F. XHTML DTD Module Implementations

Contents

This appendix is *normative*.

This appendix contains implementations of the modules defined in XHTML Abstract Modules via XML DTDs. These module implementations can be used by XHTML Family Document Types. There are direct links to the various files, and the files are also contained in the "Gzip'd TAR" and "Zip" archives linked to at the top of this document. Please note that the files targeted by the "latest version" links may change slowly over time. See the W3C XHTML2 Working Group home page for more information.

F.1. XHTML Character Entities

XHTML DTDs make available a standard collection of named character entities. Those entities are defined in this section.

F.1.1. XHTML Latin 1 Character Entities

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-lat1.ent.
The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-lat1.ent.

```
<!-- ...................................................................... -->
<!-- XML-compatible ISO Latin 1 Character Entity Set for XHTML ............ -->
<!-- file: xhtml-lat1.ent

     Typical invocation:

       <!ENTITY % xhtml-lat1
           PUBLIC "-//W3C//ENTITIES Latin 1 for XHTML//EN"
                  "xhtml-lat1.ent" >
       %xhtml-lat1;

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ENTITIES Latin 1 for XHTML//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-lat1.ent"

     Revision:  $Id: xhtml-lat1.ent,v 4.1 2001/04/10 09:34:14 altheim Exp $ SMI

     Portions (C) International Organization for Standardization 1986:
     Permission to copy in any form is granted for use with conforming
     SGML systems and applications as defined in ISO 8879, provided
     this notice is included in all copies.
-->

<!ENTITY nbsp   " " ><!-- no-break space = non-breaking space, U+00A0 ISOnum -->
<!ENTITY iexcl  "&#161;" ><!-- inverted exclamation mark, U+00A1 ISOnum -->
<!ENTITY cent   "&#162;" ><!-- cent sign, U+00A2 ISOnum -->
<!ENTITY pound  "&#163;" ><!-- pound sign, U+00A3 ISOnum -->
<!ENTITY curren "&#164;" ><!-- currency sign, U+00A4 ISOnum -->
<!ENTITY yen    "&#165;" ><!-- yen sign = yuan sign, U+00A5 ISOnum -->
<!ENTITY brvbar "&#166;" ><!-- broken bar = broken vertical bar, U+00A6 ISOnum -->
<!ENTITY sect   "&#167;" ><!-- section sign, U+00A7 ISOnum -->
<!ENTITY uml    "&#168;" ><!-- diaeresis = spacing diaeresis, U+00A8 ISOdia -->
<!ENTITY copy   "&#169;" ><!-- copyright sign, U+00A9 ISOnum -->
<!ENTITY ordf   "&#170;" ><!-- feminine ordinal indicator, U+00AA ISOnum -->
<!ENTITY laquo  "&#171;" ><!-- left-pointing double angle quotation mark = left pointing guillemet, U+00AB ISOnum -->
<!ENTITY not    "&#172;" ><!-- not sign, U+00AC ISOnum -->
<!ENTITY shy    "&#173;" ><!-- soft hyphen = discretionary hyphen, U+00AD ISOnum -->
<!ENTITY reg    "&#174;" ><!-- registered sign = registered trade mark sign, U+00AE ISOnum -->
<!ENTITY macr   "&#175;" ><!-- macron = spacing macron = overline = APL overbar, U+00AF ISOdia -->
<!ENTITY deg    "&#176;" ><!-- degree sign, U+00B0 ISOnum -->
<!ENTITY plusmn "&#177;" ><!-- plus-minus sign = plus-or-minus sign, U+00B1 ISOnum -->
<!ENTITY sup2   "&#178;" ><!-- superscript two = superscript digit two = squared, U+00B2 ISOnum -->
<!ENTITY sup3   "&#179;" ><!-- superscript three = superscript digit three = cubed, U+00B3 ISOnum -->
<!ENTITY acute  "&#180;" ><!-- acute accent = spacing acute, U+00B4 ISOdia -->
<!ENTITY micro  "&#181;" ><!-- micro sign, U+00B5 ISOnum -->
<!ENTITY para   "&#182;" ><!-- pilcrow sign = paragraph sign, U+00B6 ISOnum -->
<!ENTITY middot "&#183;" ><!-- middle dot = Georgian comma = Greek middle dot, U+00B7 ISOnum -->
<!ENTITY cedil  "&#184;" ><!-- cedilla = spacing cedilla, U+00B8 ISOdia -->
<!ENTITY sup1   "&#185;" ><!-- superscript one = superscript digit one, U+00B9 ISOnum -->
<!ENTITY ordm   "&#186;" ><!-- masculine ordinal indicator, U+00BA ISOnum -->
<!ENTITY raquo  "&#187;" ><!-- right-pointing double angle quotation mark = right pointing guillemet, U+00BB ISOnum -->
<!ENTITY frac14 "&#188;" ><!-- vulgar fraction one quarter = fraction one quarter, U+00BC ISOnum -->
<!ENTITY frac12 "&#189;" ><!-- vulgar fraction one half = fraction one half, U+00BD ISOnum -->
<!ENTITY frac34 "&#190;" ><!-- vulgar fraction three quarters = fraction three quarters, U+00BE ISOnum -->
<!ENTITY iquest "&#191;" ><!-- inverted question mark = turned question mark, U+00BF ISOnum -->
<!ENTITY Agrave "&#192;" ><!-- latin capital A with grave = latin capital A grave, U+00C0 ISOlat1 -->
<!ENTITY Aacute "&#193;" ><!-- latin capital A with acute, U+00C1 ISOlat1 -->
<!ENTITY Acirc  "&#194;" ><!-- latin capital A with circumflex, U+00C2 ISOlat1 -->
<!ENTITY Atilde "&#195;" ><!-- latin capital A with tilde, U+00C3 ISOlat1 -->
<!ENTITY Auml   "&#196;" ><!-- latin capital A with diaeresis, U+00C4 ISOlat1 -->
<!ENTITY Aring  "&#197;" ><!-- latin capital A with ring above = latin capital A ring, U+00C5 ISOlat1 -->
<!ENTITY AElig  "&#198;" ><!-- latin capital AE = latin capital ligature AE, U+00C6 ISOlat1 -->
<!ENTITY Ccedil "&#199;" ><!-- latin capital C with cedilla, U+00C7 ISOlat1 -->
<!ENTITY Egrave "&#200;" ><!-- latin capital E with grave, U+00C8 ISOlat1 -->
<!ENTITY Eacute "&#201;" ><!-- latin capital E with acute, U+00C9 ISOlat1 -->
<!ENTITY Ecirc  "&#202;" ><!-- latin capital E with circumflex, U+00CA ISOlat1 -->
<!ENTITY Euml   "&#203;" ><!-- latin capital E with diaeresis, U+00CB ISOlat1 -->
<!ENTITY Igrave "&#204;" ><!-- latin capital I with grave, U+00CC ISOlat1 -->
<!ENTITY Iacute "&#205;" ><!-- latin capital I with acute, U+00CD ISOlat1 -->
<!ENTITY Icirc  "&#206;" ><!-- latin capital I with circumflex, U+00CE ISOlat1 -->
<!ENTITY Iuml   "&#207;" ><!-- latin capital I with diaeresis, U+00CF ISOlat1 -->
```

```
<!ENTITY ETH    "&#208;" ><!-- latin capital ETH, U+00D0 ISOlat1 -->
<!ENTITY Ntilde "&#209;" ><!-- latin capital N with tilde, U+00D1 ISOlat1 -->
<!ENTITY Ograve "&#210;" ><!-- latin capital O with grave, U+00D2 ISOlat1 -->
<!ENTITY Oacute "&#211;" ><!-- latin capital O with acute, U+00D3 ISOlat1 -->
<!ENTITY Ocirc  "&#212;" ><!-- latin capital O with circumflex, U+00D4 ISOlat1 -->
<!ENTITY Otilde "&#213;" ><!-- latin capital O with tilde, U+00D5 ISOlat1 -->
<!ENTITY Ouml   "&#214;" ><!-- latin capital O with diaeresis, U+00D6 ISOlat1 -->
<!ENTITY times  "&#215;" ><!-- multiplication sign, U+00D7 ISOnum -->
<!ENTITY Oslash "&#216;" ><!-- latin capital O with stroke = latin capital O slash, U+00D8 ISOlat1 -->
<!ENTITY Ugrave "&#217;" ><!-- latin capital U with grave, U+00D9 ISOlat1 -->
<!ENTITY Uacute "&#218;" ><!-- latin capital U with acute, U+00DA ISOlat1 -->
<!ENTITY Ucirc  "&#219;" ><!-- latin capital U with circumflex, U+00DB ISOlat1 -->
<!ENTITY Uuml   "&#220;" ><!-- latin capital U with diaeresis, U+00DC ISOlat1 -->
<!ENTITY Yacute "&#221;" ><!-- latin capital Y with acute, U+00DD ISOlat1 -->
<!ENTITY THORN  "&#222;" ><!-- latin capital THORN, U+00DE ISOlat1 -->
<!ENTITY szlig  "&#223;" ><!-- latin small sharp s = ess-zed, U+00DF ISOlat1 -->
<!ENTITY agrave "&#224;" ><!-- latin small a with grave = latin small a grave, U+00E0 ISOlat1 -->
<!ENTITY aacute "&#225;" ><!-- latin small a with acute, U+00E1 ISOlat1 -->
<!ENTITY acirc  "&#226;" ><!-- latin small a with circumflex, U+00E2 ISOlat1 -->
<!ENTITY atilde "&#227;" ><!-- latin small a with tilde, U+00E3 ISOlat1 -->
<!ENTITY auml   "&#228;" ><!-- latin small a with diaeresis, U+00E4 ISOlat1 -->
<!ENTITY aring  "&#229;" ><!-- latin small a with ring above = latin small a ring, U+00E5 ISOlat1 -->
<!ENTITY aelig  "&#230;" ><!-- latin small ae = latin small ligature ae, U+00E6 ISOlat1 -->
<!ENTITY ccedil "&#231;" ><!-- latin small c with cedilla, U+00E7 ISOlat1 -->
<!ENTITY egrave "&#232;" ><!-- latin small e with grave, U+00E8 ISOlat1 -->
<!ENTITY eacute "&#233;" ><!-- latin small e with acute, U+00E9 ISOlat1 -->
<!ENTITY ecirc  "&#234;" ><!-- latin small e with circumflex, U+00EA ISOlat1 -->
<!ENTITY euml   "&#235;" ><!-- latin small e with diaeresis, U+00EB ISOlat1 -->
<!ENTITY igrave "&#236;" ><!-- latin small i with grave, U+00EC ISOlat1 -->
<!ENTITY iacute "&#237;" ><!-- latin small i with acute, U+00ED ISOlat1 -->
<!ENTITY icirc  "&#238;" ><!-- latin small i with circumflex, U+00EE ISOlat1 -->
<!ENTITY iuml   "&#239;" ><!-- latin small i with diaeresis, U+00EF ISOlat1 -->
<!ENTITY eth    "&#240;" ><!-- latin small eth, U+00F0 ISOlat1 -->
<!ENTITY ntilde "&#241;" ><!-- latin small n with tilde, U+00F1 ISOlat1 -->
<!ENTITY ograve "&#242;" ><!-- latin small o with grave, U+00F2 ISOlat1 -->
<!ENTITY oacute "&#243;" ><!-- latin small o with acute, U+00F3 ISOlat1 -->
<!ENTITY ocirc  "&#244;" ><!-- latin small o with circumflex, U+00F4 ISOlat1 -->
<!ENTITY otilde "&#245;" ><!-- latin small o with tilde, U+00F5 ISOlat1 -->
<!ENTITY ouml   "&#246;" ><!-- latin small o with diaeresis, U+00F6 ISOlat1 -->
<!ENTITY divide "&#247;" ><!-- division sign, U+00F7 ISOnum -->
<!ENTITY oslash "&#248;" ><!-- latin small o with stroke, = latin small o slash, U+00F8 ISOlat1 -->
<!ENTITY ugrave "&#249;" ><!-- latin small u with grave, U+00F9 ISOlat1 -->
<!ENTITY uacute "&#250;" ><!-- latin small u with acute, U+00FA ISOlat1 -->
<!ENTITY ucirc  "&#251;" ><!-- latin small u with circumflex, U+00FB ISOlat1 -->
<!ENTITY uuml   "&#252;" ><!-- latin small u with diaeresis, U+00FC ISOlat1 -->
<!ENTITY yacute "&#253;" ><!-- latin small y with acute, U+00FD ISOlat1 -->
<!ENTITY thorn  "&#254;" ><!-- latin small thorn with, U+00FE ISOlat1 -->
<!ENTITY yuml   "&#255;" ><!-- latin small y with diaeresis, U+00FF ISOlat1 -->
<!-- end of xhtml-lat1.ent -->
```

F.1.2. XHTML Special Characters

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-special.ent. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-special.ent.

```
<!-- ...................................................................... -->
<!-- XML-compatible ISO Special Character Entity Set for XHTML ............ -->
<!-- file: xhtml-special.ent

    Typical invocation:

      <!ENTITY % xhtml-special
          PUBLIC "-//W3C//ENTITIES Special for XHTML//EN"
                 "xhtml-special.ent" >
      %xhtml-special;

    This DTD module is identified by the PUBLIC and SYSTEM identifiers:

      PUBLIC "-//W3C//ENTITIES Special for XHTML//EN"
      SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-special.ent"

    Revision:  $Id: xhtml-special.ent,v 4.1 2001/04/10 09:34:14 altheim Exp $ SMI

    Portions (C) International Organization for Standardization 1986:
    Permission to copy in any form is granted for use with conforming
    SGML systems and applications as defined in ISO 8879, provided
```

```
<!-- Relevant ISO entity set is given unless names are newly introduced.
        New names (i.e., not in ISO 8879 [SGML] list) do not clash with
        any existing ISO 8879 entity names. ISO 10646 [ISO10646] character
        numbers are given for each character, in hex. Entity values are
        decimal conversions of the ISO 10646 values and refer to the
        document character set. Names are Unicode [UNICODE] names.
-->

<!-- C0 Controls and Basic Latin -->
<!ENTITY lt       "&#38;#60;" ><!-- less-than sign, U+003C ISOnum -->
<!ENTITY gt       "&#62;" ><!-- greater-than sign, U+003E ISOnum -->
<!ENTITY amp      "&#38;#38;" ><!-- ampersand, U+0026 ISOnum -->
<!ENTITY apos     "&#39;" ><!-- The Apostrophe (Apostrophe Quote, APL Quote), U+0027 ISOnum -->
<!ENTITY quot     "&#34;" ><!-- quotation mark (Quote Double), U+0022 ISOnum -->

<!-- Latin Extended-A -->
<!ENTITY OElig   "&#338;" ><!-- latin capital ligature OE, U+0152 ISOlat2 -->
<!ENTITY oelig   "&#339;" ><!-- latin small ligature oe, U+0153 ISOlat2 -->

<!-- ligature is a misnomer, this is a separate character in some languages -->
<!ENTITY Scaron  "&#352;" ><!-- latin capital letter S with caron, U+0160 ISOlat2 -->
<!ENTITY scaron  "&#353;" ><!-- latin small letter s with caron, U+0161 ISOlat2 -->
<!ENTITY Yuml    "&#376;" ><!-- latin capital letter Y with diaeresis, U+0178 ISOlat2 -->

<!-- Spacing Modifier Letters -->
<!ENTITY circ     "&#710;" ><!-- modifier letter circumflex accent, U+02C6 ISOpub -->
<!ENTITY tilde    "&#732;" ><!-- small tilde, U+02DC ISOdia -->

<!-- General Punctuation -->
<!ENTITY ensp    " " ><!-- en space, U+2002 ISOpub -->
<!ENTITY emsp    " " ><!-- em space, U+2003 ISOpub -->
<!ENTITY thinsp  " " ><!-- thin space, U+2009 ISOpub -->
<!ENTITY zwnj    "&#8204;" ><!-- zero width non-joiner, U+200C NEW RFC 2070 -->
<!ENTITY zwj     "&#8205;" ><!-- zero width joiner, U+200D NEW RFC 2070 -->
<!ENTITY lrm     "&#8206;" ><!-- left-to-right mark, U+200E NEW RFC 2070 -->
<!ENTITY rlm     "&#8207;" ><!-- right-to-left mark, U+200F NEW RFC 2070 -->
<!ENTITY ndash   "&#8211;" ><!-- en dash, U+2013 ISOpub -->
<!ENTITY mdash   "&#8212;" ><!-- em dash, U+2014 ISOpub -->
<!ENTITY lsquo   "&#8216;" ><!-- left single quotation mark, U+2018 ISOnum -->
<!ENTITY rsquo   "&#8217;" ><!-- right single quotation mark, U+2019 ISOnum -->
<!ENTITY sbquo   "&#8218;" ><!-- single low-9 quotation mark, U+201A NEW -->
<!ENTITY ldquo   "&#8220;" ><!-- left double quotation mark, U+201C ISOnum -->
<!ENTITY rdquo   "&#8221;" ><!-- right double quotation mark, U+201D ISOnum -->
<!ENTITY bdquo   "&#8222;" ><!-- double low-9 quotation mark, U+201E NEW -->
<!ENTITY dagger  "&#8224;" ><!-- dagger, U+2020 ISOpub -->
<!ENTITY Dagger  "&#8225;" ><!-- double dagger, U+2021 ISOpub -->
<!ENTITY permil  "&#8240;" ><!-- per mille sign, U+2030 ISOtech -->

<!-- lsaquo is proposed but not yet ISO standardized -->
<!ENTITY lsaquo  "&#8249;" ><!-- single left-pointing angle quotation mark, U+2039 ISO proposed -->
<!-- rsaquo is proposed but not yet ISO standardized -->
<!ENTITY rsaquo  "&#8250;" ><!-- single right-pointing angle quotation mark, U+203A ISO proposed -->
<!ENTITY euro     "&#8364;" ><!-- euro sign, U+20AC NEW -->

<!-- end of xhtml-special.ent -->
```

