml
```

Special characters

```
amp, apos, bdquo, circ, dagger, Dagger, emsp, ensp, euro, gt, ldquo,
lrm, lsaquo, lsquo, lt, mdash, ndash, oelig, OElig, permil, quot,
rdquo, rlm, rsaquo, rsquo, sbquo, scaron, Scaron, thinsp, tilde,
Yuml, zwj, zwnj
```

Symbols

```
alefsym, alpha, Alpha, and, ang, asymp, beta, Beta, bull, cap, chi,
Chi, clubs, cong, crarr, cup, darr, dArr, delta, Delta, diams,
empty, epsilon, Epsilon, equiv, eta, Eta, exist, fnof, forall,
frasl, gamma, Gamma, ge, harr, hArr, hearts, hellip, image, infin,
int, iota, Iota, isin, kappa, Kappa, lambda, Lambda, lang, larr,
lArr, lceil, le, lfloor, lowast, loz, minus, mu, Mu, nabla, ne, ni,
notin, nsub, nu, Nu, oline, omega, Omega, omicron, Omicron, oplus,
or, otimes, part, perp, phi, Phi, pi, Pi, piv, prime, Prime, prod,
prop, psi, Psi, radic, rang, rarr, rArr, rceil, real, rfloor, rho,
Rho, sdot, sigma, Sigma, sigmaf, sim, spades, sub, sube, sum, sup,
supe, tau, Tau, there4, theta, Theta, thetasym, trade, uarr, uArr,
upsih, upsilon, Upsilon, weierp, xi, Xi, zeta, Zeta
```

QUICK REFERENCE

XHTML
Version 1.0-Transitional

http://www.w3.org/TR/xhtml1/

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