F.1.3. XHTML Mathematical, Greek, and Symbolic Characters

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-symbol.ent. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-symbol.ent.

```
<!-- ...................................................................... -->
<!-- ISO Math, Greek and Symbolic Character Entity Set for XHTML .......... -->
<!-- file: xhtml-symbol.ent

        Typical invocation:

            <!ENTITY % xhtml-symbol
                PUBLIC "-//W3C//ENTITIES Symbols for XHTML//EN"
                        "xhtml-symbol.ent" >
```

```
       %xhtml-symbol;

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ENTITIES Symbols for XHTML//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-symbol.ent"

     Revision:  $Id: xhtml-symbol.ent,v 4.1 2001/04/10 09:34:14 altheim Exp $ SMI

     Portions (C) International Organization for Standardization 1986:
     Permission to copy in any form is granted for use with conforming
     SGML systems and applications as defined in ISO 8879, provided
     this notice is included in all copies.
-->

<!-- Relevant ISO entity set is given unless names are newly introduced.
     New names (i.e., not in ISO 8879 [SGML] list) do not clash with
     any existing ISO 8879 entity names. ISO 10646 [ISO10646] character
     numbers are given for each character, in hex. Entity values are
     decimal conversions of the ISO 10646 values and refer to the
     document character set. Names are Unicode [UNICODE] names.
-->

<!-- Latin Extended-B -->
<!ENTITY fnof      "&#402;" ><!-- latin small f with hook = function
                               = florin, U+0192 ISOtech -->


<!-- Greek -->
<!ENTITY Alpha     "&#913;" ><!-- greek capital letter alpha, U+0391 -->
<!ENTITY Beta      "&#914;" ><!-- greek capital letter beta, U+0392 -->
<!ENTITY Gamma     "&#915;" ><!-- greek capital letter gamma, U+0393 ISOgrk3 -->
<!ENTITY Delta     "&#916;" ><!-- greek capital letter delta, U+0394 ISOgrk3 -->
<!ENTITY Epsilon   "&#917;" ><!-- greek capital letter epsilon, U+0395 -->
<!ENTITY Zeta      "&#918;" ><!-- greek capital letter zeta, U+0396 -->
<!ENTITY Eta       "&#919;" ><!-- greek capital letter eta, U+0397 -->
<!ENTITY Theta     "&#920;" ><!-- greek capital letter theta, U+0398 ISOgrk3 -->
<!ENTITY Iota      "&#921;" ><!-- greek capital letter iota, U+0399 -->
<!ENTITY Kappa     "&#922;" ><!-- greek capital letter kappa, U+039A -->
<!ENTITY Lambda    "&#923;" ><!-- greek capital letter lambda, U+039B ISOgrk3 -->
<!ENTITY Mu        "&#924;" ><!-- greek capital letter mu, U+039C -->
<!ENTITY Nu        "&#925;" ><!-- greek capital letter nu, U+039D -->
<!ENTITY Xi        "&#926;" ><!-- greek capital letter xi, U+039E ISOgrk3 -->
<!ENTITY Omicron   "&#927;" ><!-- greek capital letter omicron, U+039F -->
<!ENTITY Pi        "&#928;" ><!-- greek capital letter pi, U+03A0 ISOgrk3 -->
<!ENTITY Rho       "&#929;" ><!-- greek capital letter rho, U+03A1 -->
<!-- there is no Sigmaf, and no U+03A2 character either -->
<!ENTITY Sigma     "&#931;" ><!-- greek capital letter sigma, U+03A3 ISOgrk3 -->
<!ENTITY Tau       "&#932;" ><!-- greek capital letter tau, U+03A4 -->
<!ENTITY Upsilon   "&#933;" ><!-- greek capital letter upsilon,
                               U+03A5 ISOgrk3 -->
<!ENTITY Phi       "&#934;" ><!-- greek capital letter phi, U+03A6 ISOgrk3 -->
<!ENTITY Chi       "&#935;" ><!-- greek capital letter chi, U+03A7 -->
<!ENTITY Psi       "&#936;" ><!-- greek capital letter psi, U+03A8 ISOgrk3 -->
<!ENTITY Omega     "&#937;" ><!-- greek capital letter omega, U+03A9 ISOgrk3 -->
<!ENTITY alpha     "&#945;" ><!-- greek small letter alpha, U+03B1 ISOgrk3 -->
<!ENTITY beta      "&#946;" ><!-- greek small letter beta, U+03B2 ISOgrk3 -->
<!ENTITY gamma     "&#947;" ><!-- greek small letter gamma, U+03B3 ISOgrk3 -->
<!ENTITY delta     "&#948;" ><!-- greek small letter delta, U+03B4 ISOgrk3 -->
<!ENTITY epsilon   "&#949;" ><!-- greek small letter epsilon, U+03B5 ISOgrk3 -->
<!ENTITY zeta      "&#950;" ><!-- greek small letter zeta, U+03B6 ISOgrk3 -->
<!ENTITY eta       "&#951;" ><!-- greek small letter eta, U+03B7 ISOgrk3 -->
<!ENTITY theta     "&#952;" ><!-- greek small letter theta, U+03B8 ISOgrk3 -->
<!ENTITY iota      "&#953;" ><!-- greek small letter iota, U+03B9 ISOgrk3 -->
<!ENTITY kappa     "&#954;" ><!-- greek small letter kappa, U+03BA ISOgrk3 -->
<!ENTITY lambda    "&#955;" ><!-- greek small letter lambda, U+03BB ISOgrk3 -->
<!ENTITY mu        "&#956;" ><!-- greek small letter mu, U+03BC ISOgrk3 -->
<!ENTITY nu        "&#957;" ><!-- greek small letter nu, U+03BD ISOgrk3 -->
<!ENTITY xi        "&#958;" ><!-- greek small letter xi, U+03BE ISOgrk3 -->
<!ENTITY omicron   "&#959;" ><!-- greek small letter omicron, U+03BF NEW -->
<!ENTITY pi        "&#960;" ><!-- greek small letter pi, U+03C0 ISOgrk3 -->
<!ENTITY rho       "&#961;" ><!-- greek small letter rho, U+03C1 ISOgrk3 -->
<!ENTITY sigmaf    "&#962;" ><!-- greek small letter final sigma, U+03C2 ISOgrk3 -->
<!ENTITY sigma     "&#963;" ><!-- greek small letter sigma, U+03C3 ISOgrk3 -->
<!ENTITY tau       "&#964;" ><!-- greek small letter tau, U+03C4 ISOgrk3 -->
<!ENTITY upsilon   "&#965;" ><!-- greek small letter upsilon, U+03C5 ISOgrk3 -->
<!ENTITY phi       "&#966;" ><!-- greek small letter phi, U+03C6 ISOgrk3 -->
<!ENTITY chi       "&#967;" ><!-- greek small letter chi, U+03C7 ISOgrk3 -->
<!ENTITY psi       "&#968;" ><!-- greek small letter psi, U+03C8 ISOgrk3 -->
```

```
<!ENTITY omega    "&#969;" ><!-- greek small letter omega, U+03C9 ISOgrk3 -->
<!ENTITY thetasym "&#977;" ><!-- greek small letter theta symbol, U+03D1 NEW -->
<!ENTITY upsih    "&#978;" ><!-- greek upsilon with hook symbol, U+03D2 NEW -->
<!ENTITY piv      "&#982;" ><!-- greek pi symbol, U+03D6 ISOgrk3 -->

<!-- General Punctuation -->
<!ENTITY bull     "&#8226;" ><!-- bullet = black small circle, U+2022 ISOpub  -->
<!-- bullet is NOT the same as bullet operator, U+2219 -->
<!ENTITY hellip   "&#8230;" ><!-- horizontal ellipsis = three dot leader, U+2026 ISOpub  -->
<!ENTITY prime    "&#8242;" ><!-- prime = minutes = feet, U+2032 ISOtech -->
<!ENTITY Prime    "&#8243;" ><!-- double prime = seconds = inches, U+2033 ISOtech -->
<!ENTITY oline    "&#8254;" ><!-- overline = spacing overscore, U+203E NEW -->
<!ENTITY frasl    "&#8260;" ><!-- fraction slash, U+2044 NEW -->

<!-- Letterlike Symbols -->
<!ENTITY weierp   "&#8472;" ><!-- script capital P = power set = Weierstrass p, U+2118 ISOamso -->
<!ENTITY image    "&#8465;" ><!-- blackletter capital I = imaginary part, U+2111 ISOamso -->
<!ENTITY real     "&#8476;" ><!-- blackletter capital R = real part symbol, U+211C ISOamso -->
<!ENTITY trade    "&#8482;" ><!-- trade mark sign, U+2122 ISOnum -->
<!ENTITY alefsym  "&#8501;" ><!-- alef symbol = first transfinite cardinal, U+2135 NEW -->
<!-- alef symbol is NOT the same as hebrew letter alef, U+05D0 although
     the same glyph could be used to depict both characters -->

<!-- Arrows -->
<!ENTITY larr     "&#8592;" ><!-- leftwards arrow, U+2190 ISOnum -->
<!ENTITY uarr     "&#8593;" ><!-- upwards arrow, U+2191 ISOnum--> 
<!ENTITY rarr     "&#8594;" ><!-- rightwards arrow, U+2192 ISOnum -->
<!ENTITY darr     "&#8595;" ><!-- downwards arrow, U+2193 ISOnum -->
<!ENTITY harr     "&#8596;" ><!-- left right arrow, U+2194 ISOamsa -->
<!ENTITY crarr    "&#8629;" ><!-- downwards arrow with corner leftwards
                                = carriage return, U+21B5 NEW -->
<!ENTITY lArr     "&#8656;" ><!-- leftwards double arrow, U+21D0 ISOtech -->
<!-- Unicode does not say that lArr is the same as the 'is implied by' arrow
    but also does not have any other character for that function. So ? lArr can
    be used for 'is implied by' as ISOtech suggests -->
<!ENTITY uArr     "&#8657;" ><!-- upwards double arrow, U+21D1 ISOamsa -->
<!ENTITY rArr     "&#8658;" ><!-- rightwards double arrow, U+21D2 ISOtech -->
<!-- Unicode does not say this is the 'implies' character but does not have
     another character with this function so ?
     rArr can be used for 'implies' as ISOtech suggests -->
<!ENTITY dArr     "&#8659;" ><!-- downwards double arrow, U+21D3 ISOamsa -->
<!ENTITY hArr     "&#8660;" ><!-- left right double arrow, U+21D4 ISOamsa -->

<!-- Mathematical Operators -->
<!ENTITY forall   "&#8704;" ><!-- for all, U+2200 ISOtech -->
<!ENTITY part     "&#8706;" ><!-- partial differential, U+2202 ISOtech  -->
<!ENTITY exist    "&#8707;" ><!-- there exists, U+2203 ISOtech -->
<!ENTITY empty    "&#8709;" ><!-- empty set = null set, U+2205 ISOamso -->
<!ENTITY nabla    "&#8711;" ><!-- nabla = backward difference, U+2207 ISOtech -->
<!ENTITY isin     "&#8712;" ><!-- element of, U+2208 ISOtech -->
<!ENTITY notin    "&#8713;" ><!-- not an element of, U+2209 ISOtech -->
<!ENTITY ni       "&#8715;" ><!-- contains as member, U+220B ISOtech -->
<!-- should there be a more memorable name than 'ni'? -->
<!ENTITY prod     "&#8719;" ><!-- n-ary product = product sign, U+220F ISOamsb -->
<!-- prod is NOT the same character as U+03A0 'greek capital letter pi' though
     the same glyph might be used for both -->
<!ENTITY sum      "&#8721;" ><!-- n-ary sumation, U+2211 ISOamsb -->
<!-- sum is NOT the same character as U+03A3 'greek capital letter sigma'
     though the same glyph might be used for both -->
<!ENTITY minus    "&#8722;" ><!-- minus sign, U+2212 ISOtech -->
<!ENTITY lowast   "&#8727;" ><!-- asterisk operator, U+2217 ISOtech -->
<!ENTITY radic    "&#8730;" ><!-- square root = radical sign, U+221A ISOtech -->
<!ENTITY prop     "&#8733;" ><!-- proportional to, U+221D ISOtech -->
<!ENTITY infin    "&#8734;" ><!-- infinity, U+221E ISOtech -->
<!ENTITY ang      "&#8736;" ><!-- angle, U+2220 ISOamso -->
<!ENTITY and      "&#8743;" ><!-- logical and = wedge, U+2227 ISOtech -->
<!ENTITY or       "&#8744;" ><!-- logical or = vee, U+2228 ISOtech -->
<!ENTITY cap      "&#8745;" ><!-- intersection = cap, U+2229 ISOtech -->
<!ENTITY cup      "&#8746;" ><!-- union = cup, U+222A ISOtech -->
<!ENTITY int      "&#8747;" ><!-- integral, U+222B ISOtech -->
<!ENTITY there4   "&#8756;" ><!-- therefore, U+2234 ISOtech -->
<!ENTITY sim      "&#8764;" ><!-- tilde operator = varies with = similar to, U+223C ISOtech -->
<!-- tilde operator is NOT the same character as the tilde, U+007E,
     although the same glyph might be used to represent both  -->
<!ENTITY cong     "&#8773;" ><!-- approximately equal to, U+2245 ISOtech -->
<!ENTITY asymp    "&#8776;" ><!-- almost equal to = asymptotic to, U+2248 ISOamsr -->
<!ENTITY ne       "&#8800;" ><!-- not equal to, U+2260 ISOtech -->
<!ENTITY equiv    "&#8801;" ><!-- identical to, U+2261 ISOtech -->
```

```
<!ENTITY le        "&#8804;" ><!-- less-than or equal to, U+2264 ISOtech -->
<!ENTITY ge        "&#8805;" ><!-- greater-than or equal to, U+2265 ISOtech -->
<!ENTITY sub       "&#8834;" ><!-- subset of, U+2282 ISOtech -->
<!ENTITY sup       "&#8835;" ><!-- superset of, U+2283 ISOtech -->
<!-- note that nsup, 'not a superset of, U+2283' is not covered by the Symbol
     font encoding and is not included. Should it be, for symmetry?
     It is in ISOamsn  -->
<!ENTITY nsub      "&#8836;" ><!-- not a subset of, U+2284 ISOamsn -->
<!ENTITY sube      "&#8838;" ><!-- subset of or equal to, U+2286 ISOtech -->
<!ENTITY supe      "&#8839;" ><!-- superset of or equal to, U+2287 ISOtech -->
<!ENTITY oplus     "&#8853;" ><!-- circled plus = direct sum, U+2295 ISOamsb -->
<!ENTITY otimes    "&#8855;" ><!-- circled times = vector product, U+2297 ISOamsb -->
<!ENTITY perp      "&#8869;" ><!-- up tack = orthogonal to = perpendicular, U+22A5 ISOtech -->
<!ENTITY sdot      "&#8901;" ><!-- dot operator, U+22C5 ISOamsb -->
<!-- dot operator is NOT the same character as U+00B7 middle dot -->

<!-- Miscellaneous Technical -->
<!ENTITY lceil     "&#8968;" ><!-- left ceiling = apl upstile, U+2308 ISOamsc  -->
<!ENTITY rceil     "&#8969;" ><!-- right ceiling, U+2309 ISOamsc  -->
<!ENTITY lfloor    "&#8970;" ><!-- left floor = apl downstile, U+230A ISOamsc  -->
<!ENTITY rfloor    "&#8971;" ><!-- right floor, U+230B ISOamsc  -->
<!ENTITY lang      "&#9001;" ><!-- left-pointing angle bracket = bra, U+2329 ISOtech -->
<!-- lang is NOT the same character as U+003C 'less than'
     or U+2039 'single left-pointing angle quotation mark' -->
<!ENTITY rang      "&#9002;" ><!-- right-pointing angle bracket = ket, U+232A ISOtech -->
<!-- rang is NOT the same character as U+003E 'greater than'
     or U+203A 'single right-pointing angle quotation mark' -->

<!-- Geometric Shapes -->
<!ENTITY loz       "&#9674;" ><!-- lozenge, U+25CA ISOpub -->

<!-- Miscellaneous Symbols -->
<!ENTITY spades    "&#9824;" ><!-- black spade suit, U+2660 ISOpub -->
<!-- black here seems to mean filled as opposed to hollow -->
<!ENTITY clubs     "&#9827;" ><!-- black club suit = shamrock, U+2663 ISOpub -->
<!ENTITY hearts    "&#9829;" ><!-- black heart suit = valentine, U+2665 ISOpub -->
<!ENTITY diams     "&#9830;" ><!-- black diamond suit, U+2666 ISOpub -->

<!-- end of xhtml-symbol.ent -->
```

F.2. XHTML Modular Framework

In order to take advantage of the XHTML DTD Modules, DTD authors need to define the content model for their DTD. XHTML provides a variety of tools to ease this effort. They are defined in a set of support modules, instantiated by a main Framework module:

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-framework-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-framework-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Modular Framework Module  ...................................... -->
<!-- file: xhtml-framework-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-framework-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $ SMI

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ENTITIES XHTML Modular Framework 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-framework-1.mod"

     Revisions:
     (none)
     ...................................................................... -->

<!-- Modular Framework

     This required module instantiates the modules needed
     to support the XHTML modularization model, including:

       + datatypes
       + namespace-qualified names
       + common attributes
       + document model
```

```
            +   character entities

      The Intrinsic Events module is ignored by default but
      occurs in this module because it must be instantiated
      prior to Attributes but after Datatypes.
-->

<!ENTITY % xhtml-arch.module "IGNORE" >
<![%xhtml-arch.module;[
<!ENTITY % xhtml-arch.mod
      PUBLIC "-//W3C//ELEMENTS XHTML Base Architecture 1.0//EN"
             "xhtml-arch-1.mod" >
%xhtml-arch.mod;]]>

<!ENTITY % xhtml-notations.module "IGNORE" >
<![%xhtml-notations.module;[
<!ENTITY % xhtml-notations.mod
      PUBLIC "-//W3C//NOTATIONS XHTML Notations 1.0//EN"
             "xhtml-notations-1.mod" >
%xhtml-notations.mod;]]>

<!ENTITY % xhtml-datatypes.module "INCLUDE" >
<![%xhtml-datatypes.module;[
<!ENTITY % xhtml-datatypes.mod
      PUBLIC "-//W3C//ENTITIES XHTML Datatypes 1.0//EN"
             "xhtml-datatypes-1.mod" >
%xhtml-datatypes.mod;]]>

<!-- placeholder for XLink support module -->
<!ENTITY % xhtml-xlink.mod "" >
%xhtml-xlink.mod;

<!ENTITY % xhtml-qname.module "INCLUDE" >
<![%xhtml-qname.module;[
<!ENTITY % xhtml-qname.mod
      PUBLIC "-//W3C//ENTITIES XHTML Qualified Names 1.0//EN"
             "xhtml-qname-1.mod" >
%xhtml-qname.mod;]]>

<!ENTITY % xhtml-events.module "IGNORE" >
<![%xhtml-events.module;[
<!ENTITY % xhtml-events.mod
      PUBLIC "-//W3C//ENTITIES XHTML Intrinsic Events 1.0//EN"
             "xhtml-events-1.mod" >
%xhtml-events.mod;]]>

<!ENTITY % xhtml-attribs.module "INCLUDE" >
<![%xhtml-attribs.module;[
<!ENTITY % xhtml-attribs.mod
      PUBLIC "-//W3C//ENTITIES XHTML Common Attributes 1.0//EN"
             "xhtml-attribs-1.mod" >
%xhtml-attribs.mod;]]>

<!-- placeholder for content model redeclarations -->
<!ENTITY % xhtml-model.redecl "" >
%xhtml-model.redecl;

<!ENTITY % xhtml-model.module "INCLUDE" >
<![%xhtml-model.module;[
<!-- instantiate the Document Model module declared in the DTD driver
-->
%xhtml-model.mod;]]>

<!ENTITY % xhtml-charent.module "INCLUDE" >
<![%xhtml-charent.module;[
<!ENTITY % xhtml-charent.mod
      PUBLIC "-//W3C//ENTITIES XHTML Character Entities 1.0//EN"
             "xhtml-charent-1.mod" >
%xhtml-charent.mod;]]>

<!-- end of xhtml-framework-1.mod -->
```

Note that the module above references a content model module. This module is defined on a per-document type basis in addition to the document type driver file. The Modular framework also relies upon the following component modules:

F.2.1. XHTML Base Architecture

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-arch-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-arch-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Base Architecture Module  ...................................... -->
<!-- file: xhtml-arch-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-arch-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $ SMI

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ELEMENTS XHTML Base Architecture 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-arch-1.mod"

     Revisions:
     (none)
     ...................................................................... -->

<!-- This optional module includes declarations that enable XHTML to be used
     as a base architecture according to the 'Architectural Forms Definition
     Requirements' (Annex A.3, ISO/IEC 10744, 2nd edition). For more information
     on use of architectural forms, see the HyTime web site at:

         http://www.hytime.org/
-->

<?IS10744 ArcBase xhtml ?>

<!NOTATION xhtml PUBLIC "-//W3C//NOTATION AFDR ARCBASE XHTML 1.1//EN" >

<!-- Entity declaration for associated Architectural DTD
-->
<!ENTITY xhtml-arch.dtd
      PUBLIC "-//W3C//DTD XHTML Architecture 1.1//EN"
             "xhtml11-arch.dtd" >

<?IS10744:arch xhtml
    public-id       = "-//W3C//NOTATION AFDR ARCBASE XHTML 1.1//EN"
    dtd-public-id   = "-//W3C//DTD XHTML 1.1//EN"
    dtd-system-id   = "xhtml11.dtd"
    doc-elem-form   = "html"
    form-att        = "html"
    renamer-att     = "htnames"
    suppressor-att  = "htsupp"
    data-ignore-att = "htign"
    auto            = "ArcAuto"
    options         = "HtModReq HtModOpt"
    HtModReq        = "Framework Text Hypertext Lists Structure"
    HtModOpt        = "Standard"
?>

<!-- end of xhtml-arch-1.mod -->
```

F.2.2. XHTML Notations

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-notations-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-notations-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Notations Module  .............................................. -->
<!-- file: xhtml-notations-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-notations-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//NOTATIONS XHTML Notations 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-notations-1.mod"
```

```
     Revisions:
     (none)
     ................................................................ -->

<!-- Notations

     defines the following notations, many of these imported from
     other specifications and standards. When an existing FPI is
     known, it is incorporated here.
-->

<!-- XML Notations ..................................... -->
<!-- SGML and XML Notations ............................ -->

<!-- W3C XML 1.0 Recommendation -->
<!NOTATION w3c-xml
     PUBLIC "ISO 8879//NOTATION Extensible Markup Language (XML) 1.0//EN" >

<!-- XML 1.0 CDATA -->
<!NOTATION cdata
     PUBLIC "-//W3C//NOTATION XML 1.0: CDATA//EN" >

<!-- SGML Formal Public Identifiers -->
<!NOTATION fpi
     PUBLIC "ISO 8879:1986//NOTATION Formal Public Identifier//EN" >

<!-- XHTML Notations ................................... -->

<!-- Length defined for cellpadding/cellspacing -->

<!-- nn for pixels or nn% for percentage length -->
<!NOTATION length
     PUBLIC "-//W3C//NOTATION XHTML Datatype: Length//EN" >

<!-- space-separated list of link types -->
<!NOTATION linkTypes
     PUBLIC "-//W3C//NOTATION XHTML Datatype: LinkTypes//EN" >

<!-- single or comma-separated list of media descriptors -->
<!NOTATION mediaDesc
     PUBLIC "-//W3C//NOTATION XHTML Datatype: MediaDesc//EN" >

<!-- pixel, percentage, or relative -->
<!NOTATION multiLength
     PUBLIC "-//W3C//NOTATION XHTML Datatype: MultiLength//EN" >

<!-- one or more digits (NUMBER) -->
<!NOTATION number
     PUBLIC "-//W3C//NOTATION XHTML Datatype: Number//EN" >

<!-- integer representing length in pixels -->
<!NOTATION pixels
     PUBLIC "-//W3C//NOTATION XHTML Datatype: Pixels//EN" >

<!-- script expression -->
<!NOTATION script
     PUBLIC "-//W3C//NOTATION XHTML Datatype: Script//EN" >

<!-- textual content -->
<!NOTATION text
     PUBLIC "-//W3C//NOTATION XHTML Datatype: Text//EN" >

<!-- Imported Notations ............................... -->

<!-- a single character from [ISO10646] -->
<!NOTATION character
     PUBLIC "-//W3C//NOTATION XHTML Datatype: Character//EN" >

<!-- a character encoding, as per [RFC2045] -->
<!NOTATION charset
     PUBLIC "-//W3C//NOTATION XHTML Datatype: Charset//EN" >

<!-- a space separated list of character encodings, as per [RFC2045] -->
<!NOTATION charsets
     PUBLIC "-//W3C//NOTATION XHTML Datatype: Charsets//EN" >

<!-- media type, as per [RFC2045] -->
<!NOTATION contentType
```

```
        PUBLIC "-//W3C//NOTATION XHTML Datatype: ContentType//EN" >

<!-- comma-separated list of media types, as per [RFC2045] -->
<!NOTATION contentTypes
    PUBLIC "-//W3C//NOTATION XHTML Datatype: ContentTypes//EN" >

<!-- date and time information. ISO date format -->
<!NOTATION datetime
    PUBLIC "-//W3C//NOTATION XHTML Datatype: Datetime//EN" >

<!-- a language code, as per [RFC3066] -->
<!NOTATION languageCode
    PUBLIC "-//W3C//NOTATION XHTML Datatype: LanguageCode//EN" >

<!-- a Uniform Resource Identifier, see [URI] -->
<!NOTATION uri
    PUBLIC "-//W3C//NOTATION XHTML Datatype: URI//EN" >

<!-- a space-separated list of Uniform Resource Identifiers, see [URI] -->
<!NOTATION uris
    PUBLIC "-//W3C//NOTATION XHTML Datatype: URIs//EN" >

<!-- end of xhtml-notations-1.mod -->
```

F.2.3. XHTML Datatypes

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-datatypes-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-datatypes-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Datatypes Module  ............................................. -->
<!-- file: xhtml-datatypes-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-datatypes-1.mod,v 4.1 2001/04/06 19:23:32 altheim Exp $ SMI

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ENTITIES XHTML Datatypes 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-datatypes-1.mod"

     Revisions:
     (none)
     ................................................................ -->

<!-- Datatypes

     defines containers for the following datatypes, many of
     these imported from other specifications and standards.
-->

<!-- Length defined for cellpadding/cellspacing -->

<!-- nn for pixels or nn% for percentage length -->
<!ENTITY % Length.datatype "CDATA" >

<!-- space-separated list of link types -->
<!ENTITY % LinkTypes.datatype "NMTOKENS" >

<!-- single or comma-separated list of media descriptors -->
<!ENTITY % MediaDesc.datatype "CDATA" >

<!-- pixel, percentage, or relative -->
<!ENTITY % MultiLength.datatype "CDATA" >

<!-- one or more digits (NUMBER) -->
<!ENTITY % Number.datatype "CDATA" >

<!-- integer representing length in pixels -->
<!ENTITY % Pixels.datatype "CDATA" >

<!-- script expression -->
<!ENTITY % Script.datatype "CDATA" >

<!-- textual content -->
```

```
<!ENTITY % Text.datatype "CDATA" >

<!-- Placeholder Compact URI-related types -->
<!ENTITY % CURIE.datatype "CDATA" >
<!ENTITY % CURIEs.datatype "CDATA" >
<!ENTITY % SafeCURIE.datatype "CDATA" >
<!ENTITY % SafeCURIEs.datatype "CDATA" >
<!ENTITY % URIorSafeCURIE.datatype "CDATA" >
<!ENTITY % URIorSafeCURIEs.datatype "CDATA" >

<!-- Imported Datatypes ................................ -->

<!-- a single character from [ISO10646] -->
<!ENTITY % Character.datatype "CDATA" >

<!-- a character encoding, as per [RFC2045] -->
<!ENTITY % Charset.datatype "CDATA" >

<!-- a space separated list of character encodings, as per [RFC2045] -->
<!ENTITY % Charsets.datatype "CDATA" >

<!-- Color specification using color name or sRGB (#RRGGBB) values -->
<!ENTITY % Color.datatype "CDATA" >

<!-- media type, as per [RFC2045] -->
<!ENTITY % ContentType.datatype "CDATA" >

<!-- comma-separated list of media types, as per [RFC2045] -->
<!ENTITY % ContentTypes.datatype "CDATA" >

<!-- date and time information. ISO date format -->
<!ENTITY % Datetime.datatype "CDATA" >

<!-- formal public identifier, as per [ISO8879] -->
<!ENTITY % FPI.datatype "CDATA" >

<!-- a language code, as per [RFC3066] or its successor -->
<!ENTITY % LanguageCode.datatype "CDATA" >

<!-- a comma separated list of language code ranges -->
<!ENTITY % LanguageCodes.datatype "CDATA" >

<!-- a qualified name , as per [XMLNS] or its successor -->
<!ENTITY % QName.datatype "CDATA" >
<!ENTITY % QNames.datatype "CDATA" >

<!-- a Uniform Resource Identifier, see [URI] -->
<!ENTITY % URI.datatype "CDATA" >

<!-- a space-separated list of Uniform Resource Identifiers, see [URI] -->
<!ENTITY % URIs.datatype "CDATA" >

<!-- a relative URI reference consisting of an initial '#' and a fragment ID -->
<!ENTITY % URIREF.datatype "CDATA" >

<!-- end of xhtml-datatypes-1.mod -->
```

F.2.4. XHTML Common Attribute Definitions

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-attribs-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-attribs-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Common Attributes Module  ...................................... -->
<!-- file: xhtml-attribs-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-attribs-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $ SMI

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ENTITIES XHTML Common Attributes 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-attribs-1.mod"

     Revisions:
```

```
      (none)
      .................................................................. -->

<!-- Common Attributes

      This module declares many of the common attributes for the XHTML DTD.
      %NS.decl.attrib; is declared in the XHTML Qname module.

      Note that this file was extended in XHTML Modularization 1.1 to
      include declarations of "global" versions of the attribute collections.
      The global versions of the attributes are for use on elements in other
      namespaces.  The global version of "common" includes the xmlns declaration
      for the prefixed version of the xhtml namespace.  If you are only using a
      specific attribute or an individual attribute collection, you must also
      include the XHTML.xmlns.attrib.prefixed PE on your elements.
-->

<!ENTITY % id.attrib
      "id            ID                    #IMPLIED"
>

<![%XHTML.global.attrs.prefixed;[
<!ENTITY % XHTML.global.id.attrib
      "%XHTML.prefix;:id         ID       #IMPLIED"
>
]]>

<!ENTITY % class.attrib
      "class        CDATA                 #IMPLIED"
>

<![%XHTML.global.attrs.prefixed;[
<!ENTITY % XHTML.global.class.attrib
      "%XHTML.prefix;:class       CDATA                 #IMPLIED"
>
]]>

<!ENTITY % title.attrib
      "title        %Text.datatype;       #IMPLIED"
>

<![%XHTML.global.attrs.prefixed;[
<!ENTITY % XHTML.global.title.attrib
      "%XHTML.prefix;:title       %Text.datatype;       #IMPLIED"
>
]]>

<!ENTITY % Core.extra.attrib "" >

<!ENTITY % Core.attrib
      "%XHTML.xmlns.attrib;
       %id.attrib;
       %class.attrib;
       %title.attrib;
       xml:space     ( preserve )           #FIXED 'preserve'
       %Core.extra.attrib;"
>

<!ENTITY % XHTML.global.core.extra.attrib "" >

<![%XHTML.global.attrs.prefixed;[

<!ENTITY % XHTML.global.core.attrib
      "%XHTML.global.id.attrib;
       %XHTML.global.class.attrib;
       %XHTML.global.title.attrib;
       %XHTML.global.core.extra.attrib;"
>
]]>

<!ENTITY % XHTML.global.core.attrib "" >


<!ENTITY % lang.attrib
      "xml:lang      %LanguageCode.datatype;  #IMPLIED"
>

<![%XHTML.bidi;[
```

```
<!ENTITY % dir.attrib
    "dir          ( ltr | rtl )              #IMPLIED"
>

<!ENTITY % I18n.attrib
    "%dir.attrib;
     %lang.attrib;"
>

<![%XHTML.global.attrs.prefixed;[
<!ENTITY XHTML.global.i18n.attrib
    "%XHTML.prefix;:dir         ( ltr | rtl )            #IMPLIED
     %lang.attrib;"
>
]]>
<!ENTITY XHTML.global.i18n.attrib "" >

]]>
<!ENTITY % I18n.attrib
    "%lang.attrib;"
>
<!ENTITY % XHTML.global.i18n.attrib
    "%lang.attrib;"
>

<!ENTITY % Common.extra.attrib "" >
<!ENTITY % XHTML.global.common.extra.attrib "" >

<!-- intrinsic event attributes declared previously
-->
<!ENTITY % Events.attrib "" >

<!ENTITY % XHTML.global.events.attrib "" >

<!ENTITY % Common.attrib
    "%Core.attrib;
     %I18n.attrib;
     %Events.attrib;
     %Common.extra.attrib;"
>

<!ENTITY % XHTML.global.common.attrib
    "%XHTML.xmlns.attrib.prefixed;
     %XHTML.global.core.attrib;
     %XHTML.global.i18n.attrib;
     %XHTML.global.events.attrib;
     %XHTML.global.common.extra.attrib;"
>

<!-- end of xhtml-attribs-1.mod -->
```

F.2.5. XHTML Qualified Names

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-qname-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-qname-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Qname Module  ................................................. -->
<!-- file: xhtml-qname-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-qname-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $ SMI

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ENTITIES XHTML Qualified Names 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-qname-1.mod"

     Revisions:
       #2000-10-22: added qname declarations for ruby elements
     ...................................................................... -->

<!-- XHTML Qname (Qualified Name) Module

     This module is contained in two parts, labeled Section 'A' and 'B':
```

Section A declares parameter entities to support namespace-
        qualified names, namespace declarations, and name prefixing
        for XHTML and extensions.

        Section B declares parameter entities used to provide
        namespace-qualified names for all XHTML element types:

          %applet.qname;   the xmlns-qualified name for <applet>
          %base.qname;   the xmlns-qualified name for <base>
          ...

     XHTML extensions would create a module similar to this one.
     Included in the XHTML distribution is a template module
     ('template-qname-1.mod') suitable for this purpose.
-->

<!-- Section A: XHTML XML Namespace Framework :::::::::::::::::::: -->

<!-- 1. Declare a %XHTML.prefixed; conditional section keyword, used
        to activate namespace prefixing. The default value should
        inherit '%NS.prefixed;' from the DTD driver, so that unless
        overridden, the default behaviour follows the overall DTD
        prefixing scheme.
-->
<!ENTITY % NS.prefixed "IGNORE" >
<!ENTITY % XHTML.prefixed "%NS.prefixed;" >

<!-- By default, we always permit XHTML attribute collections to have
     namespace-qualified prefixes as well.
-->
<!ENTITY % XHTML.global.attrs.prefixed "INCLUDE" >
<!-- By default, we allow the XML Schema attributes on the root
     element.
-->
<!ENTITY % XHTML.xsi.attrs "INCLUDE" >

<!-- 2. Declare a parameter entity (eg., %XHTML.xmlns;) containing
        the URI reference used to identify the XHTML namespace:
-->
<!ENTITY % XHTML.xmlns "http://www.w3.org/1999/xhtml" >

<!-- 3. Declare parameter entities (eg., %XHTML.prefix;) containing
        the default namespace prefix string(s) to use when prefixing
        is enabled. This may be overridden in the DTD driver or the
        internal subset of an document instance. If no default prefix
        is desired, this may be declared as an empty string.

     NOTE: As specified in [XMLNAMES], the namespace prefix serves
     as a proxy for the URI reference, and is not in itself significant.
-->
<!ENTITY % XHTML.prefix "xhtml" >

<!-- 4. Declare parameter entities (eg., %XHTML.pfx;) containing the
        colonized prefix(es) (eg., '%XHTML.prefix;:') used when
        prefixing is active, an empty string when it is not.
-->
<![%XHTML.prefixed;[
<!ENTITY % XHTML.pfx "%XHTML.prefix;:" >
]]>
<!ENTITY % XHTML.pfx "" >

<!-- declare qualified name extensions here .... -->
<!ENTITY % xhtml-qname-extra.mod "" >
%xhtml-qname-extra.mod;

<!-- 5. The parameter entity %XHTML.xmlns.extra.attrib; may be
        redeclared to contain any non-XHTML namespace declaration
        attributes for namespaces embedded in XHTML. The default
        is an empty string. XLink should be included here if used
        in the DTD.
-->
<!ENTITY % XHTML.xmlns.extra.attrib "" >

<!-- The remainder of Section A is only followed in XHTML, not extensions. -->

<!-- Declare a parameter entity %NS.decl.attrib; containing
     all XML Namespace declarations used in the DTD, plus the

```
    xmlns declaration for XHTML, its form dependent on whether
    prefixing is active.
-->
<!ENTITY % XHTML.xmlns.attrib.prefixed
    "xmlns:%XHTML.prefix;  %URI.datatype;    #FIXED '%XHTML.xmlns;'"
>
<![%XHTML.prefixed;[
<!ENTITY % NS.decl.attrib
    "%XHTML.xmlns.attrib.prefixed;
     %XHTML.xmlns.extra.attrib;"
>
]]>
<!ENTITY % NS.decl.attrib
    "%XHTML.xmlns.extra.attrib;"
>

<!-- Declare a parameter entity %XSI.prefix as a prefix to use for XML
     Schema Instance attributes.
-->
<!ENTITY % XSI.prefix "xsi" >

<!ENTITY % XSI.xmlns "http://www.w3.org/2001/XMLSchema-instance" >

<!-- Declare a parameter entity %XSI.xmlns.attrib as support for the
     schemaLocation attribute, since this is legal throughout the DTD.
-->
<!ENTITY % XSI.xmlns.attrib
    "xmlns:%XSI.prefix;  %URI.datatype;    #FIXED '%XSI.xmlns;'" >

<!-- This is a placeholder for future XLink support.
-->
<!ENTITY % XLINK.xmlns.attrib "" >

<!-- This is the attribute for the XML Schema namespace - XHTML
     Modularization is also expressed in XML Schema, and it needs to
     be legal to declare the XML Schema namespace and the
     schemaLocation attribute on the root element of XHTML family
     documents.
-->
<![%XHTML.xsi.attrs;[
<!ENTITY % XSI.prefix "xsi" >
<!ENTITY % XSI.pfx "%XSI.prefix;:" >
<!ENTITY % XSI.xmlns "http://www.w3.org/2001/XMLSchema-instance" >

<!ENTITY % XSI.xmlns.attrib
    "xmlns:%XSI.prefix;  %URI.datatype;     #FIXED '%XSI.xmlns;'"
>
]]>
<!ENTITY % XSI.prefix "" >
<!ENTITY % XSI.pfx "" >
<!ENTITY % XSI.xmlns.attrib "" >


<!-- Declare a parameter entity %NS.decl.attrib; containing all
     XML namespace declaration attributes used by XHTML, including
     a default xmlns attribute when prefixing is inactive.
-->
<![%XHTML.prefixed;[
<!ENTITY % XHTML.xmlns.attrib
    "%NS.decl.attrib;
     %XSI.xmlns.attrib;
     %XLINK.xmlns.attrib;"
>
]]>
<!ENTITY % XHTML.xmlns.attrib
    "xmlns        %URI.datatype;           #FIXED '%XHTML.xmlns;'
     %NS.decl.attrib;
     %XSI.xmlns.attrib;
     %XLINK.xmlns.attrib;"
>

<!-- placeholder for qualified name redeclarations -->
<!ENTITY % xhtml-qname.redecl "" >
%xhtml-qname.redecl;

<!-- Section B: XHTML Qualified Names :::::::::::::::::::::::::::::::: -->

<!-- 6. This section declares parameter entities used to provide
```

```
        namespace-qualified names for all XHTML element types.
-->

<!-- module:  xhtml-applet-1.mod -->
<!ENTITY % applet.qname  "%XHTML.pfx;applet" >

<!-- module:  xhtml-base-1.mod -->
<!ENTITY % base.qname    "%XHTML.pfx;base" >

<!-- module:  xhtml-bdo-1.mod -->
<!ENTITY % bdo.qname     "%XHTML.pfx;bdo" >

<!-- module:  xhtml-blkphras-1.mod -->
<!ENTITY % address.qname "%XHTML.pfx;address" >
<!ENTITY % blockquote.qname  "%XHTML.pfx;blockquote" >
<!ENTITY % pre.qname     "%XHTML.pfx;pre" >
<!ENTITY % h1.qname      "%XHTML.pfx;h1" >
<!ENTITY % h2.qname      "%XHTML.pfx;h2" >
<!ENTITY % h3.qname      "%XHTML.pfx;h3" >
<!ENTITY % h4.qname      "%XHTML.pfx;h4" >
<!ENTITY % h5.qname      "%XHTML.pfx;h5" >
<!ENTITY % h6.qname      "%XHTML.pfx;h6" >

<!-- module:  xhtml-blkpres-1.mod -->
<!ENTITY % hr.qname      "%XHTML.pfx;hr" >

<!-- module:  xhtml-blkstruct-1.mod -->
<!ENTITY % div.qname     "%XHTML.pfx;div" >
<!ENTITY % p.qname       "%XHTML.pfx;p" >

<!-- module:  xhtml-edit-1.mod -->
<!ENTITY % ins.qname     "%XHTML.pfx;ins" >
<!ENTITY % del.qname     "%XHTML.pfx;del" >

<!-- module:  xhtml-form-1.mod -->
<!ENTITY % form.qname    "%XHTML.pfx;form" >
<!ENTITY % label.qname   "%XHTML.pfx;label" >
<!ENTITY % input.qname   "%XHTML.pfx;input" >
<!ENTITY % select.qname  "%XHTML.pfx;select" >
<!ENTITY % optgroup.qname  "%XHTML.pfx;optgroup" >
<!ENTITY % option.qname  "%XHTML.pfx;option" >
<!ENTITY % textarea.qname  "%XHTML.pfx;textarea" >
<!ENTITY % fieldset.qname  "%XHTML.pfx;fieldset" >
<!ENTITY % legend.qname  "%XHTML.pfx;legend" >
<!ENTITY % button.qname  "%XHTML.pfx;button" >

<!-- module:  xhtml-hypertext-1.mod -->
<!ENTITY % a.qname       "%XHTML.pfx;a" >

<!-- module:  xhtml-image-1.mod -->
<!ENTITY % img.qname     "%XHTML.pfx;img" >

<!-- module:  xhtml-inlphras-1.mod -->
<!ENTITY % abbr.qname    "%XHTML.pfx;abbr" >
<!ENTITY % acronym.qname "%XHTML.pfx;acronym" >
<!ENTITY % cite.qname    "%XHTML.pfx;cite" >
<!ENTITY % code.qname    "%XHTML.pfx;code" >
<!ENTITY % dfn.qname     "%XHTML.pfx;dfn" >
<!ENTITY % em.qname      "%XHTML.pfx;em" >
<!ENTITY % kbd.qname     "%XHTML.pfx;kbd" >
<!ENTITY % q.qname       "%XHTML.pfx;q" >
<!ENTITY % samp.qname    "%XHTML.pfx;samp" >
<!ENTITY % strong.qname  "%XHTML.pfx;strong" >
<!ENTITY % var.qname     "%XHTML.pfx;var" >

<!-- module:  xhtml-inlpres-1.mod -->
<!ENTITY % b.qname       "%XHTML.pfx;b" >
<!ENTITY % big.qname     "%XHTML.pfx;big" >
<!ENTITY % i.qname       "%XHTML.pfx;i" >
<!ENTITY % small.qname   "%XHTML.pfx;small" >
<!ENTITY % sub.qname     "%XHTML.pfx;sub" >
<!ENTITY % sup.qname     "%XHTML.pfx;sup" >
<!ENTITY % tt.qname      "%XHTML.pfx;tt" >

<!-- module:  xhtml-inlstruct-1.mod -->
<!ENTITY % br.qname      "%XHTML.pfx;br" >
<!ENTITY % span.qname    "%XHTML.pfx;span" >
```

```
<!-- module:  xhtml-ismap-1.mod (also csismap, ssismap) -->
<!ENTITY % map.qname       "%XHTML.pfx;map" >
<!ENTITY % area.qname      "%XHTML.pfx;area" >

<!-- module:  xhtml-link-1.mod -->
<!ENTITY % link.qname      "%XHTML.pfx;link" >

<!-- module:  xhtml-list-1.mod -->
<!ENTITY % dl.qname        "%XHTML.pfx;dl" >
<!ENTITY % dt.qname        "%XHTML.pfx;dt" >
<!ENTITY % dd.qname        "%XHTML.pfx;dd" >
<!ENTITY % ol.qname        "%XHTML.pfx;ol" >
<!ENTITY % ul.qname        "%XHTML.pfx;ul" >
<!ENTITY % li.qname        "%XHTML.pfx;li" >

<!-- module:  xhtml-meta-1.mod -->
<!ENTITY % meta.qname      "%XHTML.pfx;meta" >

<!-- module:  xhtml-param-1.mod -->
<!ENTITY % param.qname     "%XHTML.pfx;param" >

<!-- module:  xhtml-object-1.mod -->
<!ENTITY % object.qname    "%XHTML.pfx;object" >

<!-- module:  xhtml-script-1.mod -->
<!ENTITY % script.qname    "%XHTML.pfx;script" >
<!ENTITY % noscript.qname  "%XHTML.pfx;noscript" >

<!-- module:  xhtml-struct-1.mod -->
<!ENTITY % html.qname      "%XHTML.pfx;html" >
<!ENTITY % head.qname      "%XHTML.pfx;head" >
<!ENTITY % title.qname     "%XHTML.pfx;title" >
<!ENTITY % body.qname      "%XHTML.pfx;body" >

<!-- module:  xhtml-style-1.mod -->
<!ENTITY % style.qname     "%XHTML.pfx;style" >

<!-- module:  xhtml-table-1.mod -->
<!ENTITY % table.qname     "%XHTML.pfx;table" >
<!ENTITY % caption.qname   "%XHTML.pfx;caption" >
<!ENTITY % thead.qname     "%XHTML.pfx;thead" >
<!ENTITY % tfoot.qname     "%XHTML.pfx;tfoot" >
<!ENTITY % tbody.qname     "%XHTML.pfx;tbody" >
<!ENTITY % colgroup.qname  "%XHTML.pfx;colgroup" >
<!ENTITY % col.qname       "%XHTML.pfx;col" >
<!ENTITY % tr.qname        "%XHTML.pfx;tr" >
<!ENTITY % th.qname        "%XHTML.pfx;th" >
<!ENTITY % td.qname        "%XHTML.pfx;td" >

<!-- module:  xhtml-ruby-1.mod -->

<!ENTITY % ruby.qname      "%XHTML.pfx;ruby" >
<!ENTITY % rbc.qname       "%XHTML.pfx;rbc" >
<!ENTITY % rtc.qname       "%XHTML.pfx;rtc" >
<!ENTITY % rb.qname        "%XHTML.pfx;rb" >
<!ENTITY % rt.qname        "%XHTML.pfx;rt" >
<!ENTITY % rp.qname        "%XHTML.pfx;rp" >

<!-- Provisional XHTML 2.0 Qualified Names  ..................... -->

<!-- module:  xhtml-image-2.mod -->
<!ENTITY % alt.qname       "%XHTML.pfx;alt" >

<!-- end of xhtml-qname-1.mod -->
```

F.2.6. XHTML Character Entities

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-charent-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-charent-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Character Entities Module  ......................................... -->
<!-- file: xhtml-charent-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
```

```
        Revision: $Id: xhtml-charent-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $ SMI

        This DTD module is identified by the PUBLIC and SYSTEM identifiers:

          PUBLIC "-//W3C//ENTITIES XHTML Character Entities 1.0//EN"
          SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-charent-1.mod"

        Revisions:
        (none)
        ................................................................ -->

<!-- Character Entities for XHTML

        This module declares the set of character entities for XHTML,
        including the Latin 1, Symbol and Special character collections.
-->

<!ENTITY % xhtml-lat1
        PUBLIC "-//W3C//ENTITIES Latin 1 for XHTML//EN"
               "xhtml-lat1.ent" >
%xhtml-lat1;

<!ENTITY % xhtml-symbol
        PUBLIC "-//W3C//ENTITIES Symbols for XHTML//EN"
               "xhtml-symbol.ent" >
%xhtml-symbol;

<!ENTITY % xhtml-special
        PUBLIC "-//W3C//ENTITIES Special for XHTML//EN"
               "xhtml-special.ent" >
%xhtml-special;

<!-- end of xhtml-charent-1.mod -->
```

F.3. XHTML Module Implementations

This section contains the formal definition of each of the XHTML Abstract Modules as a DTD module.

F.3.1. XHTML Core Modules

F.3.1.1. Structure

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-struct-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-struct-1.mod.

```
<!-- ................................................................ -->
<!-- XHTML Structure Module  .......................................... -->
<!-- file: xhtml-struct-1.mod

        This is XHTML, a reformulation of HTML as a modular XML application.
        Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
        Revision: $Id: xhtml-struct-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $ SMI

        This DTD module is identified by the PUBLIC and SYSTEM identifiers:

          PUBLIC "-//W3C//ELEMENTS XHTML Document Structure 1.0//EN"
          SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-struct-1.mod"

        Revisions:
        (none)
        ................................................................ -->

<!-- Document Structure

          title, head, body, html

        The Structure Module defines the major structural elements and
        their attributes.

        Note that the content model of the head element type is redeclared
        when the Base Module is included in the DTD.

        The parameter entity containing the XML namespace URI value used
        for XHTML is '%XHTML.xmlns;', defined in the Qualified Names module.
```

```
-->

<!-- title: Document Title ............................ -->

<!-- The title element is not considered part of the flow of text.
     It should be displayed, for example as the page header or
     window title. Exactly one title is required per document.
-->

<!ENTITY % title.element  "INCLUDE" >
<![%title.element;[
<!ENTITY % title.content  "( #PCDATA )" >
<!ENTITY % title.qname  "title" >
<!ELEMENT %title.qname;  %title.content; >
<!-- end of title.element -->]]>

<!ENTITY % title.attlist  "INCLUDE" >
<![%title.attlist;[
<!ATTLIST %title.qname;
      %XHTML.xmlns.attrib;
      %I18n.attrib;
>
<!-- end of title.attlist -->]]>

<!-- head: Document Head ............................ -->

<!ENTITY % head.element  "INCLUDE" >
<![%head.element;[
<!ENTITY % head.content
    "( %HeadOpts.mix;, %title.qname;, %HeadOpts.mix; )"
>
<!ENTITY % head.qname  "head" >
<!ELEMENT %head.qname;  %head.content; >
<!-- end of head.element -->]]>

<!ENTITY % head.attlist  "INCLUDE" >
<![%head.attlist;[
<!-- reserved for future use with document profiles
-->
<!ENTITY % profile.attrib
    "profile      %URIs.datatype;           #IMPLIED"
>

<!ATTLIST %head.qname;
      %XHTML.xmlns.attrib;
      %I18n.attrib;
      %profile.attrib;
      %id.attrib;
>
<!-- end of head.attlist -->]]>

<!-- body: Document Body ............................ -->

<!ENTITY % body.element  "INCLUDE" >
<![%body.element;[
<!ENTITY % body.content
    "( %Block.mix; )*"
>
<!ENTITY % body.qname  "body" >
<!ELEMENT %body.qname;  %body.content; >
<!-- end of body.element -->]]>

<!ENTITY % body.attlist  "INCLUDE" >
<![%body.attlist;[
<!ATTLIST %body.qname;
      %Common.attrib;
>
<!-- end of body.attlist -->]]>

<!-- html: XHTML Document Element ..................... -->

<!ENTITY % html.element  "INCLUDE" >
<![%html.element;[
<!ENTITY % html.content  "( %head.qname;, %body.qname; )" >
<!ENTITY % html.qname  "html" >
<!ELEMENT %html.qname;  %html.content; >
<!-- end of html.element -->]]>
```

```
<![%XHTML.xsi.attrs;[
<!-- define a parameter for the XSI schemaLocation attribute -->
<!ENTITY % XSI.schemaLocation.attrib
    "%XSI.pfx;schemaLocation  %URIs.datatype;    #IMPLIED"
>
]]>
<!ENTITY % XSI.schemaLocation.attrib "">

<!ENTITY % html.attlist  "INCLUDE" >
<![%html.attlist;[
<!-- version attribute value defined in driver
-->
<!ENTITY % XHTML.version.attrib
    "version     CDATA           #FIXED '%XHTML.version;'"
>

<!-- see the Qualified Names module for information
     on how to extend XHTML using XML namespaces
-->
<!ATTLIST %html.qname;
      %XHTML.xmlns.attrib;
      %XSI.schemaLocation.attrib;
      %XHTML.version.attrib;
      %I18n.attrib;
      %id.attrib;
>
<!-- end of html.attlist -->]]>

<!-- end of xhtml-struct-1.mod -->
```

F.3.1.2. Text

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-text-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-text-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Text Module  .................................................. -->
<!-- file: xhtml-text-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-text-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $ SMI

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ELEMENTS XHTML Text 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-text-1.mod"

     Revisions:
     (none)
     ................................................................... -->

<!-- Textual Content

     The Text module includes declarations for all core
     text container elements and their attributes.
-->

<!ENTITY % xhtml-inlstruct.module "INCLUDE" >
<![%xhtml-inlstruct.module;[
<!ENTITY % xhtml-inlstruct.mod
     PUBLIC "-//W3C//ELEMENTS XHTML Inline Structural 1.0//EN"
            "xhtml-inlstruct-1.mod" >
%xhtml-inlstruct.mod;]]>

<!ENTITY % xhtml-inlphras.module "INCLUDE" >
<![%xhtml-inlphras.module;[
<!ENTITY % xhtml-inlphras.mod
     PUBLIC "-//W3C//ELEMENTS XHTML Inline Phrasal 1.0//EN"
            "xhtml-inlphras-1.mod" >
%xhtml-inlphras.mod;]]>

<!ENTITY % xhtml-blkstruct.module "INCLUDE" >
<![%xhtml-blkstruct.module;[
<!ENTITY % xhtml-blkstruct.mod
     PUBLIC "-//W3C//ELEMENTS XHTML Block Structural 1.0//EN"
```

```
                  "xhtml-blkstruct.mod" >
%xhtml-blkstruct.mod;]]>

<!ENTITY % xhtml-blkphras.module "INCLUDE" >
<![%xhtml-blkphras.module;[
<!ENTITY % xhtml-blkphras.mod
      PUBLIC "-//W3C//ELEMENTS XHTML Block Phrasal 1.0//EN"
             "xhtml-blkphras-1.mod" >
%xhtml-blkphras.mod;]]>

<!-- end of xhtml-text-1.mod -->
```

F.3.1.3. Hypertext

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-hypertext-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-hypertext-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Hypertext Module  .............................................. -->
<!-- file: xhtml-hypertext-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-hypertext-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $ SMI

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ELEMENTS XHTML Hypertext 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-hypertext-1.mod"

     Revisions:
     (none)
     ................................................................ -->

<!-- Hypertext

        a

     This module declares the anchor ('a') element type, which
     defines the source of a hypertext link. The destination
     (or link 'target') is identified via its 'id' attribute
     rather than the 'name' attribute as was used in HTML.
-->

<!-- ............  Anchor Element  ............ -->

<!ENTITY % a.element  "INCLUDE" >
<![%a.element;[
<!ENTITY % a.content
     "( #PCDATA | %InlNoAnchor.mix; )*"
>
<!ENTITY % a.qname  "a" >
<!ELEMENT %a.qname;  %a.content; >
<!-- end of a.element -->]]>

<!ENTITY % a.attlist  "INCLUDE" >
<![%a.attlist;[
<!ATTLIST %a.qname;
     %Common.attrib;
     href         %URI.datatype;          #IMPLIED
     charset      %Charset.datatype;      #IMPLIED
     type         %ContentType.datatype;  #IMPLIED
     hreflang     %LanguageCode.datatype; #IMPLIED
     rel          %LinkTypes.datatype;    #IMPLIED
     rev          %LinkTypes.datatype;    #IMPLIED
     accesskey    %Character.datatype;    #IMPLIED
     tabindex     %Number.datatype;       #IMPLIED
>
<!-- end of a.attlist -->]]>

<!-- end of xhtml-hypertext-1.mod -->
```

F.3.1.4. Lists

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-list-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-list-1.mod.

```
<!-- ....................................................... -->
<!-- XHTML Lists Module  ................................... -->
<!-- file: xhtml-list-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-list-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $ SMI

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ELEMENTS XHTML Lists 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-list-1.mod"

     Revisions:
     (none)
     ................................................................ -->

<!-- Lists

        dl, dt, dd, ol, ul, li

     This module declares the list-oriented element types
     and their attributes.
-->

<!ENTITY % dl.qname  "dl" >
<!ENTITY % dt.qname  "dt" >
<!ENTITY % dd.qname  "dd" >
<!ENTITY % ol.qname  "ol" >
<!ENTITY % ul.qname  "ul" >
<!ENTITY % li.qname  "li" >

<!-- dl: Definition List ............................. -->

<!ENTITY % dl.element  "INCLUDE" >
<![%dl.element;[
<!ENTITY % dl.content  "( %dt.qname; | %dd.qname; )+" >
<!ELEMENT %dl.qname;  %dl.content; >
<!-- end of dl.element -->]]>

<!ENTITY % dl.attlist  "INCLUDE" >
<![%dl.attlist;[
<!ATTLIST %dl.qname;
      %Common.attrib;
>
<!-- end of dl.attlist -->]]>

<!-- dt: Definition Term ............................. -->

<!ENTITY % dt.element  "INCLUDE" >
<![%dt.element;[
<!ENTITY % dt.content
     "( #PCDATA | %Inline.mix; )*"
>
<!ELEMENT %dt.qname;  %dt.content; >
<!-- end of dt.element -->]]>

<!ENTITY % dt.attlist  "INCLUDE" >
<![%dt.attlist;[
<!ATTLIST %dt.qname;
      %Common.attrib;
>
<!-- end of dt.attlist -->]]>

<!-- dd: Definition Description ........................ -->

<!ENTITY % dd.element  "INCLUDE" >
<![%dd.element;[
<!ENTITY % dd.content
     "( #PCDATA | %Flow.mix; )*"
>
<!ELEMENT %dd.qname;  %dd.content; >
<!-- end of dd.element -->]]>
```

```
<!ENTITY % dd.attlist  "INCLUDE" >
<![%dd.attlist;[
<!ATTLIST %dd.qname;
      %Common.attrib;
>
<!-- end of dd.attlist -->]]>

<!-- ol: Ordered List (numbered styles) ................ -->

<!ENTITY % ol.element  "INCLUDE" >
<![%ol.element;[
<!ENTITY % ol.content  "( %li.qname; )+" >
<!ELEMENT %ol.qname;  %ol.content; >
<!-- end of ol.element -->]]>

<!ENTITY % ol.attlist  "INCLUDE" >
<![%ol.attlist;[
<!ATTLIST %ol.qname;
      %Common.attrib;
>
<!-- end of ol.attlist -->]]>

<!-- ul: Unordered List (bullet styles) ................ -->

<!ENTITY % ul.element  "INCLUDE" >
<![%ul.element;[
<!ENTITY % ul.content  "( %li.qname; )+" >
<!ELEMENT %ul.qname;  %ul.content; >
<!-- end of ul.element -->]]>

<!ENTITY % ul.attlist  "INCLUDE" >
<![%ul.attlist;[
<!ATTLIST %ul.qname;
      %Common.attrib;
>
<!-- end of ul.attlist -->]]>

<!-- li: List Item .................................... -->

<!ENTITY % li.element  "INCLUDE" >
<![%li.element;[
<!ENTITY % li.content
     "( #PCDATA | %Flow.mix; )*"
>
<!ELEMENT %li.qname;  %li.content; >
<!-- end of li.element -->]]>

<!ENTITY % li.attlist  "INCLUDE" >
<![%li.attlist;[
<!ATTLIST %li.qname;
      %Common.attrib;
>
<!-- end of li.attlist -->]]>

<!-- end of xhtml-list-1.mod -->
```

F.3.2. Applet

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-applet-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-applet-1.mod.

```
<!-- .................................................................. -->
<!-- XHTML Java Applet Module  ........................................ -->
<!-- file: xhtml-applet-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-applet-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $ SMI

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ELEMENTS XHTML Java Applets 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-applet-1.mod"

     Revisions:
```

```
       #2001-02-20: added PCDATA to content model of applet
       ................................................................. -->

<!-- Java Applets

        applet

    This module declares the applet element type and its attributes,
    used to provide support for Java applets. The 'alt' attribute is
    now required (as it is on images). One of either code or object
    attributes must be present. In the document, place param elements
    before other content within the <applet> element.

    Note that use of this module requires instantiation of the Param
    Element Module.
-->

<!-- applet: Java Applet .............................. -->

<!ENTITY % applet.element  "INCLUDE" >
<![%applet.element;[
<!ENTITY % applet.content
    "( #PCDATA | %param.qname; | %Flow.mix; )*"
>
<!ENTITY % applet.qname  "applet" >
<!ELEMENT %applet.qname;  %applet.content; >
<!-- end of applet.element -->]]>

<!ENTITY % applet.attlist  "INCLUDE" >
<![%applet.attlist;[
<!ATTLIST %applet.qname;
    %Core.attrib;
    alt          %Text.datatype;          #REQUIRED
    archive      CDATA                    #IMPLIED
    code         CDATA                    #IMPLIED
    codebase     %URI.datatype;           #IMPLIED
    object       CDATA                    #IMPLIED
    width        %Length.datatype;        #REQUIRED
    height       %Length.datatype;        #REQUIRED
>
<!-- end of applet.attlist -->]]>

<!-- end of xhtml-applet-1.mod -->
```

F.3.3. Text Modules

F.3.3.1. Presentation

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-pres-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-pres-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Presentation Module ............................................ -->
<!-- file: xhtml-pres-1.mod

    This is XHTML, a reformulation of HTML as a modular XML application.
    Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
    Revision: $Id: xhtml-pres-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $ SMI

    This DTD module is identified by the PUBLIC and SYSTEM identifiers:

      PUBLIC "-//W3C//ELEMENTS XHTML Presentation 1.0//EN"
      SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-pres-1.mod"

    Revisions:
    (none)
    ...................................................................... -->

<!-- Presentational Elements

    This module defines elements and their attributes for
    simple presentation-related markup.
-->

<!ENTITY % xhtml-inlpres.module "INCLUDE" >
<![%xhtml-inlpres.module;[
```

```
<!ENTITY % xhtml-inlpres.mod
      PUBLIC "-//W3C//ELEMENTS XHTML Inline Presentation 1.0//EN"
              "xhtml-inlpres-1.mod" >
%xhtml-inlpres.mod;]]>

<!ENTITY % xhtml-blkpres.module "INCLUDE" >
<![%xhtml-blkpres.module;[
<!ENTITY % xhtml-blkpres.mod
      PUBLIC "-//W3C//ELEMENTS XHTML Block Presentation 1.0//EN"
              "xhtml-blkpres-1.mod" >
%xhtml-blkpres.mod;]]>

<!-- end of xhtml-pres-1.mod -->
```

F.3.3.2. Edit

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-edit-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-edit-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Editing Elements Module  ....................................... -->
<!-- file: xhtml-edit-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-edit-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $ SMI

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ELEMENTS XHTML Editing Markup 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-edit-1.mod"

     Revisions:
     (none)
     ...................................................................... -->

<!-- Editing Elements

        ins, del

     This module declares element types and attributes used to indicate
     inserted and deleted content while editing a document.
-->

<!-- ins: Inserted Text  ............................... -->

<!ENTITY % ins.element  "INCLUDE" >
<![%ins.element;[
<!ENTITY % ins.content
     "( #PCDATA | %Flow.mix; )*"
>
<!ENTITY % ins.qname  "ins" >
<!ELEMENT %ins.qname;  %ins.content; >
<!-- end of ins.element -->]]>

<!ENTITY % ins.attlist  "INCLUDE" >
<![%ins.attlist;[
<!ATTLIST %ins.qname;
     %Common.attrib;
     cite          %URI.datatype;           #IMPLIED
     datetime      %Datetime.datatype;      #IMPLIED
>
<!-- end of ins.attlist -->]]>

<!-- del: Deleted Text  ............................... -->

<!ENTITY % del.element  "INCLUDE" >
<![%del.element;[
<!ENTITY % del.content
     "( #PCDATA | %Flow.mix; )*"
>
<!ENTITY % del.qname  "del" >
<!ELEMENT %del.qname;  %del.content; >
<!-- end of del.element -->]]>

<!ENTITY % del.attlist  "INCLUDE" >
```

```
<![%del.attlist;[
<!ATTLIST %del.qname;
        %Common.attrib;
        cite           %URI.datatype;              #IMPLIED
        datetime       %Datetime.datatype;         #IMPLIED
>
<!-- end of del.attlist -->]]>

<!-- end of xhtml-edit-1.mod -->
```

F.3.3.3. Bi-directional Text

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-bdo-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-bdo-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML BDO Element Module ............................................. -->
<!-- file: xhtml-bdo-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-bdo-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $ SMI

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ELEMENTS XHTML BDO Element 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-bdo-1.mod"

     Revisions:
     (none)
     ...................................................................... -->

<!-- Bidirectional Override (bdo) Element

     This modules declares the element 'bdo', used to override the
     Unicode bidirectional algorithm for selected fragments of text.

     DEPENDENCIES:
     Relies on the conditional section keyword %XHTML.bidi; declared
     as "INCLUDE". Bidirectional text support includes both the bdo
     element and the 'dir' attribute.
-->

<!ENTITY % bdo.element  "INCLUDE" >
<![%bdo.element;[
<!ENTITY % bdo.content
     "( #PCDATA | %Inline.mix; )*"
>
<!ENTITY % bdo.qname  "bdo" >
<!ELEMENT %bdo.qname;  %bdo.content; >
<!-- end of bdo.element -->]]>

<!ENTITY % bdo.attlist  "INCLUDE" >
<![%bdo.attlist;[
<!ATTLIST %bdo.qname;
        %Core.attrib;
        %lang.attrib;
        dir            ( ltr | rtl )              #REQUIRED
>
]]>

<!-- end of xhtml-bdo-1.mod -->
```

F.3.4. Forms

F.3.4.1. Basic Forms

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-basic-form-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-basic-form-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Simplified Forms Module  ....................................... -->
<!-- file: xhtml-basic-form-1.mod
```

```
      This is XHTML Basic, a proper subset of XHTML.
      Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
      Revision: $Id: xhtml-basic-form-1.mod,v 4.1 2001/04/05 06:57:40 altheim Exp $ SMI

      This DTD module is identified by the PUBLIC and SYSTEM identifiers:

        PUBLIC "-//W3C//ELEMENTS XHTML Basic Forms 1.0//EN"
        SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-basic-form-1.mod"

      Revisions:
      (none)
      ..................................................................... -->

<!-- Basic Forms

      This forms module is based on the HTML 3.2 forms model, with
      the WAI-requested addition of the label element. While this
      module essentially mimics the content model and attributes of
      HTML 3.2 forms, the element types declared herein also include
      all HTML 4 common attributes.

          form, label, input, select, option, textarea
-->

<!-- declare qualified element type names:
-->
<!ENTITY % form.qname    "form" >
<!ENTITY % label.qname   "label" >
<!ENTITY % input.qname   "input" >
<!ENTITY % select.qname  "select" >
<!ENTITY % option.qname  "option" >
<!ENTITY % textarea.qname  "textarea" >

<!-- %BlkNoForm.mix; includes all non-form block elements,
      plus %Misc.class;
-->
<!ENTITY % BlkNoForm.mix
      "%Heading.class;
        | %List.class;
        | %BlkStruct.class;
        %BlkPhras.class;
        %BlkPres.class;
        | %table.qname;
        %Block.extra;
        %Misc.class;"
>

<!-- form: Form Element ............................... -->

<!ENTITY % form.element   "INCLUDE" >
<![%form.element;[
<!ENTITY % form.content
      "( %BlkNoForm.mix; )+"
>
<!ELEMENT %form.qname;  %form.content; >
<!-- end of form.element -->]]>

<!ENTITY % form.attlist   "INCLUDE" >
<![%form.attlist;[
<!ATTLIST %form.qname;
      %Common.attrib;
      action      %URI.datatype;           #REQUIRED
      method      ( get | post )           'get'
      name        CDATA                    #IMPLIED
      enctype     %ContentType.datatype;   'application/x-www-form-urlencoded'
>
<!-- end of form.attlist -->]]>

<!-- label: Form Field Label Text ..................... -->

<!ENTITY % label.element   "INCLUDE" >
<![%label.element;[
<!-- Each label must not contain more than ONE field
-->
<!ENTITY % label.content
      "( #PCDATA
        | %input.qname; | %select.qname; | %textarea.qname;
```

```
       | %InlStruct.class;
       %InlPhras.class;
       %I18n.class;
       %InlPres.class;
       %InlSpecial.class;
       %Misc.class; )*"
>
<!ELEMENT %label.qname;  %label.content; >
<!-- end of label.element -->]]>

<!ENTITY % label.attlist  "INCLUDE" >
<![%label.attlist;[
<!ATTLIST %label.qname;
       %Common.attrib;
       for            IDREF                   #IMPLIED
       accesskey      %Character.datatype;    #IMPLIED
>
<!-- end of label.attlist -->]]>

<!-- input: Form Control ............................. -->

<!ENTITY % input.element  "INCLUDE" >
<![%input.element;[
<!ENTITY % input.content  "EMPTY" >
<!ELEMENT %input.qname;  %input.content; >
<!-- end of input.element -->]]>

<!-- Basic Forms removes 'button', 'image' and 'file' input types.
-->
<!ENTITY % input.attlist  "INCLUDE" >
<![%input.attlist;[
<!ENTITY % InputType.class
       "( text | password | checkbox | radio
       | submit | reset | hidden )"
>
<!-- attribute name required for all but submit & reset
-->
<!ATTLIST %input.qname;
       %Common.attrib;
       type           %InputType.class;       'text'
       name           CDATA                   #IMPLIED
       value          CDATA                   #IMPLIED
       checked        ( checked )             #IMPLIED
       size           %Number.datatype;       #IMPLIED
       maxlength      %Number.datatype;       #IMPLIED
       src            %URI.datatype;          #IMPLIED
       tabindex       %Number.datatype;       #IMPLIED
       accesskey      %Character.datatype;    #IMPLIED
>
<!-- end of input.attlist -->]]>

<!-- select: Option Selector .......................... -->

<!ENTITY % select.element  "INCLUDE" >
<![%select.element;[
<!ENTITY % select.content  "( %option.qname; )+" >
<!ELEMENT %select.qname;  %select.content; >
<!-- end of select.element -->]]>

<!ENTITY % select.attlist  "INCLUDE" >
<![%select.attlist;[
<!ATTLIST %select.qname;
       %Common.attrib;
       name           CDATA                   #IMPLIED
       size           %Number.datatype;       #IMPLIED
       multiple       ( multiple )            #IMPLIED
       tabindex       %Number.datatype;       #IMPLIED
>
<!-- end of select.attlist -->]]>

<!-- option: Selectable Choice ........................ -->

<!ENTITY % option.element  "INCLUDE" >
<![%option.element;[
<!ENTITY % option.content  "( #PCDATA )" >
<!ELEMENT %option.qname;  %option.content; >
<!-- end of option.element -->]]>
```

```
<!ENTITY % option.attlist  "INCLUDE" >
<![%option.attlist;[
<!ATTLIST %option.qname;
      %Common.attrib;
      selected     ( selected )            #IMPLIED
      value        CDATA                   #IMPLIED
>
<!-- end of option.attlist -->]]>

<!-- textarea: Multi-Line Text Field ................... -->

<!ENTITY % textarea.element  "INCLUDE" >
<![%textarea.element;[
<!ENTITY % textarea.content  "( #PCDATA )" >
<!ELEMENT %textarea.qname;  %textarea.content; >
<!-- end of textarea.element -->]]>

<!ENTITY % textarea.attlist  "INCLUDE" >
<![%textarea.attlist;[
<!ATTLIST %textarea.qname;
      %Common.attrib;
      name         CDATA                   #IMPLIED
      rows         %Number.datatype;       #REQUIRED
      cols         %Number.datatype;       #REQUIRED
      tabindex     %Number.datatype;       #IMPLIED
      accesskey    %Character.datatype;    #IMPLIED
>
<!-- end of textarea.attlist -->]]>

<!-- end of xhtml-basic-form-1.mod -->
```

F.3.4.2. Forms

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-form-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-form-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Forms Module  ................................................. -->
<!-- file: xhtml-form-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-form-1.mod,v 4.1 2001/04/10 09:42:30 altheim Exp $ SMI

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ELEMENTS XHTML Forms 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-form-1.mod"

     Revisions:
     (none)
     ...................................................................... -->

<!-- Forms

        form, label, input, select, optgroup, option,
        textarea, fieldset, legend, button

     This module declares markup to provide support for online
     forms, based on the features found in HTML 4 forms.
-->

<!-- declare qualified element type names:
-->
<!ENTITY % form.qname   "form" >
<!ENTITY % label.qname   "label" >
<!ENTITY % input.qname   "input" >
<!ENTITY % select.qname   "select" >
<!ENTITY % optgroup.qname   "optgroup" >
<!ENTITY % option.qname   "option" >
<!ENTITY % textarea.qname   "textarea" >
<!ENTITY % fieldset.qname   "fieldset" >
<!ENTITY % legend.qname   "legend" >
<!ENTITY % button.qname   "button" >

<!-- %BlkNoForm.mix; includes all non-form block elements,
```

```
     plus %Misc.class;
-->
<!ENTITY % BlkNoForm.mix
     "%Heading.class;
      | %List.class;
      | %BlkStruct.class;
      %BlkPhras.class;
      %BlkPres.class;
      %Table.class;
      %Block.extra;
      %Misc.class;"
>

<!-- form: Form Element ................................ -->

<!ENTITY % form.element  "INCLUDE" >
<![%form.element;[
<!ENTITY % form.content
     "( %BlkNoForm.mix;
      | %fieldset.qname; )+"
>
<!ELEMENT %form.qname;  %form.content; >
<!-- end of form.element -->]]>

<!ENTITY % form.attlist  "INCLUDE" >
<![%form.attlist;[
<!ATTLIST %form.qname;
     %Common.attrib;
     action        %URI.datatype;           #REQUIRED
     method        ( get | post )           'get'
     name          CDATA                    #IMPLIED
     enctype       %ContentType.datatype;   'application/x-www-form-urlencoded'
     accept-charset %Charsets.datatype;     #IMPLIED
     accept        %ContentTypes.datatype;  #IMPLIED
>
<!-- end of form.attlist -->]]>

<!-- label: Form Field Label Text ..................... -->

<!-- Each label must not contain more than ONE field
-->

<!ENTITY % label.element  "INCLUDE" >
<![%label.element;[
<!ENTITY % label.content
     "( #PCDATA
      | %input.qname; | %select.qname; | %textarea.qname; | %button.qname;
      | %InlStruct.class;
      %InlPhras.class;
      %I18n.class;
      %InlPres.class;
      %Anchor.class;
      %InlSpecial.class;
      %Inline.extra;
      %Misc.class; )*"
>
<!ELEMENT %label.qname;  %label.content; >
<!-- end of label.element -->]]>

<!ENTITY % label.attlist  "INCLUDE" >
<![%label.attlist;[
<!ATTLIST %label.qname;
     %Common.attrib;
     for           IDREF                    #IMPLIED
     accesskey     %Character.datatype;     #IMPLIED
>
<!-- end of label.attlist -->]]>

<!-- input: Form Control ............................. -->

<!ENTITY % input.element  "INCLUDE" >
<![%input.element;[
<!ENTITY % input.content  "EMPTY" >
<!ELEMENT %input.qname;  %input.content; >
<!-- end of input.element -->]]>

<!ENTITY % input.attlist  "INCLUDE" >
<![%input.attlist;[
```

```
<!ENTITY % InputType.class
     "( text | password | checkbox | radio | submit
     | reset | file | hidden | image | button )"
>
<!-- attribute 'name' required for all but submit & reset
-->
<!ATTLIST %input.qname;
     %Common.attrib;
     type          %InputType.class;      'text'
     name          CDATA                  #IMPLIED
     value         CDATA                  #IMPLIED
     checked       ( checked )            #IMPLIED
     disabled      ( disabled )           #IMPLIED
     readonly      ( readonly )           #IMPLIED
     size          %Number.datatype;      #IMPLIED
     maxlength     %Number.datatype;      #IMPLIED
     src           %URI.datatype;         #IMPLIED
     alt           %Text.datatype;        #IMPLIED
     tabindex      %Number.datatype;      #IMPLIED
     accesskey     %Character.datatype;   #IMPLIED
     accept        %ContentTypes.datatype; #IMPLIED
>
<!-- end of input.attlist -->]]>

<!-- select: Option Selector .......................... -->

<!ENTITY % select.element  "INCLUDE" >
<![%select.element;[
<!ENTITY % select.content
     "( %optgroup.qname; | %option.qname; )+"
>
<!ELEMENT %select.qname;  %select.content; >
<!-- end of select.element -->]]>

<!ENTITY % select.attlist  "INCLUDE" >
<![%select.attlist;[
<!ATTLIST %select.qname;
     %Common.attrib;
     name          CDATA                  #IMPLIED
     size          %Number.datatype;      #IMPLIED
     multiple      ( multiple )           #IMPLIED
     disabled      ( disabled )           #IMPLIED
     tabindex      %Number.datatype;      #IMPLIED
>
<!-- end of select.attlist -->]]>

<!-- optgroup: Option Group .......................... -->

<!ENTITY % optgroup.element  "INCLUDE" >
<![%optgroup.element;[
<!ENTITY % optgroup.content  "( %option.qname; )+" >
<!ELEMENT %optgroup.qname;  %optgroup.content; >
<!-- end of optgroup.element -->]]>

<!ENTITY % optgroup.attlist  "INCLUDE" >
<![%optgroup.attlist;[
<!ATTLIST %optgroup.qname;
     %Common.attrib;
     disabled      ( disabled )           #IMPLIED
     label         %Text.datatype;        #REQUIRED
>
<!-- end of optgroup.attlist -->]]>

<!-- option: Selectable Choice ........................ -->

<!ENTITY % option.element  "INCLUDE" >
<![%option.element;[
<!ENTITY % option.content  "( #PCDATA )" >
<!ELEMENT %option.qname;  %option.content; >
<!-- end of option.element -->]]>

<!ENTITY % option.attlist  "INCLUDE" >
<![%option.attlist;[
<!ATTLIST %option.qname;
     %Common.attrib;
     selected      ( selected )           #IMPLIED
     disabled      ( disabled )           #IMPLIED
     label         %Text.datatype;        #IMPLIED
```

```
        value           CDATA                   #IMPLIED
>
<!-- end of option.attlist -->]]>

<!-- textarea: Multi-Line Text Field ................... -->

<!ENTITY % textarea.element  "INCLUDE" >
<![%textarea.element;[
<!ENTITY % textarea.content  "( #PCDATA )" >
<!ELEMENT %textarea.qname;  %textarea.content; >
<!-- end of textarea.element -->]]>

<!ENTITY % textarea.attlist  "INCLUDE" >
<![%textarea.attlist;[
<!ATTLIST %textarea.qname;
        %Common.attrib;
        name            CDATA                   #IMPLIED
        rows            %Number.datatype;       #REQUIRED
        cols            %Number.datatype;       #REQUIRED
        disabled        ( disabled )            #IMPLIED
        readonly        ( readonly )            #IMPLIED
        tabindex        %Number.datatype;       #IMPLIED
        accesskey       %Character.datatype;    #IMPLIED
>
<!-- end of textarea.attlist -->]]>

<!-- fieldset: Form Control Group ...................... -->

<!-- #PCDATA is to solve the mixed content problem,
     per specification only whitespace is allowed
-->

<!ENTITY % fieldset.element  "INCLUDE" >
<![%fieldset.element;[
<!ENTITY % fieldset.content
     "( #PCDATA | %legend.qname; | %Flow.mix; )*"
>
<!ELEMENT %fieldset.qname;  %fieldset.content; >
<!-- end of fieldset.element -->]]>

<!ENTITY % fieldset.attlist  "INCLUDE" >
<![%fieldset.attlist;[
<!ATTLIST %fieldset.qname;
        %Common.attrib;
>
<!-- end of fieldset.attlist -->]]>

<!-- legend: Fieldset Legend ........................... -->

<!ENTITY % legend.element  "INCLUDE" >
<![%legend.element;[
<!ENTITY % legend.content
     "( #PCDATA | %Inline.mix; )*"
>
<!ELEMENT %legend.qname;  %legend.content; >
<!-- end of legend.element -->]]>

<!ENTITY % legend.attlist  "INCLUDE" >
<![%legend.attlist;[
<!ATTLIST %legend.qname;
        %Common.attrib;
        accesskey       %Character.datatype;     #IMPLIED
>
<!-- end of legend.attlist -->]]>

<!-- button: Push Button .............................. -->

<!ENTITY % button.element  "INCLUDE" >
<![%button.element;[
<!ENTITY % button.content
     "( #PCDATA
      | %BlkNoForm.mix;
      | %InlStruct.class;
        %InlPhras.class;
        %InlPres.class;
        %I18n.class;
        %InlSpecial.class;
        %Inline.extra; )*"
```

```
>
<!ELEMENT %button.qname;  %button.content; >
<!-- end of button.element -->]]>

<!ENTITY % button.attlist  "INCLUDE" >
<![%button.attlist;[
<!ATTLIST %button.qname;
     %Common.attrib;
     name          CDATA                  #IMPLIED
     value         CDATA                  #IMPLIED
     type          ( button | submit | reset ) 'submit'
     disabled      ( disabled )           #IMPLIED
     tabindex      %Number.datatype;      #IMPLIED
     accesskey     %Character.datatype;   #IMPLIED
>
<!-- end of button.attlist -->]]>

<!-- end of xhtml-form-1.mod -->
```

F.3.5. Tables

F.3.5.1. Basic Tables

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-basic-table-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-basic-table-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Basic Table Module  ........................................... -->
<!-- file: xhtml-basic-table-1.mod

     This is XHTML Basic, a proper subset of XHTML.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-basic-table-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $ SMI

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ELEMENTS XHTML Basic Tables 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-basic-table-1.mod"

     Revisions:
     (none)
     ................................................................... -->

<!-- Basic Tables

       table, caption, tr, th, td

     This table module declares elements and attributes defining
     a table model based fundamentally on features found in the
     widely-deployed HTML 3.2 table model.  While this module
     mimics the content model and table attributes of HTML 3.2
     tables, the element types declared herein also includes all
     HTML 4 common and most of the HTML 4 table attributes.
-->

<!-- declare qualified element type names:
-->
<!ENTITY % table.qname   "table" >
<!ENTITY % caption.qname   "caption" >
<!ENTITY % tr.qname   "tr" >
<!ENTITY % th.qname   "th" >
<!ENTITY % td.qname   "td" >

<!-- horizontal alignment attributes for cell contents
-->
<!ENTITY % CellHAlign.attrib
     "align         ( left
                    | center
                    | right )              #IMPLIED"
>

<!-- vertical alignment attributes for cell contents
-->
<!ENTITY % CellVAlign.attrib
     "valign        ( top
                    | middle
```

```
                         | bottom )                  #IMPLIED"
    >

    <!-- scope is simpler than axes attribute for common tables
    -->
    <!ENTITY % scope.attrib
        "scope         ( row | col  )           #IMPLIED"
    >

    <!-- table: Table Element .............................. -->

    <!ENTITY % table.element  "INCLUDE" >
    <![%table.element;[
    <!ENTITY % table.content
        "( %caption.qname;?, %tr.qname;+ )"
    >
    <!ELEMENT %table.qname;  %table.content; >
    <!-- end of table.element -->]]>

    <!ENTITY % table.attlist  "INCLUDE" >
    <![%table.attlist;[
    <!ATTLIST %table.qname;
         %Common.attrib;
         summary       %Text.datatype;          #IMPLIED
         width         %Length.datatype;        #IMPLIED
    >
    <!-- end of table.attlist -->]]>

    <!-- caption: Table Caption ........................... -->

    <!ENTITY % caption.element  "INCLUDE" >
    <![%caption.element;[
    <!ENTITY % caption.content
        "( #PCDATA | %Inline.mix; )*"
    >
    <!ELEMENT %caption.qname;  %caption.content; >
    <!-- end of caption.element -->]]>

    <!ENTITY % caption.attlist  "INCLUDE" >
    <![%caption.attlist;[
    <!ATTLIST %caption.qname;
         %Common.attrib;
    >
    <!-- end of caption.attlist -->]]>

    <!-- tr: Table Row ..................................... -->

    <!ENTITY % tr.element  "INCLUDE" >
    <![%tr.element;[
    <!ENTITY % tr.content  "( %th.qname; | %td.qname; )+" >
    <!ELEMENT %tr.qname;  %tr.content; >
    <!-- end of tr.element -->]]>

    <!ENTITY % tr.attlist  "INCLUDE" >
    <![%tr.attlist;[
    <!ATTLIST %tr.qname;
         %Common.attrib;
         %CellHAlign.attrib;
         %CellVAlign.attrib;
    >
    <!-- end of tr.attlist -->]]>

    <!-- th: Table Header Cell ............................ -->

    <!-- th is for header cells, td for data,
         but for cells acting as both use td
    -->

    <!ENTITY % th.element  "INCLUDE" >
    <![%th.element;[
    <!ENTITY % th.content
        "( #PCDATA | %FlowNoTable.mix; )*"
    >
    <!ELEMENT %th.qname;  %th.content; >
    <!-- end of th.element -->]]>

    <!ENTITY % th.attlist  "INCLUDE" >
    <![%th.attlist;[
```

```
<!ATTLIST %th.qname;
     %Common.attrib;
     abbr          %Text.datatype;          #IMPLIED
     axis          CDATA                    #IMPLIED
     headers       IDREFS                   #IMPLIED
     %scope.attrib;
     rowspan       %Number.datatype;        '1'
     colspan       %Number.datatype;        '1'
     %CellHAlign.attrib;
     %CellVAlign.attrib;
>
<!-- end of th.attlist -->]]>

<!-- td: Table Data Cell .............................. -->

<!ENTITY % td.element  "INCLUDE" >
<![%td.element;[
<!ENTITY % td.content
     "( #PCDATA | %FlowNoTable.mix; )*"
>
<!ELEMENT %td.qname;  %td.content; >
<!-- end of td.element -->]]>

<!ENTITY % td.attlist  "INCLUDE" >
<![%td.attlist;[
<!ATTLIST %td.qname;
     %Common.attrib;
     abbr          %Text.datatype;          #IMPLIED
     axis          CDATA                    #IMPLIED
     headers       IDREFS                   #IMPLIED
     %scope.attrib;
     rowspan       %Number.datatype;        '1'
     colspan       %Number.datatype;        '1'
     %CellHAlign.attrib;
     %CellVAlign.attrib;
>
<!-- end of td.attlist -->]]>

<!-- end of xhtml-basic-table-1.mod -->
```

F.3.5.2. Tables

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-table-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-table-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Table Module  ................................................. -->
<!-- file: xhtml-table-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-table-1.mod,v 4.1 2001/04/10 09:42:30 altheim Exp $ SMI

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ELEMENTS XHTML Tables 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-table-1.mod"

     Revisions:
     (none)
     ................................................................ -->

<!-- Tables

       table, caption, thead, tfoot, tbody, colgroup, col, tr, th, td

     This module declares element types and attributes used to provide
     table markup similar to HTML 4, including features that enable
     better accessibility for non-visual user agents.
-->

<!-- declare qualified element type names:
-->
<!ENTITY % table.qname   "table" >
<!ENTITY % caption.qname   "caption" >
<!ENTITY % thead.qname   "thead" >
```

```
<!ENTITY % tfoot.qname  "tfoot" >
<!ENTITY % tbody.qname  "tbody" >
<!ENTITY % colgroup.qname  "colgroup" >
<!ENTITY % col.qname  "col" >
<!ENTITY % tr.qname  "tr" >
<!ENTITY % th.qname  "th" >
<!ENTITY % td.qname  "td" >

<!-- The frame attribute specifies which parts of the frame around
     the table should be rendered. The values are not the same as
     CALS to avoid a name clash with the valign attribute.
-->
<!ENTITY % frame.attrib
     "frame         ( void
                    | above
                    | below
                    | hsides
                    | lhs
                    | rhs
                    | vsides
                    | box
                    | border )                #IMPLIED"
>

<!-- The rules attribute defines which rules to draw between cells:

     If rules is absent then assume:

        "none" if border is absent or border="0" otherwise "all"
-->
<!ENTITY % rules.attrib
     "rules         ( none
                    | groups
                    | rows
                    | cols
                    | all )                   #IMPLIED"
>

<!-- horizontal alignment attributes for cell contents
-->
<!ENTITY % CellHAlign.attrib
     "align         ( left
                    | center
                    | right
                    | justify
                    | char )                  #IMPLIED
      char          %Character.datatype;      #IMPLIED
      charoff       %Length.datatype;         #IMPLIED"
>

<!-- vertical alignment attribute for cell contents
-->
<!ENTITY % CellVAlign.attrib
     "valign        ( top
                    | middle
                    | bottom
                    | baseline )              #IMPLIED"
>

<!-- scope is simpler than axes attribute for common tables
-->
<!ENTITY % scope.attrib
     "scope         ( row
                    | col
                    | rowgroup
                    | colgroup )              #IMPLIED"
>

<!-- table: Table Element ............................. -->

<!ENTITY % table.element  "INCLUDE" >
<![%table.element;[
<!ENTITY % table.content
     "( %caption.qname;?, ( %col.qname;* | %colgroup.qname;* ),
       (( %thead.qname;?, %tfoot.qname;?, %tbody.qname;+ ) | ( %tr.qname;+ )))"
>
<!ELEMENT %table.qname;  %table.content; >
<!-- end of table.element -->]]>
```

```
<!ENTITY % table.attlist  "INCLUDE" >
<![%table.attlist;[
<!ATTLIST %table.qname;
      %Common.attrib;
      summary      %Text.datatype;          #IMPLIED
      width        %Length.datatype;        #IMPLIED
      border       %Pixels.datatype;        #IMPLIED
      %frame.attrib;
      %rules.attrib;
      cellspacing  %Length.datatype;        #IMPLIED
      cellpadding  %Length.datatype;        #IMPLIED
>
<!-- end of table.attlist -->]]>

<!-- caption: Table Caption ........................... -->

<!ENTITY % caption.element  "INCLUDE" >
<![%caption.element;[
<!ENTITY % caption.content
      "( #PCDATA | %Inline.mix; )*"
>
<!ELEMENT %caption.qname;  %caption.content; >
<!-- end of caption.element -->]]>

<!ENTITY % caption.attlist  "INCLUDE" >
<![%caption.attlist;[
<!ATTLIST %caption.qname;
      %Common.attrib;
>
<!-- end of caption.attlist -->]]>

<!-- thead: Table Header .............................. -->

<!-- Use thead to duplicate headers when breaking table
     across page boundaries, or for static headers when
     tbody sections are rendered in scrolling panel.
-->

<!ENTITY % thead.element  "INCLUDE" >
<![%thead.element;[
<!ENTITY % thead.content  "( %tr.qname; )+" >
<!ELEMENT %thead.qname;  %thead.content; >
<!-- end of thead.element -->]]>

<!ENTITY % thead.attlist  "INCLUDE" >
<![%thead.attlist;[
<!ATTLIST %thead.qname;
      %Common.attrib;
      %CellHAlign.attrib;
      %CellVAlign.attrib;
>
<!-- end of thead.attlist -->]]>

<!-- tfoot: Table Footer .............................. -->

<!-- Use tfoot to duplicate footers when breaking table
     across page boundaries, or for static footers when
     tbody sections are rendered in scrolling panel.
-->

<!ENTITY % tfoot.element  "INCLUDE" >
<![%tfoot.element;[
<!ENTITY % tfoot.content  "( %tr.qname; )+" >
<!ELEMENT %tfoot.qname;  %tfoot.content; >
<!-- end of tfoot.element -->]]>

<!ENTITY % tfoot.attlist  "INCLUDE" >
<![%tfoot.attlist;[
<!ATTLIST %tfoot.qname;
      %Common.attrib;
      %CellHAlign.attrib;
      %CellVAlign.attrib;
>
<!-- end of tfoot.attlist -->]]>

<!-- tbody: Table Body ................................ -->
```

```
<!-- Use multiple tbody sections when rules are needed
     between groups of table rows.
-->

<!ENTITY % tbody.element  "INCLUDE" >
<![%tbody.element;[
<!ENTITY % tbody.content  "( %tr.qname; )+" >
<!ELEMENT %tbody.qname;  %tbody.content; >
<!-- end of tbody.element -->]]>

<!ENTITY % tbody.attlist  "INCLUDE" >
<![%tbody.attlist;[
<!ATTLIST %tbody.qname;
      %Common.attrib;
      %CellHAlign.attrib;
      %CellVAlign.attrib;
>
<!-- end of tbody.attlist -->]]>

<!-- colgroup: Table Column Group ...................... -->

<!-- colgroup groups a set of col elements. It allows you
     to group several semantically-related columns together.
-->

<!ENTITY % colgroup.element  "INCLUDE" >
<![%colgroup.element;[
<!ENTITY % colgroup.content  "( %col.qname; )*" >
<!ELEMENT %colgroup.qname;  %colgroup.content; >
<!-- end of colgroup.element -->]]>

<!ENTITY % colgroup.attlist  "INCLUDE" >
<![%colgroup.attlist;[
<!ATTLIST %colgroup.qname;
      %Common.attrib;
      span          %Number.datatype;        '1'
      width         %MultiLength.datatype;   #IMPLIED
      %CellHAlign.attrib;
      %CellVAlign.attrib;
>
<!-- end of colgroup.attlist -->]]>

<!-- col: Table Column ................................ -->

<!-- col elements define the alignment properties for
     cells in one or more columns.

     The width attribute specifies the width of the
     columns, e.g.

       width="64"        width in screen pixels
       width="0.5*"      relative width of 0.5

     The span attribute causes the attributes of one
     col element to apply to more than one column.
-->

<!ENTITY % col.element  "INCLUDE" >
<![%col.element;[
<!ENTITY % col.content  "EMPTY" >
<!ELEMENT %col.qname;  %col.content; >
<!-- end of col.element -->]]>

<!ENTITY % col.attlist  "INCLUDE" >
<![%col.attlist;[
<!ATTLIST %col.qname;
      %Common.attrib;
      span          %Number.datatype;        '1'
      width         %MultiLength.datatype;   #IMPLIED
      %CellHAlign.attrib;
      %CellVAlign.attrib;
>
<!-- end of col.attlist -->]]>

<!-- tr: Table Row ..................................... -->

<!ENTITY % tr.element  "INCLUDE" >
<![%tr.element;[
```

```
<!ENTITY % tr.content  "( %th.qname; | %td.qname; )+" >
<!ELEMENT %tr.qname;  %tr.content; >
<!-- end of tr.element -->]]>

<!ENTITY % tr.attlist  "INCLUDE" >
<![%tr.attlist;[
<!ATTLIST %tr.qname;
      %Common.attrib;
      %CellHAlign.attrib;
      %CellVAlign.attrib;
>
<!-- end of tr.attlist -->]]>

<!-- th: Table Header Cell ........................... -->

<!-- th is for header cells, td for data,
     but for cells acting as both use td
-->

<!ENTITY % th.element  "INCLUDE" >
<![%th.element;[
<!ENTITY % th.content
     "( #PCDATA | %Flow.mix; )*"
>
<!ELEMENT %th.qname;  %th.content; >
<!-- end of th.element -->]]>

<!ENTITY % th.attlist  "INCLUDE" >
<![%th.attlist;[
<!ATTLIST %th.qname;
      %Common.attrib;
      abbr          %Text.datatype;        #IMPLIED
      axis          CDATA                  #IMPLIED
      headers       IDREFS                 #IMPLIED
      %scope.attrib;
      rowspan       %Number.datatype;      '1'
      colspan       %Number.datatype;      '1'
      %CellHAlign.attrib;
      %CellVAlign.attrib;
>
<!-- end of th.attlist -->]]>

<!-- td: Table Data Cell ............................. -->

<!ENTITY % td.element  "INCLUDE" >
<![%td.element;[
<!ENTITY % td.content
     "( #PCDATA | %Flow.mix; )*"
>
<!ELEMENT %td.qname;  %td.content; >
<!-- end of td.element -->]]>

<!ENTITY % td.attlist  "INCLUDE" >
<![%td.attlist;[
<!ATTLIST %td.qname;
      %Common.attrib;
      abbr          %Text.datatype;        #IMPLIED
      axis          CDATA                  #IMPLIED
      headers       IDREFS                 #IMPLIED
      %scope.attrib;
      rowspan       %Number.datatype;      '1'
      colspan       %Number.datatype;      '1'
      %CellHAlign.attrib;
      %CellVAlign.attrib;
>
<!-- end of td.attlist -->]]>

<!-- end of xhtml-table-1.mod -->
```

F.3.6. Image

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-image-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-image-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Images Module  ................................................. -->
```

```
<!-- file: xhtml-image-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Rovision: $Id: xhtml-image-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $ SMI

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ELEMENTS XHTML Images 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-image-1.mod"

     Revisions:
     (none)
     ................................................................ -->

<!-- Images

        img

     This module provides markup to support basic image embedding.
-->

<!-- To avoid problems with text-only UAs as well as to make
     image content understandable and navigable to users of
     non-visual UAs, you need to provide a description with
     the 'alt' attribute, and avoid server-side image maps.
-->

<!ENTITY % img.element  "INCLUDE" >
<![%img.element;[
<!ENTITY % img.content  "EMPTY" >
<!ENTITY % img.qname  "img" >
<!ELEMENT %img.qname;  %img.content; >
<!-- end of img.element -->]]>

<!ENTITY % img.attlist  "INCLUDE" >
<![%img.attlist;[
<!ATTLIST %img.qname;
      %Common.attrib;
      src           %URI.datatype;              #REQUIRED
      alt           %Text.datatype;             #REQUIRED
      longdesc      %URI.datatype;              #IMPLIED
      name          CDATA                       #IMPLIED
      height        %Length.datatype;           #IMPLIED
      width         %Length.datatype;           #IMPLIED
>
<!-- end of img.attlist -->]]>

<!-- end of xhtml-image-1.mod -->
```

F.3.7. Client-side Image Map

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-csismap-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-csismap-1.mod.

```
<!-- ................................................................ -->
<!-- XHTML Client-side Image Map Module  ................................ -->
<!-- file: xhtml-csismap-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-csismap-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $ SMI

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ELEMENTS XHTML Client-side Image Maps 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-csismap-1.mod"

     Revisions:
     (none)
     ................................................................ -->

<!-- Client-side Image Maps

        area, map
```

```
      This module declares elements and attributes to support client-side
      image maps. This requires that the Image Module (or a module
      declaring the img element type) be included in the DTD.

      These can be placed in the same document or grouped in a
      separate document, although the latter isn't widely supported
-->

<!ENTITY % area.element  "INCLUDE" >
<![%area.element;[
<!ENTITY % area.content  "EMPTY" >
<!ENTITY % area.qname  "area" >
<!ELEMENT %area.qname;  %area.content; >
<!-- end of area.element -->]]>

<!ENTITY % Shape.datatype "( rect | circle | poly | default )">
<!ENTITY % Coords.datatype "CDATA" >

<!ENTITY % area.attlist  "INCLUDE" >
<![%area.attlist;[
<!ATTLIST %area.qname;
      %Common.attrib;
      href          %URI.datatype;          #IMPLIED
      shape         %Shape.datatype;        'rect'
      coords        %Coords.datatype;       #IMPLIED
      nohref        ( nohref )              #IMPLIED
      alt           %Text.datatype;         #REQUIRED
      tabindex      %Number.datatype;       #IMPLIED
      accesskey     %Character.datatype;    #IMPLIED
>
<!-- end of area.attlist -->]]>

<!-- modify anchor attribute definition list
     to allow for client-side image maps
-->
<!ATTLIST %a.qname;
      shape         %Shape.datatype;        'rect'
      coords        %Coords.datatype;       #IMPLIED
>

<!-- modify img attribute definition list
     to allow for client-side image maps
-->
<!ATTLIST %img.qname;
      usemap        %URIREF.datatype;       #IMPLIED
>

<!-- modify form input attribute definition list
     to allow for client-side image maps
-->
<!ATTLIST %input.qname;
      usemap        %URIREF.datatype;       #IMPLIED
>

<!-- modify object attribute definition list
     to allow for client-side image maps
-->
<!ATTLIST %object.qname;
      usemap        %URIREF.datatype;       #IMPLIED
>

<!-- 'usemap' points to the 'id' attribute of a <map> element,
     which must be in the same document; support for external
     document maps was not widely supported in HTML and is
     eliminated in XHTML.

     It is considered an error for the element pointed to by
     a usemap URIREF to occur in anything but a <map> element.
-->

<!ENTITY % map.element  "INCLUDE" >
<![%map.element;[
<!ENTITY % map.content
     "(( %Block.mix; ) | %area.qname; )+"
>
<!ENTITY % map.qname  "map" >
<!ELEMENT %map.qname;  %map.content; >
<!-- end of map.element -->]]>
```

```
<!ENTITY % map.attlist  "INCLUDE" >
<![%map.attlist;[
<!ATTLIST %map.qname;
      %XHTML.xmlns.attrib;
      id            ID                    #REQUIRED
      %class.attrib;
      %title.attrib;
      %Core.extra.attrib;
      %I18n.attrib;
      %Events.attrib;
>
<!-- end of map.attlist -->]]>

<!-- end of xhtml-csismap-1.mod -->
```

F.3.8. Server-side Image Map

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-ssismap-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-ssismap-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Server-side Image Map Module  ................................. -->
<!-- file: xhtml-ssismap-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-ssismap-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $ SMI

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ELEMENTS XHTML Server-side Image Maps 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-ssismap-1.mod"

     Revisions:
#2000-10-22: added declaration for 'ismap' on <input>
     ...................................................................... -->

<!-- Server-side Image Maps

     This adds the 'ismap' attribute to the img and input elements
     to support server-side processing of a user selection.
-->

<!ATTLIST %img.qname;
     ismap        ( ismap )              #IMPLIED
>

<!ATTLIST %input.qname;
     ismap        ( ismap )              #IMPLIED
>

<!-- end of xhtml-ssismap-1.mod -->
```

F.3.9. Object

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-object-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-object-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Embedded Object Module  ....................................... -->
<!-- file: xhtml-object-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-object-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $ SMI

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ELEMENTS XHTML Embedded Object 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-object-1.mod"

     Revisions:
     (none)
```

```
        .................................................................. -->

<!-- Embedded Objects

        object

    This module declares the object element type and its attributes, used
    to embed external objects as part of XHTML pages. In the document,
    place param elements prior to other content within the object element.

    Note that use of this module requires instantiation of the Param
    Element Module.
-->

<!-- object: Generic Embedded Object ................... -->

<!ENTITY % object.element  "INCLUDE" >
<![%object.element;[
<!ENTITY % object.content
    "( #PCDATA | %Flow.mix; | %param.qname; )*"
>
<!ENTITY % object.qname  "object" >
<!ELEMENT %object.qname;  %object.content; >
<!-- end of object.element -->]]>

<!ENTITY % object.attlist  "INCLUDE" >
<![%object.attlist;[
<!ATTLIST %object.qname;
    %Common.attrib;
    declare      ( declare )              #IMPLIED
    classid      %URI.datatype;           #IMPLIED
    codebase     %URI.datatype;           #IMPLIED
    data         %URI.datatype;           #IMPLIED
    type         %ContentType.datatype;   #IMPLIED
    codetype     %ContentType.datatype;   #IMPLIED
    archive      %URIs.datatype;          #IMPLIED
    standby      %Text.datatype;          #IMPLIED
    height       %Length.datatype;        #IMPLIED
    width        %Length.datatype;        #IMPLIED
    name         CDATA                    #IMPLIED
    tabindex     %Number.datatype;        #IMPLIED
>
<!-- end of object.attlist -->]]>

<!-- end of xhtml-object-1.mod -->
```

F.3.10. Frames

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-frames-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-frames-1.mod.

```
<!-- .................................................................. -->
<!-- XHTML Frames Module  .............................................. -->
<!-- file: xhtml-frames-1.mod

    This is XHTML, a reformulation of HTML as a modular XML application.
    Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
    Revision: $Id: xhtml-frames-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $ SMI

    This DTD module is identified by the PUBLIC and SYSTEM identifiers:

      PUBLIC "-//W3C//ELEMENTS XHTML Frames 1.0//EN"
      SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-frames-1.mod"

    Revisions:
    (none)
    .................................................................. -->

<!-- Frames

        frameset, frame, noframes

    This module declares frame-related element types and attributes.
-->

<!ENTITY % frameset.qname  "frameset" >
```

```
<!ENTITY % frame.qname  "frame" >
<!ENTITY % noframes.qname  "noframes" >

<!-- comma-separated list of MultiLength -->
<!ENTITY % MultiLengths.datatype "CDATA" >

<!-- The content model for XHTML documents depends on whether
     the <head> is followed by a <frameset> or <body> element.
-->

<!ENTITY % frameset.element  "INCLUDE" >
<![%frameset.element;[
<!ENTITY % frameset.content
     "(( %frameset.qname; | %frame.qname; )+, %noframes.qname;? )" >
<!ELEMENT %frameset.qname;  %frameset.content; >
<!-- end of frameset.element -->]]>

<!ENTITY % frameset.attlist  "INCLUDE" >
<![%frameset.attlist;[
<!ATTLIST %frameset.qname;
     %Core.attrib;
     rows          %MultiLengths.datatype;  #IMPLIED
     cols          %MultiLengths.datatype;  #IMPLIED
>
<!-- end of frameset.attlist -->]]>
<![%xhtml-events.module;[
<!ATTLIST %frameset.qname;
     onload        %Script.datatype;        #IMPLIED
     onunload      %Script.datatype;        #IMPLIED
>
]]>

<!-- reserved frame names start with "_" otherwise starts with letter -->

<!ENTITY % frame.element  "INCLUDE" >
<![%frame.element;[
<!ENTITY % frame.content  "EMPTY" >
<!ELEMENT %frame.qname;  %frame.content; >
<!-- end of frame.element -->]]>

<!ENTITY % frame.attlist  "INCLUDE" >
<![%frame.attlist;[
<!ATTLIST %frame.qname;
     %Core.attrib;
     longdesc      %URI.datatype;           #IMPLIED
     src           %URI.datatype;           #IMPLIED
     frameborder   ( 1 | 0 )                '1'
     marginwidth   %Pixels.datatype;        #IMPLIED
     marginheight  %Pixels.datatype;        #IMPLIED
     noresize      ( noresize )             #IMPLIED
     scrolling     ( yes | no | auto )      'auto'
>
<!-- end of frame.attlist -->]]>

<!-- changes to other declarations ................... -->

<!-- redefine content model for html element,
     substituting frameset for body  -->
<!ENTITY % html.content
     "( %head.qname;, %frameset.qname; )"
>

<!-- alternate content container for non frame-based rendering -->

<!ENTITY % noframes.element  "INCLUDE" >
<![%noframes.element;[
<!ENTITY % noframes.content "( %body.qname; )">
<!ELEMENT %noframes.qname;  %noframes.content; >
<!-- end of noframes.element -->]]>

<!ENTITY % noframes.attlist  "INCLUDE" >
<![%noframes.attlist;[
<!ATTLIST %noframes.qname;
     %Common.attrib;
>
<!-- end of noframes.attlist -->]]>
```

```
<!-- end of xhtml-frames-1.mod -->
```

F.3.11. Target

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-target-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-target-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Target Module  ................................................. -->
<!-- file: xhtml-target-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-target-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $ SMI

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ELEMENTS XHTML Target 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-target-1.mod"

     Revisions:
     (none)
     ...................................................................... -->

<!-- Target

        target

     This module declares the 'target' attribute used for opening windows
-->

<!-- render in this frame -->
<!ENTITY % FrameTarget.datatype "CDATA" >

<!-- add 'target' attribute to 'a' element -->
<!ATTLIST %a.qname;
     target        %FrameTarget.datatype;   #IMPLIED
>

<!-- add 'target' attribute to 'area' element -->
<!ATTLIST %area.qname;
     target        %FrameTarget.datatype;   #IMPLIED
>

<!-- add 'target' attribute to 'link' element -->
<!ATTLIST %link.qname;
     target        %FrameTarget.datatype;   #IMPLIED
>

<!-- add 'target' attribute to 'form' element -->
<!ATTLIST %form.qname;
     target        %FrameTarget.datatype;   #IMPLIED
>

<!-- add 'target' attribute to 'base' element -->
<!ATTLIST %base.qname;
     target        %FrameTarget.datatype;   #IMPLIED
>

<!-- end of xhtml-target-1.mod -->
```

F.3.12. Iframe

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-iframe-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-iframe-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML IFrame Module  ................................................. -->
<!-- file: xhtml-iframe-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-iframe-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $ SMI
```

```
    This DTD module is identified by the PUBLIC and SYSTEM identifiers:

      PUBLIC "-//W3C//ELEMENTS XHTML Inline Frame Element 1.0//EN"
      SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-iframe-1.mod"

    Revisions:
#2000-10-22: added #PCDATA to <iframe> content model as per HTML 4
    .................................................................. -->

<!-- Inline Frames

        iframe

    This module declares the iframe element type and its attributes,
    used to create an inline frame within a document.
-->

<!-- Inline Frames ................................... -->

<!ENTITY % iframe.content  "( #PCDATA | %Flow.mix; )*" >
<!ENTITY % iframe.qname  "iframe" >
<!ELEMENT %iframe.qname;  %iframe.content; >
<!ATTLIST %iframe.qname;
      %Core.attrib;
      longdesc      %URI.datatype;          #IMPLIED
      src           %URI.datatype;          #IMPLIED
      frameborder   ( 1 | 0 )               '1'
      marginwidth   %Pixels.datatype;       #IMPLIED
      marginheight  %Pixels.datatype;       #IMPLIED
      scrolling     ( yes | no | auto )     'auto'
      height        %Length.datatype;       #IMPLIED
      width         %Length.datatype;       #IMPLIED
>

<!-- end of xhtml-iframe-1.mod -->
```

F.3.13. Intrinsic Events

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-events-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-events-1.mod.

```
<!-- .................................................................. -->
<!-- XHTML Intrinsic Events Module  ................................... -->
<!-- file: xhtml-events-1.mod

    This is XHTML, a reformulation of HTML as a modular XML application.
    Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
    Revision: $Id: xhtml-events-1.mod,v 4.1 2001/04/10 09:42:30 altheim Exp $ SMI

    This DTD module is identified by the PUBLIC and SYSTEM identifiers:

      PUBLIC "-//W3C//ENTITIES XHTML Intrinsic Events 1.0//EN"
      SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-events-1.mod"

    Revisions:
    (none)
    .................................................................. -->

<!-- Intrinsic Event Attributes

    These are the event attributes defined in HTML 4,
    Section 18.2.3 "Intrinsic Events". This module must be
    instantiated prior to the Attributes Module but after
    the Datatype Module in the Modular Framework module.

   "Note: Authors of HTML documents are advised that changes
    are likely to occur in the realm of intrinsic events
    (e.g., how scripts are bound to events). Research in
    this realm is carried on by members of the W3C Document
    Object Model Working Group (see the W3C Web site at
    http://www.w3.org/ for more information)."
-->
<!-- NOTE: Because the ATTLIST declarations in this module occur
    before their respective ELEMENT declarations in other
    modules, there may be a dependency on this module that
    should be considered if any of the parameter entities used
```

```
     for element type names (eg., %a.qname;) are redeclared.
-->

<!ENTITY % Events.attrib
     "onclick        %Script.datatype;        #IMPLIED
      ondblclick     %Script.datatype;        #IMPLIED
      onmousedown    %Script.datatype;        #IMPLIED
      onmouseup      %Script.datatype;        #IMPLIED
      onmouseover    %Script.datatype;        #IMPLIED
      onmousemove    %Script.datatype;        #IMPLIED
      onmouseout     %Script.datatype;        #IMPLIED
      onkeypress     %Script.datatype;        #IMPLIED
      onkeydown      %Script.datatype;        #IMPLIED
      onkeyup        %Script.datatype;        #IMPLIED"
>

<![%XHTML.global.attrs.prefixed;[
<!ENTITY % XHTML.global.events.attrib
     "%XHTML.prefix;::onclick       %Script.datatype;        #IMPLIED
      %XHTML.prefix;::ondblclick    %Script.datatype;        #IMPLIED
      %XHTML.prefix;::onmousedown   %Script.datatype;        #IMPLIED
      %XHTML.prefix;::onmouseup     %Script.datatype;        #IMPLIED
      %XHTML.prefix;::onmouseover   %Script.datatype;        #IMPLIED
      %XHTML.prefix;::onmousemove   %Script.datatype;        #IMPLIED
      %XHTML.prefix;::onmouseout    %Script.datatype;        #IMPLIED
      %XHTML.prefix;::onkeypress    %Script.datatype;        #IMPLIED
      %XHTML.prefix;::onkeydown     %Script.datatype;        #IMPLIED
      %XHTML.prefix;::onkeyup       %Script.datatype;        #IMPLIED"
>
]]>

<!-- additional attributes on anchor element
-->
<!ATTLIST %a.qname;
     onfocus        %Script.datatype;        #IMPLIED
     onblur         %Script.datatype;        #IMPLIED
>

<!-- additional attributes on form element
-->
<!ATTLIST %form.qname;
     onsubmit       %Script.datatype;        #IMPLIED
     onreset        %Script.datatype;        #IMPLIED
>

<!-- additional attributes on label element
-->
<!ATTLIST %label.qname;
     onfocus        %Script.datatype;        #IMPLIED
     onblur         %Script.datatype;        #IMPLIED
>

<!-- additional attributes on input element
-->
<!ATTLIST %input.qname;
     onfocus        %Script.datatype;        #IMPLIED
     onblur         %Script.datatype;        #IMPLIED
     onselect       %Script.datatype;        #IMPLIED
     onchange       %Script.datatype;        #IMPLIED
>

<!-- additional attributes on select element
-->
<!ATTLIST %select.qname;
     onfocus        %Script.datatype;        #IMPLIED
     onblur         %Script.datatype;        #IMPLIED
     onchange       %Script.datatype;        #IMPLIED
>

<!-- additional attributes on textarea element
-->
<!ATTLIST %textarea.qname;
     onfocus        %Script.datatype;        #IMPLIED
     onblur         %Script.datatype;        #IMPLIED
     onselect       %Script.datatype;        #IMPLIED
     onchange       %Script.datatype;        #IMPLIED
>
```

```
<!-- additional attributes on button element
-->
<!ATTLIST %button.qname;
      onfocus      %Script.datatype;      #IMPLIED
      onblur       %Script.datatype;      #IMPLIED
>

<!-- additional attributes on body element
-->
<!ATTLIST %body.qname;
      onload       %Script.datatype;      #IMPLIED
      onunload     %Script.datatype;      #IMPLIED
>

<!-- additional attributes on area element
-->
<!ATTLIST %area.qname;
      onfocus      %Script.datatype;      #IMPLIED
      onblur       %Script.datatype;      #IMPLIED
>

<!-- end of xhtml-events-1.mod -->
```

F.3.14. Metainformation

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-meta-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-meta-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Document Metainformation Module  ............................... -->
<!-- file: xhtml-meta-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-meta-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $ SMI

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ELEMENTS XHTML Metainformation 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-meta-1.mod"

     Revisions:
     (none)
     ................................................................. -->

<!-- Meta Information

        meta

     This module declares the meta element type and its attributes,
     used to provide declarative document metainformation.
-->

<!-- meta: Generic Metainformation ..................... -->

<!ENTITY % meta.element  "INCLUDE" >
<![%meta.element;[
<!ENTITY % meta.content  "EMPTY" >
<!ENTITY % meta.qname  "meta" >
<!ELEMENT %meta.qname;  %meta.content; >
<!-- end of meta.element -->]]>

<!ENTITY % meta.attlist  "INCLUDE" >
<![%meta.attlist;[
<!ATTLIST %meta.qname;
      %XHTML.xmlns.attrib;
      %I18n.attrib;
      http-equiv   NMTOKEN                  #IMPLIED
      name         NMTOKEN                  #IMPLIED
      content      CDATA                    #REQUIRED
      scheme       CDATA                    #IMPLIED
>
<!-- end of meta.attlist -->]]>

<!-- end of xhtml-meta-1.mod -->
```

F.3.15. Scripting

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-script-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-script-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Document Scripting Module  ..................................... -->
<!-- file: xhtml-script-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-script-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $ SMI

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ELEMENTS XHTML Scripting 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-script-1.mod"

     Revisions:
     (none)
     ................................................................. -->

<!-- Scripting

        script, noscript

     This module declares element types and attributes used to provide
     support for executable scripts as well as an alternate content
     container where scripts are not supported.
-->

<!-- script: Scripting Statement ...................... -->

<!ENTITY % script.element  "INCLUDE" >
<![%script.element;[
<!ENTITY % script.content  "( #PCDATA )" >
<!ENTITY % script.qname  "script" >
<!ELEMENT %script.qname;  %script.content; >
<!-- end of script.element -->]]>

<!ENTITY % script.attlist  "INCLUDE" >
<![%script.attlist;[
<!ATTLIST %script.qname;
      %XHTML.xmlns.attrib;
      %id.attrib;
      xml:space     ( preserve )             #FIXED 'preserve'
      charset       %Charset.datatype;       #IMPLIED
      type          %ContentType.datatype;   #REQUIRED
      src           %URI.datatype;           #IMPLIED
      defer         ( defer )                #IMPLIED
>
<!-- end of script.attlist -->]]>

<!-- noscript: No-Script Alternate Content ............. -->

<!ENTITY % noscript.element  "INCLUDE" >
<![%noscript.element;[
<!ENTITY % noscript.content
     "( %Block.mix; )+"
>
<!ENTITY % noscript.qname  "noscript" >
<!ELEMENT %noscript.qname;  %noscript.content; >
<!-- end of noscript.element -->]]>

<!ENTITY % noscript.attlist  "INCLUDE" >
<![%noscript.attlist;[
<!ATTLIST %noscript.qname;
      %Common.attrib;
>
<!-- end of noscript.attlist -->]]>

<!-- end of xhtml-script-1.mod -->
```

F.3.16. Style Sheet

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-style-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-style-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Document Style Sheet Module  ................................... -->
<!-- file: xhtml-style-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-style-1.mod,v 4.1 2001/04/05 06:57:40 altheim Exp $ SMI

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//DTD XHTML Style Sheets 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-style-1.mod"

     Revisions:
     (none)
     ................................................................. -->

<!-- Style Sheets

         style

     This module declares the style element type and its attributes,
     used to embed style sheet information in the document head element.
-->

<!-- style: Style Sheet Information .................... -->

<!ENTITY % style.element  "INCLUDE" >
<![%style.element;[
<!ENTITY % style.content  "( #PCDATA )" >
<!ENTITY % style.qname  "style" >
<!ELEMENT %style.qname;  %style.content; >
<!-- end of style.element -->]]>

<!ENTITY % style.attlist  "INCLUDE" >
<![%style.attlist;[
<!ATTLIST %style.qname;
      %XHTML.xmlns.attrib;
      %id.attrib;
      %title.attrib;
      %I18n.attrib;
      xml:space   ( preserve )            #FIXED 'preserve'
      type        %ContentType.datatype;  #REQUIRED
      media       %MediaDesc.datatype;    #IMPLIED
>
<!-- end of style.attlist -->]]>

<!-- end of xhtml-style-1.mod -->
```

F.3.17. Style Attribute

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-inlstyle-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-inlstyle-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Inline Style Module  .......................................... -->
<!-- file: xhtml-inlstyle-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-inlstyle-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ENTITIES XHTML Inline Style 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-inlstyle-1.mod"

     Revisions:
     (none)
     ................................................................. -->
```

```
<!-- Inline Style

     This module declares the 'style' attribute, used to support inline
     style markup. This module must be instantiated prior to the XHTML
     Common Attributes module in order to be included in %Core.attrib;.
-->

<!ENTITY % style.attrib
     "style         CDATA                  #IMPLIED"
>


<!ENTITY % Core.extra.attrib
     "%style.attrib;"
>

<!-- end of xhtml-inlstyle-1.mod -->
```

F.3.18. Link

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-link-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-link-1.mod.

```
<!-- ..................................................................... -->
<!-- XHTML Link Element Module  .......................................... -->
<!-- file: xhtml-link-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-link-1.mod,v 4.1 2001/04/05 06:57:40 altheim Exp $ SMI

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ELEMENTS XHTML Link Element 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-link-1.mod"

     Revisions:
     (none)
     ................................................................ -->

<!-- Link element

        link

     This module declares the link element type and its attributes,
     which could (in principle) be used to define document-level links
     to external resources such as:

     a) for document specific toolbars/menus, e.g. start, contents,
        previous, next, index, end, help
     b) to link to a separate style sheet (rel="stylesheet")
     c) to make a link to a script (rel="script")
     d) by style sheets to control how collections of html nodes are
        rendered into printed documents
     e) to make a link to a printable version of this document
        e.g. a postscript or pdf version (rel="alternate" media="print")
-->

<!-- link: Media-Independent Link ..................... -->

<!ENTITY % link.element  "INCLUDE" >
<![%link.element;[
<!ENTITY % link.content  "EMPTY" >
<!ENTITY % link.qname  "link" >
<!ELEMENT %link.qname;  %link.content; >
<!-- end of link.element -->]]>

<!ENTITY % link.attlist  "INCLUDE" >
<![%link.attlist;[
<!ATTLIST %link.qname;
     %Common.attrib;
     charset       %Charset.datatype;       #IMPLIED
     href          %URI.datatype;           #IMPLIED
     hreflang      %LanguageCode.datatype;  #IMPLIED
     type          %ContentType.datatype;   #IMPLIED
```

```
    rel          %LinkTypes.datatype;      #IMPLIED
    rev          %LinkTypes.datatype;      #IMPLIED
    media        %MediaDesc.datatype;      #IMPLIED
>
<!-- end of link.attlist -->]]>

<!-- end of xhtml-link-1.mod -->
```

F.3.19. Base

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-base-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-base-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Base Element Module  ........................................... -->
<!-- file: xhtml-base-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-base-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $ SMI

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ELEMENTS XHTML Base Element 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-base-1.mod"

     Revisions:
     (none)
     ...................................................................... -->

<!-- Base element

        base

     This module declares the base element type and its attributes,
     used to define a base URI against which relative URIs in the
     document will be resolved.

     Note that this module also redeclares the content model for
     the head element to include the base element.
-->

<!-- base: Document Base URI .......................... -->

<!ENTITY % base.element  "INCLUDE" >
<![%base.element;[
<!ENTITY % base.content  "EMPTY" >
<!ENTITY % base.qname  "base" >
<!ELEMENT %base.qname;  %base.content; >
<!-- end of base.element -->]]>

<!ENTITY % base.attlist  "INCLUDE" >
<![%base.attlist;[
<!ATTLIST %base.qname;
      %XHTML.xmlns.attrib;
      href          %URI.datatype;            #REQUIRED
>
<!-- end of base.attlist -->]]>

<!ENTITY % head.content
    "( %HeadOpts.mix;,
     ( ( %title.qname;, %HeadOpts.mix;, ( %base.qname;, %HeadOpts.mix; )? )
     | ( %base.qname;, %HeadOpts.mix;, ( %title.qname;, %HeadOpts.mix; ))))"
>

<!-- end of xhtml-base-1.mod -->
```

F.3.20. Name Identification

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-nameident-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-nameident-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Name Identifier Module  ........................................ -->
```

```
<!-- file: xhtml-nameident-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-nameident-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ELEMENTS XHTML Name Identifier 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-nameident-1.mod"

     Revisions:
     (none)
     ................................................................ -->

<!-- Name Identifier

        'name' attribute on form, img, a, map, applet, frame, iframe

     This module declares the 'name' attribute on element types when
     it is used as a node identifier for legacy linking and scripting
     support. This does not include those instances when 'name' is used
     as a container for form control, property or metainformation names.

     This module should be instantiated following all modules it modifies.
-->

<!ENTITY % a.attlist  "IGNORE" >
<![%a.attlist;[
<!ATTLIST %a.qname;
      name         CDATA                 #IMPLIED
>
<!-- end of a.attlist -->]]>

<!ENTITY % map.attlist  "IGNORE" >
<![%map.attlist;[
<!ATTLIST %map.qname;
      name         CDATA                 #IMPLIED
>
<!-- end of map.attlist -->]]>

<!ENTITY % applet.attlist  "IGNORE" >
<![%applet.attlist;[
<!ATTLIST %applet.qname;
      name         CDATA                 #IMPLIED
>
<!-- end of applet.attlist -->]]>

<!ENTITY % frame.attlist  "IGNORE" >
<![%frame.attlist;[
<!ATTLIST %frame.qname;
      name         CDATA                 #IMPLIED
>
<!-- end of frame.attlist -->]]>

<!ENTITY % iframe.attlist  "IGNORE" >
<![%iframe.attlist;[
<!ATTLIST %iframe.qname;
      name         CDATA                 #IMPLIED
>
<!-- end of iframe.attlist -->]]>

<!-- end of xhtml-nameident.mod -->
```

F.3.21. Legacy

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-legacy-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-legacy-1.mod.

```
<!-- ................................................................ -->
<!-- XHTML Legacy Markup Module ..................................... -->
<!-- file: xhtml-legacy-1.mod

     This is an extension of XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-legacy-1.mod,v 4.1 2001/04/10 09:42:30 altheim Exp $ SMI
```

```
        This DTD module is identified by the PUBLIC and SYSTEM identifiers:

          PUBLIC "-//W3C//ELEMENTS XHTML Legacy Markup 1.0//EN"
          SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-legacy-1.mod"

        Revisions:
        (none)
        ................................................................. -->

<!-- HTML Legacy Markup

        font, basefont, center, s, strike, u, dir, menu, isindex

          (plus additional datatypes and attributes)

     This optional module declares additional markup for simple
     presentation-related markup based on features found in the
     HTML 4 Transitional and Frameset DTDs. This relies on
     inclusion of the Legacy Redeclarations module. This module
     also declares the frames, inline frames and object modules.

     This is to allow XHTML 1.1 documents to be transformed for
     display on HTML browsers where CSS support is inconsistent
     or unavailable.
-->
<!-- Constructing a Legacy DTD

     To construct a DTD driver obtaining a close approximation
     of the HTML 4 Transitional and Frameset DTDs, declare the
     Legacy Redeclarations module as the pre-framework redeclaration
     parameter entity (%xhtml-prefw-redecl.mod;) and INCLUDE its
     conditional section:

        ...
        <!ENTITY % xhtml-prefw-redecl.module "INCLUDE" >
        <![%xhtml-prefw-redecl.module;[
        <!ENTITY % xhtml-prefw-redecl.mod
            PUBLIC "-//W3C//ELEMENTS XHTML Legacy Redeclarations 1.0//EN"
                   "xhtml-legacy-redecl-1.mod" >
        %xhtml-prefw-redecl.mod;]]>

     Such a DTD should be named with a variant FPI and redeclare
     the value of the %XHTML.version; parameter entity to that FPI:

        "-//Your Name Here//DTD XHTML Legacy 1.1//EN"

     IMPORTANT:  see also the notes included in the Legacy Redeclarations
     Module for information on how to construct a DTD using this module.
-->


<!-- Additional Element Types ..................................... -->

<!-- font: Local Font Modifier  ........................ -->

<!ENTITY % font.element  "INCLUDE" >
<![%font.element;[
<!ENTITY % font.content
    "( #PCDATA | %Inline.mix; )*"
>
<!ENTITY % font.qname  "font" >
<!ELEMENT %font.qname;  %font.content; >
<!-- end of font.element -->]]>

<!ENTITY % font.attlist  "INCLUDE" >
<![%font.attlist;[
<!ATTLIST %font.qname;
     %Core.attrib;
     %I18n.attrib;
     size          CDATA                  #IMPLIED
     color         %Color.datatype;       #IMPLIED
     face          CDATA                  #IMPLIED
>
<!-- end of font.attlist -->]]>

<!-- basefont: Base Font Size  ........................ -->
```

```
<!ENTITY % basefont.element  "INCLUDE" >
<![%basefont.element;[
<!ENTITY % basefont.content "EMPTY" >
<!ENTITY % basefont.qname  "basefont" >
<!ELEMENT %basefont.qname;  %basefont.content; >
<!-- end of basefont.element -->]]>

<!ENTITY % basefont.attlist  "INCLUDE" >
<![%basefont.attlist;[
<!ATTLIST %basefont.qname;
      %id.attrib;
      size          CDATA                   #REQUIRED
      color         %Color.datatype;        #IMPLIED
      face          CDATA                   #IMPLIED
>
<!-- end of basefont.attlist -->]]>

<!-- center: Center Alignment  ......................... -->

<!ENTITY % center.element  "INCLUDE" >
<![%center.element;[
<!ENTITY % center.content
      "( #PCDATA | %Flow.mix; )*"
>
<!ENTITY % center.qname  "center" >
<!ELEMENT %center.qname;  %center.content; >
<!-- end of center.element -->]]>

<!ENTITY % center.attlist  "INCLUDE" >
<![%center.attlist;[
<!ATTLIST %center.qname;
      %Common.attrib;
>
<!-- end of center.attlist -->]]>

<!-- s: Strike-Thru Text Style  ....................... -->

<!ENTITY % s.element  "INCLUDE" >
<![%s.element;[
<!ENTITY % s.content
      "( #PCDATA | %Inline.mix; )*"
>
<!ENTITY % s.qname  "s" >
<!ELEMENT %s.qname;  %s.content; >
<!-- end of s.element -->]]>

<!ENTITY % s.attlist  "INCLUDE" >
<![%s.attlist;[
<!ATTLIST %s.qname;
      %Common.attrib;
>
<!-- end of s.attlist -->]]>

<!-- strike: Strike-Thru Text Style  ....................-->

<!ENTITY % strike.element  "INCLUDE" >
<![%strike.element;[
<!ENTITY % strike.content
      "( #PCDATA | %Inline.mix; )*"
>
<!ENTITY % strike.qname  "strike" >
<!ELEMENT %strike.qname;  %strike.content; >
<!-- end of strike.element -->]]>

<!ENTITY % strike.attlist  "INCLUDE" >
<![%strike.attlist;[
<!ATTLIST %strike.qname;
      %Common.attrib;
>
<!-- end of strike.attlist -->]]>

<!-- u: Underline Text Style  ...........................-->

<!ENTITY % u.element  "INCLUDE" >
<![%u.element;[
<!ENTITY % u.content
      "( #PCDATA | %Inline.mix; )*"
>
```

```
<!ENTITY % u.qname  "u" >
<!ELEMENT %u.qname;  %u.content; >
<!-- end of u.element -->]]>

<!ENTITY % u.attlist  "INCLUDE" >
<![%u.attlist;[
<!ATTLIST %u.qname;
      %Common.attrib;
>
<!-- end of u.attlist -->]]>

<!-- dir: Directory List  ............................ -->

<!-- NOTE: the content model for <dir> in HTML 4 excluded %Block.mix;
-->
<!ENTITY % dir.element  "INCLUDE" >
<![%dir.element;[
<!ENTITY % dir.content
    "( %li.qname; )+"
>
<!ENTITY % dir.qname  "dir" >
<!ELEMENT %dir.qname;  %dir.content; >
<!-- end of dir.element -->]]>

<!ENTITY % dir.attlist  "INCLUDE" >
<![%dir.attlist;[
<!ATTLIST %dir.qname;
      %Common.attrib;
      compact     ( compact )              #IMPLIED
>
<!-- end of dir.attlist -->]]>

<!-- menu: Menu List  ................................. -->

<!-- NOTE: the content model for <menu> in HTML 4 excluded %Block.mix;
-->
<!ENTITY % menu.element  "INCLUDE" >
<![%menu.element;[
<!ENTITY % menu.content
    "( %li.qname; )+"
>
<!ENTITY % menu.qname  "menu" >
<!ELEMENT %menu.qname;  %menu.content; >
<!-- end of menu.element -->]]>

<!ENTITY % menu.attlist  "INCLUDE" >
<![%menu.attlist;[
<!ATTLIST %menu.qname;
      %Common.attrib;
      compact     ( compact )              #IMPLIED
>
<!-- end of menu.attlist -->]]>

<!-- isindex: Single-Line Prompt  ..................... -->

<!ENTITY % isindex.element  "INCLUDE" >
<![%isindex.element;[
<!ENTITY % isindex.content "EMPTY" >
<!ENTITY % isindex.qname  "isindex" >
<!ELEMENT %isindex.qname;  %isindex.content; >
<!-- end of isindex.element -->]]>

<!ENTITY % isindex.attlist  "INCLUDE" >
<![%isindex.attlist;[
<!ATTLIST %isindex.qname;
      %Core.attrib;
      %I18n.attrib;
      prompt      %Text.datatype;          #IMPLIED
>
<!-- end of isindex.attlist -->]]>


<!-- Additional Attributes ...................................... -->

<!-- Alignment attribute for Transitional use in HTML browsers
     (this functionality is generally well-supported in CSS,
     except within some contexts)
-->
```

```
<!ENTITY % align.attrib
      "align        ( left | center | right | justify ) #IMPLIED"
>

<!ATTLIST %applet.qname;
      align         ( top | middle | bottom | left | right ) #IMPLIED
      hspace        %Pixels.datatype;          #IMPLIED
      vspace        %Pixels.datatype;          #IMPLIED
>

<!ATTLIST %body.qname;
      background    %URI.datatype;             #IMPLIED
      bgcolor       %Color.datatype;           #IMPLIED
      text          %Color.datatype;           #IMPLIED
      link          %Color.datatype;           #IMPLIED
      vlink         %Color.datatype;           #IMPLIED
      alink         %Color.datatype;           #IMPLIED
>

<!ATTLIST %br.qname;
      clear         ( left | all | right | none ) 'none'
>

<!ATTLIST %caption.qname;
      align         ( top | bottom | left | right ) #IMPLIED
>

<!ATTLIST %div.qname;
      %align.attrib;
>

<!ATTLIST %h1.qname;
      %align.attrib;
>

<!ATTLIST %h2.qname;
      %align.attrib;
>

<!ATTLIST %h3.qname;
      %align.attrib;
>

<!ATTLIST %h4.qname;
      %align.attrib;
>

<!ATTLIST %h5.qname;
      %align.attrib;
>

<!ATTLIST %h6.qname;
      %align.attrib;
>

<!ATTLIST %hr.qname;
      align         ( left | center | right ) #IMPLIED
      noshade       ( noshade )                #IMPLIED
      size          %Pixels.datatype;          #IMPLIED
      width         %Length.datatype;          #IMPLIED
>

<!ATTLIST %img.qname;
      align         ( top | middle | bottom | left | right ) #IMPLIED
      border        %Pixels.datatype;          #IMPLIED
      hspace        %Pixels.datatype;          #IMPLIED
      vspace        %Pixels.datatype;          #IMPLIED
>

<!ATTLIST %input.qname;
      align         ( top | middle | bottom | left | right ) #IMPLIED
>

<!ATTLIST %legend.qname;
      align         ( top | bottom | left | right ) #IMPLIED
>

<!ATTLIST %li.qname;
```

```
        type          CDATA                   #IMPLIED
        value         %Number.datatype;       #IMPLIED
>

<!ATTLIST %object.qname;
        align         ( top | middle | bottom | left | right ) #IMPLIED
        border        %Pixels.datatype;       #IMPLIED
        hspace        %Pixels.datatype;       #IMPLIED
        vspace        %Pixels.datatype;       #IMPLIED
>

<!ATTLIST %dl.qname;
        compact       ( compact )             #IMPLIED
>

<!ATTLIST %ol.qname;
        type          CDATA                   #IMPLIED
        compact       ( compact )             #IMPLIED
        start         %Number.datatype;       #IMPLIED
>

<!ATTLIST %p.qname;
        %align.attrib;
>

<!ATTLIST %pre.qname;
        width         %Length.datatype;       #IMPLIED
>

<!ATTLIST %script.qname;
        language      %ContentType.datatype;  #IMPLIED
>

<!ATTLIST %table.qname;
        align         ( left | center | right ) #IMPLIED
        bgcolor       %Color.datatype;        #IMPLIED
>

<!ATTLIST %tr.qname;
        bgcolor       %Color.datatype;        #IMPLIED
>

<!ATTLIST %th.qname;
        nowrap        ( nowrap )              #IMPLIED
        bgcolor       %Color.datatype;        #IMPLIED
        width         %Length.datatype;       #IMPLIED
        height        %Length.datatype;       #IMPLIED
>

<!ATTLIST %td.qname;
        nowrap        ( nowrap )              #IMPLIED
        bgcolor       %Color.datatype;        #IMPLIED
        width         %Length.datatype;       #IMPLIED
        height        %Length.datatype;       #IMPLIED
>

<!ATTLIST %ul.qname;
        type          CDATA                   #IMPLIED
        compact       ( compact )             #IMPLIED
>

<!-- Frames Module ............................................. -->
<!ENTITY % xhtml-frames.module "IGNORE" >
<![%xhtml-frames.module;[
<!ENTITY % xhtml-frames.mod
     PUBLIC "-//W3C//ELEMENTS XHTML Frames 1.0//EN"
            "xhtml-frames-1.mod" >
%xhtml-frames.mod;]]>

<!-- Inline Frames Module ......................................... -->
<!ENTITY % xhtml-iframe.module "INCLUDE" >
<![%xhtml-iframe.module;[
<!ATTLIST %iframe.qname;
        align         ( top | middle | bottom | left | right ) #IMPLIED
>
<!ENTITY % xhtml-iframe.mod
     PUBLIC "-//W3C//ELEMENTS XHTML Inline Frame Element 1.0//EN"
            "xhtml-iframe-1.mod" >
```

```
%xhtml-iframe.mod;]]>

<!-- end of xhtml-legacy-1.mod -->
```

F.4. XHTML DTD Support Modules

The modules in this section are elements of the XHTML DTD implementation that, while hidden from casual users, are important to understand when creating derivative markup languages using the Modularization architecture.

F.4.1. Block Phrasal

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-blkphras-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-blkphras-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Block Phrasal Module  ........................................ -->
<!-- file: xhtml-blkphras-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-blkphras-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $ SMI

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ELEMENTS XHTML Block Phrasal 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-blkphras-1.mod"

     Revisions:
     (none)
     ................................................................ -->

<!-- Block Phrasal

       address, blockquote, pre, h1, h2, h3, h4, h5, h6

     This module declares the elements and their attributes used to
     support block-level phrasal markup.
-->

<!ENTITY % address.element  "INCLUDE" >
<![%address.element;[
<!ENTITY % address.content
    "( #PCDATA | %Inline.mix; )*" >
<!ENTITY % address.qname  "address" >
<!ELEMENT %address.qname;  %address.content; >
<!-- end of address.element -->]]>

<!ENTITY % address.attlist  "INCLUDE" >
<![%address.attlist;[
<!ATTLIST %address.qname;
      %Common.attrib;
>
<!-- end of address.attlist -->]]>

<!ENTITY % blockquote.element  "INCLUDE" >
<![%blockquote.element;[
<!ENTITY % blockquote.content
    "( %Block.mix; )*"
>
<!ENTITY % blockquote.qname  "blockquote" >
<!ELEMENT %blockquote.qname;  %blockquote.content; >
<!-- end of blockquote.element -->]]>

<!ENTITY % blockquote.attlist  "INCLUDE" >
<![%blockquote.attlist;[
<!ATTLIST %blockquote.qname;
      %Common.attrib;
      cite         %URI.datatype;           #IMPLIED
>
<!-- end of blockquote.attlist -->]]>

<!ENTITY % pre.element  "INCLUDE" >
<![%pre.element;[
<!ENTITY % pre.content
    "( #PCDATA
```

```
        | %InlStruct.class;
        %InlPhras.class;
        | %tt.qname; | %i.qname; | %b.qname;
        %I18n.class;
        %Anchor.class;
        | %map.qname;
        %Misc.class;
        %Inline.extra; )*"
>
<!ENTITY % pre.qname   "pre" >
<!ELEMENT %pre.qname;  %pre.content; >
<!-- end of pre.element -->]]>

<!ENTITY % pre.attlist  "INCLUDE" >
<![%pre.attlist;[
<!ATTLIST %pre.qname;
        %Common.attrib;
>
<!-- end of pre.attlist -->]]>

<!-- .................  Heading Elements  .................. -->

<!ENTITY % Heading.content  "( #PCDATA | %Inline.mix; )*" >

<!ENTITY % h1.element  "INCLUDE" >
<![%h1.element;[
<!ENTITY % h1.qname  "h1" >
<!ELEMENT %h1.qname;  %Heading.content; >
<!-- end of h1.element -->]]>

<!ENTITY % h1.attlist  "INCLUDE" >
<![%h1.attlist;[
<!ATTLIST %h1.qname;
        %Common.attrib;
>
<!-- end of h1.attlist -->]]>

<!ENTITY % h2.element  "INCLUDE" >
<![%h2.element;[
<!ENTITY % h2.qname  "h2" >
<!ELEMENT %h2.qname;  %Heading.content; >
<!-- end of h2.element -->]]>

<!ENTITY % h2.attlist  "INCLUDE" >
<![%h2.attlist;[
<!ATTLIST %h2.qname;
        %Common.attrib;
>
<!-- end of h2.attlist -->]]>

<!ENTITY % h3.element  "INCLUDE" >
<![%h3.element;[
<!ENTITY % h3.qname  "h3" >
<!ELEMENT %h3.qname;  %Heading.content; >
<!-- end of h3.element -->]]>

<!ENTITY % h3.attlist  "INCLUDE" >
<![%h3.attlist;[
<!ATTLIST %h3.qname;
        %Common.attrib;
>
<!-- end of h3.attlist -->]]>

<!ENTITY % h4.element  "INCLUDE" >
<![%h4.element;[
<!ENTITY % h4.qname  "h4" >
<!ELEMENT %h4.qname;  %Heading.content; >
<!-- end of h4.element -->]]>

<!ENTITY % h4.attlist  "INCLUDE" >
<![%h4.attlist;[
<!ATTLIST %h4.qname;
        %Common.attrib;
>
<!-- end of h4.attlist -->]]>

<!ENTITY % h5.element  "INCLUDE" >
<![%h5.element;[
```

```
<!ENTITY % h5.qname  "h5" >
<!ELEMENT %h5.qname;  %Heading.content; >
<!-- end of h5.element -->]]>

<!ENTITY % h5.attlist  "INCLUDE" >
<![%h5.attlist;[
<!ATTLIST %h5.qname;
      %Common.attrib;
>
<!-- end of h5.attlist -->]]>

<!ENTITY % h6.element  "INCLUDE" >
<![%h6.element;[
<!ENTITY % h6.qname  "h6" >
<!ELEMENT %h6.qname;  %Heading.content; >
<!-- end of h6.element -->]]>

<!ENTITY % h6.attlist  "INCLUDE" >
<![%h6.attlist;[
<!ATTLIST %h6.qname;
      %Common.attrib;
>
<!-- end of h6.attlist -->]]>

<!-- end of xhtml-blkphras-1.mod -->
```

F.4.2. Block Presentational

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-blkpres-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-blkpres-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Block Presentation Module  .................................... -->
<!-- file: xhtml-blkpres-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-blkpres-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $ SMI

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ELEMENTS XHTML Block Presentation 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-blkpres-1.mod"

     Revisions:
     (none)
     ...................................................................... -->

<!-- Block Presentational Elements

        hr

     This module declares the elements and their attributes used to
     support block-level presentational markup.
-->

<!ENTITY % hr.element  "INCLUDE" >
<![%hr.element;[
<!ENTITY % hr.content  "EMPTY" >
<!ENTITY % hr.qname  "hr" >
<!ELEMENT %hr.qname;  %hr.content; >
<!-- end of hr.element -->]]>

<!ENTITY % hr.attlist  "INCLUDE" >
<![%hr.attlist;[
<!ATTLIST %hr.qname;
      %Common.attrib;
>
<!-- end of hr.attlist -->]]>

<!-- end of xhtml-blkpres-1.mod -->
```

F.4.3. Block Structural

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-blkstruct-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-blkstruct-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Block Structural Module  ....................................... -->
<!-- file: xhtml-blkstruct-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-blkstruct-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $ SMI

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ELEMENTS XHTML Block Structural 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-blkstruct-1.mod"

     Revisions:
     (none)
     ................................................................ -->

<!-- Block Structural

        div, p

     This module declares the elements and their attributes used to
     support block-level structural markup.
-->

<!ENTITY % div.element  "INCLUDE" >
<![%div.element;[
<!ENTITY % div.content
     "( #PCDATA | %Flow.mix; )*"
>
<!ENTITY % div.qname  "div" >
<!ELEMENT %div.qname;  %div.content; >
<!-- end of div.element -->]]>

<!ENTITY % div.attlist  "INCLUDE" >
<![%div.attlist;[
<!ATTLIST %div.qname;
     %Common.attrib;
>
<!-- end of div.attlist -->]]>

<!ENTITY % p.element  "INCLUDE" >
<![%p.element;[
<!ENTITY % p.content
     "( #PCDATA | %Inline.mix; )*" >
<!ENTITY % p.qname  "p" >
<!ELEMENT %p.qname;  %p.content; >
<!-- end of p.element -->]]>

<!ENTITY % p.attlist  "INCLUDE" >
<![%p.attlist;[
<!ATTLIST %p.qname;
     %Common.attrib;
>
<!-- end of p.attlist -->]]>

<!-- end of xhtml-blkstruct-1.mod -->
```

F.4.4. Inline Phrasal

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-inlphras-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-inlphras-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Inline Phrasal Module  ......................................... -->
<!-- file: xhtml-inlphras-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-inlphras-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $ SMI
```

```
      This DTD module is identified by the PUBLIC and SYSTEM identifiers:

        PUBLIC "-//W3C//ELEMENTS XHTML Inline Phrasal 1.0//EN"
        SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-inlphras-1.mod"

      Revisions:
      (none)
      ................................................................ -->

<!-- Inline Phrasal

        abbr, acronym, cite, code, dfn, em, kbd, q, samp, strong, var

      This module declares the elements and their attributes used to
      support inline-level phrasal markup.
-->

<!ENTITY % abbr.element  "INCLUDE" >
<![%abbr.element;[
<!ENTITY % abbr.content
     "( #PCDATA | %Inline.mix; )*"
>
<!ENTITY % abbr.qname  "abbr" >
<!ELEMENT %abbr.qname;  %abbr.content; >
<!-- end of abbr.element -->]]>

<!ENTITY % abbr.attlist  "INCLUDE" >
<![%abbr.attlist;[
<!ATTLIST %abbr.qname;
      %Common.attrib;
>
<!-- end of abbr.attlist -->]]>

<!ENTITY % acronym.element  "INCLUDE" >
<![%acronym.element;[
<!ENTITY % acronym.content
     "( #PCDATA | %Inline.mix; )*"
>
<!ENTITY % acronym.qname  "acronym" >
<!ELEMENT %acronym.qname;  %acronym.content; >
<!-- end of acronym.element -->]]>

<!ENTITY % acronym.attlist  "INCLUDE" >
<![%acronym.attlist;[
<!ATTLIST %acronym.qname;
      %Common.attrib;
>
<!-- end of acronym.attlist -->]]>

<!ENTITY % cite.element  "INCLUDE" >
<![%cite.element;[
<!ENTITY % cite.content
     "( #PCDATA | %Inline.mix; )*"
>
<!ENTITY % cite.qname  "cite" >
<!ELEMENT %cite.qname;  %cite.content; >
<!-- end of cite.element -->]]>

<!ENTITY % cite.attlist  "INCLUDE" >
<![%cite.attlist;[
<!ATTLIST %cite.qname;
      %Common.attrib;
>
<!-- end of cite.attlist -->]]>

<!ENTITY % code.element  "INCLUDE" >
<![%code.element;[
<!ENTITY % code.content
     "( #PCDATA | %Inline.mix; )*"
>
<!ENTITY % code.qname  "code" >
<!ELEMENT %code.qname;  %code.content; >
<!-- end of code.element -->]]>

<!ENTITY % code.attlist  "INCLUDE" >
<![%code.attlist;[
<!ATTLIST %code.qname;
```

```
      %Common.attrib;
>
<!-- end of code.attlist -->]]>

<!ENTITY % dfn.element  "INCLUDE" >
<![%dfn.element;[
<!ENTITY % dfn.content
     "( #PCDATA | %Inline.mix; )*"
>
<!ENTITY % dfn.qname  "dfn" >
<!ELEMENT %dfn.qname;  %dfn.content; >
<!-- end of dfn.element -->]]>

<!ENTITY % dfn.attlist  "INCLUDE" >
<![%dfn.attlist;[
<!ATTLIST %dfn.qname;
      %Common.attrib;
>
<!-- end of dfn.attlist -->]]>

<!ENTITY % em.element  "INCLUDE" >
<![%em.element;[
<!ENTITY % em.content
     "( #PCDATA | %Inline.mix; )*"
>
<!ENTITY % em.qname  "em" >
<!ELEMENT %em.qname;  %em.content; >
<!-- end of em.element -->]]>

<!ENTITY % em.attlist  "INCLUDE" >
<![%em.attlist;[
<!ATTLIST %em.qname;
      %Common.attrib;
>
<!-- end of em.attlist -->]]>

<!ENTITY % kbd.element  "INCLUDE" >
<![%kbd.element;[
<!ENTITY % kbd.content
     "( #PCDATA | %Inline.mix; )*"
>
<!ENTITY % kbd.qname  "kbd" >
<!ELEMENT %kbd.qname;  %kbd.content; >
<!-- end of kbd.element -->]]>

<!ENTITY % kbd.attlist  "INCLUDE" >
<![%kbd.attlist;[
<!ATTLIST %kbd.qname;
      %Common.attrib;
>
<!-- end of kbd.attlist -->]]>

<!ENTITY % q.element  "INCLUDE" >
<![%q.element;[
<!ENTITY % q.content
     "( #PCDATA | %Inline.mix; )*"
>
<!ENTITY % q.qname  "q" >
<!ELEMENT %q.qname;  %q.content; >
<!-- end of q.element -->]]>

<!ENTITY % q.attlist  "INCLUDE" >
<![%q.attlist;[
<!ATTLIST %q.qname;
      %Common.attrib;
      cite          %URI.datatype;          #IMPLIED
>
<!-- end of q.attlist -->]]>

<!ENTITY % samp.element  "INCLUDE" >
<![%samp.element;[
<!ENTITY % samp.content
     "( #PCDATA | %Inline.mix; )*"
>
<!ENTITY % samp.qname  "samp" >
<!ELEMENT %samp.qname;  %samp.content; >
<!-- end of samp.element -->]]>
```

```
<!ENTITY % samp.attlist  "INCLUDE" >
<![%samp.attlist;[
<!ATTLIST %samp.qname;
       %Common.attrib;
>
<!-- end of samp.attlist -->]]>

<!ENTITY % strong.element  "INCLUDE" >
<![%strong.element;[
<!ENTITY % strong.content
      "( #PCDATA | %Inline.mix; )*"
>
<!ENTITY % strong.qname  "strong" >
<!ELEMENT %strong.qname;  %strong.content; >
<!-- end of strong.element -->]]>

<!ENTITY % strong.attlist  "INCLUDE" >
<![%strong.attlist;[
<!ATTLIST %strong.qname;
       %Common.attrib;
>
<!-- end of strong.attlist -->]]>

<!ENTITY % var.element  "INCLUDE" >
<![%var.element;[
<!ENTITY % var.content
      "( #PCDATA | %Inline.mix; )*"
>
<!ENTITY % var.qname  "var" >
<!ELEMENT %var.qname;  %var.content; >
<!-- end of var.element -->]]>

<!ENTITY % var.attlist  "INCLUDE" >
<![%var.attlist;[
<!ATTLIST %var.qname;
       %Common.attrib;
>
<!-- end of var.attlist -->]]>

<!-- end of xhtml-inlphras-1.mod -->
```

F.4.5. Inline Presentational

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-inlpres-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-inlpres-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Inline Presentation Module  .................................... -->
<!-- file: xhtml-inlpres-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-inlpres-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $ SMI

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ELEMENTS XHTML Inline Presentation 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-inlpres-1.mod"

     Revisions:
     (none)
     ...................................................................... -->

<!-- Inline Presentational Elements

       b, big, i, small, sub, sup, tt

     This module declares the elements and their attributes used to
     support inline-level presentational markup.
-->

<!ENTITY % b.element  "INCLUDE" >
<![%b.element;[
<!ENTITY % b.content
      "( #PCDATA | %Inline.mix; )*"
>
```

```
<!ENTITY % b.qname  "b" >
<!ELEMENT %b.qname;  %b.content; >
<!-- end of b.element -->]]>

<!ENTITY % b.attlist  "INCLUDE" >
<![%b.attlist;[
<!ATTLIST %b.qname;
      %Common.attrib;
>
<!-- end of b.attlist -->]]>

<!ENTITY % big.element  "INCLUDE" >
<![%big.element;[
<!ENTITY % big.content
      "( #PCDATA | %Inline.mix; )*"
>
<!ENTITY % big.qname  "big" >
<!ELEMENT %big.qname;  %big.content; >
<!-- end of big.element -->]]>

<!ENTITY % big.attlist  "INCLUDE" >
<![%big.attlist;[
<!ATTLIST %big.qname;
      %Common.attrib;
>
<!-- end of big.attlist -->]]>

<!ENTITY % i.element  "INCLUDE" >
<![%i.element;[
<!ENTITY % i.content
      "( #PCDATA | %Inline.mix; )*"
>
<!ENTITY % i.qname  "i" >
<!ELEMENT %i.qname;  %i.content; >
<!-- end of i.element -->]]>

<!ENTITY % i.attlist  "INCLUDE" >
<![%i.attlist;[
<!ATTLIST %i.qname;
      %Common.attrib;
>
<!-- end of i.attlist -->]]>

<!ENTITY % small.element  "INCLUDE" >
<![%small.element;[
<!ENTITY % small.content
      "( #PCDATA | %Inline.mix; )*"
>
<!ENTITY % small.qname  "small" >
<!ELEMENT %small.qname;  %small.content; >
<!-- end of small.element -->]]>

<!ENTITY % small.attlist  "INCLUDE" >
<![%small.attlist;[
<!ATTLIST %small.qname;
      %Common.attrib;
>
<!-- end of small.attlist -->]]>

<!ENTITY % sub.element  "INCLUDE" >
<![%sub.element;[
<!ENTITY % sub.content
      "( #PCDATA | %Inline.mix; )*"
>
<!ENTITY % sub.qname  "sub" >
<!ELEMENT %sub.qname;  %sub.content; >
<!-- end of sub.element -->]]>

<!ENTITY % sub.attlist  "INCLUDE" >
<![%sub.attlist;[
<!ATTLIST %sub.qname;
      %Common.attrib;
>
<!-- end of sub.attlist -->]]>

<!ENTITY % sup.element  "INCLUDE" >
<![%sup.element;[
<!ENTITY % sup.content
```

```
    "( #PCDATA | %Inline.mix; )*"
>
<!ENTITY % sup.qname  "sup" >
<!ELEMENT %sup.qname;  %sup.content; >
<!-- end of sup.element -->]]>

<!ENTITY % sup.attlist  "INCLUDE" >
<![%sup.attlist;[
<!ATTLIST %sup.qname;
       %Common.attrib;
>
<!-- end of sup.attlist -->]]>

<!ENTITY % tt.element  "INCLUDE" >
<![%tt.element;[
<!ENTITY % tt.content
       "( #PCDATA | %Inline.mix; )*"
>
<!ENTITY % tt.qname  "tt" >
<!ELEMENT %tt.qname;  %tt.content; >
<!-- end of tt.element -->]]>

<!ENTITY % tt.attlist  "INCLUDE" >
<![%tt.attlist;[
<!ATTLIST %tt.qname;
       %Common.attrib;
>
<!-- end of tt.attlist -->]]>

<!-- end of xhtml-inlpres-1.mod -->
```

F.4.6. Inline Structural

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-inlstruct-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-inlstruct-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Inline Structural Module  ...................................... -->
<!-- file: xhtml-inlstruct-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-inlstruct-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $ SMI

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ELEMENTS XHTML Inline Structural 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-inlstruct-1.mod"

     Revisions:
     (none)
     ................................................................. -->

<!-- Inline Structural

        br, span

     This module declares the elements and their attributes
     used to support inline-level structural markup.
-->

<!-- br: forced line break ............................ -->

<!ENTITY % br.element  "INCLUDE" >
<![%br.element;[

<!ENTITY % br.content  "EMPTY" >
<!ENTITY % br.qname  "br" >
<!ELEMENT %br.qname;  %br.content; >

<!-- end of br.element -->]]>

<!ENTITY % br.attlist  "INCLUDE" >
<![%br.attlist;[
<!ATTLIST %br.qname;
       %Core.attrib;
```

```
>
<!-- end of br.attlist -->]]>

<!-- span: generic inline container .................... -->

<!ENTITY % span.element  "INCLUDE" >
<![%span.element;[
<!ENTITY % span.content
     "( #PCDATA | %Inline.mix; )*"
>
<!ENTITY % span.qname  "span" >
<!ELEMENT %span.qname;  %span.content; >
<!-- end of span.element -->]]>

<!ENTITY % span.attlist  "INCLUDE" >
<![%span.attlist;[
<!ATTLIST %span.qname;
     %Common.attrib;
>
<!-- end of span.attlist -->]]>

<!-- end of xhtml-inlstruct-1.mod -->
```

F.4.7. Param

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-param-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-param-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Param Element Module  ..................................... -->
<!-- file: xhtml-param-1.mod

     This is XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-param-1.mod,v 4.0 2001/04/02 22:42:49 altheim Exp $ SMI

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ELEMENTS XHTML Param Element 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-param-1.mod"

     Revisions:
     (none)
     ................................................................... -->

<!-- Parameters for Java Applets and Embedded Objects

        param

     This module provides declarations for the param element,
     used to provide named property values for the applet
     and object elements.
-->

<!-- param: Named Property Value ...................... -->

<!ENTITY % param.element  "INCLUDE" >
<![%param.element;[
<!ENTITY % param.content  "EMPTY" >
<!ENTITY % param.qname  "param" >
<!ELEMENT %param.qname;  %param.content; >
<!-- end of param.element -->]]>

<!ENTITY % param.attlist  "INCLUDE" >
<![%param.attlist;[
<!ATTLIST %param.qname;
     %XHTML.xmlns.attrib;
     %id.attrib;
     name          CDATA                  #REQUIRED
     value         CDATA                  #IMPLIED
     valuetype     ( data | ref | object )  'data'
     type          %ContentType.datatype;   #IMPLIED
>
<!-- end of param.attlist -->]]>
```

```
<!-- end of xhtml-param-1.mod -->
```

F.4.8. Legacy Redeclarations

You can download this version of this file from http://www.w3.org/TR/2010/REC-xhtml-modularization/DTD/xhtml-legacy-redecl-1.mod. The latest version is available at http://www.w3.org/MarkUp/DTD/xhtml-legacy-redecl-1.mod.

```
<!-- ...................................................................... -->
<!-- XHTML Legacy Redeclarations Module ................................... -->
<!-- file: xhtml-legacy-redecl-1.mod

     This is an extension of XHTML, a reformulation of HTML as a modular XML application.
     Copyright 1998-2005 W3C (MIT, ERCIM, Keio), All Rights Reserved.
     Revision: $Id: xhtml-legacy-redecl-1.mod,v 4.4 2001/04/10 09:42:30 altheim Exp $ SMI

     This DTD module is identified by the PUBLIC and SYSTEM identifiers:

       PUBLIC "-//W3C//ELEMENTS XHTML Legacy Redeclarations 1.0//EN"
       SYSTEM "http://www.w3.org/MarkUp/DTD/xhtml-legacy-redecl-1.mod"

     Revisions:
     (none)
     ................................................................ -->


<!-- Legacy Redeclarations

     This optional module replaces the Modular Framework module, interspersing
     redeclarations of various parameter entities to allow for inclusions of
     Transitional markup in the XHTML 1.1 document model. This instantiates
     the modules needed to support the XHTML modularization model, including:

         +  notations
         +  datatypes
         +  namespace-qualified names
         +  common attributes
         +  document model
         +  character entities

     By default, the Object module is included, with Frames and IFrames ignored.

     The Intrinsic Events module is ignored by default but
     occurs in this module because it must be instantiated
     prior to Attributes but after Datatypes.
-->
<!ENTITY % xhtml-legacy.module "INCLUDE" >

<!ENTITY % xhtml-arch.module "IGNORE" >
<![%xhtml-arch.module;[
<!ENTITY % xhtml-arch.mod
     PUBLIC "-//W3C//ELEMENTS XHTML Base Architecture 1.0//EN"
            "xhtml-arch-1.mod" >
%xhtml-arch.mod;]]>

<!ENTITY % xhtml-notations.module "INCLUDE" >
<![%xhtml-notations.module;[
<!ENTITY % xhtml-notations.mod
     PUBLIC "-//W3C//NOTATIONS XHTML Notations 1.0//EN"
            "xhtml-notations-1.mod" >
%xhtml-notations.mod;]]>

<!-- Datatypes Module ........................................... -->
<!ENTITY % xhtml-datatypes.module "INCLUDE" >
<![%xhtml-datatypes.module;[
<!ENTITY % xhtml-datatypes.mod
     PUBLIC "-//W3C//ENTITIES XHTML Datatypes 1.0//EN"
            "xhtml-datatypes-1.mod" >
%xhtml-datatypes.mod;]]>

<!-- Qualified Names Module ...................................... -->
<!ENTITY % xhtml-qname.module "INCLUDE" >
<![%xhtml-qname.module;[
<!ENTITY % xhtml-qname.mod
     PUBLIC "-//W3C//ENTITIES XHTML Qualified Names 1.0//EN"
            "xhtml-qname-1.mod" >
%xhtml-qname.mod;]]>
```

```
<!-- Additional Qualified Names ................................. -->

<!-- xhtml-legacy-1.mod -->
<!ENTITY % font.qname      "%XHTML.pfx;font" >
<!ENTITY % basefont.qname  "%XHTML.pfx;basefont" >
<!ENTITY % center.qname    "%XHTML.pfx;center" >
<!ENTITY % s.qname         "%XHTML.pfx;s" >
<!ENTITY % strike.qname    "%XHTML.pfx;strike" >
<!ENTITY % u.qname         "%XHTML.pfx;u" >
<!ENTITY % dir.qname       "%XHTML.pfx;dir" >
<!ENTITY % menu.qname      "%XHTML.pfx;menu" >
<!ENTITY % isindex.qname   "%XHTML.pfx;isindex" >

<!-- xhtml-frames-1.mod -->
<!ENTITY % frameset.qname "%XHTML.pfx;frameset" >
<!ENTITY % frame.qname    "%XHTML.pfx;frame" >
<!ENTITY % noframes.qname "%XHTML.pfx;noframes" >

<!-- xhtml-iframe-1.mod -->
<!ENTITY % iframe.qname   "%XHTML.pfx;iframe" >

<!ENTITY % xhtml-events.module "IGNORE" >
<![%xhtml-events.module;[
<!ENTITY % xhtml-events.mod
     PUBLIC "-//W3C//ENTITIES XHTML Intrinsic Events 1.0//EN"
            "xhtml-events-1.mod" >
%xhtml-events.mod;]]>

<!-- Additional Common Attributes ............................... -->

<!-- include historical 'lang' attribute (which should
     always match the value of 'xml:lang')
-->
<!ENTITY % lang.attrib
     "xml:lang     %LanguageCode.datatype;  #IMPLIED
      lang         %LanguageCode.datatype;  #IMPLIED"
>

<!-- Common Attributes Module ................................... -->
<!ENTITY % xhtml-attribs.module "INCLUDE" >
<![%xhtml-attribs.module;[
<!ENTITY % xhtml-attribs.mod
     PUBLIC "-//W3C//ENTITIES XHTML Common Attributes 1.0//EN"
            "xhtml-attribs-1.mod" >
%xhtml-attribs.mod;]]>

<!-- placeholder for content model redeclarations -->
<!ENTITY % xhtml-model.redecl "" >
%xhtml-model.redecl;

<!-- Document Model Redeclarations ............................... -->

<!ENTITY % InlPres.class
     "| %tt.qname; | %i.qname; | %b.qname; | %big.qname;
      | %small.qname; | %sub.qname; | %sup.qname;
      | %font.qname; | %basefont.qname; | %iframe.qname;
      | %s.qname; | %strike.qname; | %u.qname;"
>

<!ENTITY % InlSpecial.class
     "| %img.qname; | %map.qname;
      | %applet.qname; | %object.qname;" >

<!ENTITY % BlkPres.class
     "| %hr.qname; | %center.qname;"
>

<!ENTITY % BlkSpecial.class
     "| %table.qname; | %form.qname; | %fieldset.qname;
      | %noframes.qname; | %isindex.qname;"
>

<!ENTITY % List.class
     "%ul.qname; | %ol.qname; | %dl.qname;
      | %dir.qname; | %menu.qname;"
>
```

```
<!-- Document Model Module  ..................................... -->
<!ENTITY % xhtml-model.module "INCLUDE" >
<![%xhtml-model.module;[
<!-- instantiate the Document Model module declared in the DTD driver
-->
%xhtml-model.mod;]]>

<!ENTITY % blockquote.content
     "( #PCDATA | %Flow.mix; )*"
>

<!ENTITY % noscript.content
      "( #PCDATA | %Flow.mix; )*"
>

<!ENTITY % body.content
     "( #PCDATA | %Flow.mix; )*"
>

<!-- redeclare content model of <html> to allow for either
     body or frameset content. The SGML markup minimization
     features used in HTML 4 do not apply, so the ambiguity
     that necessitated separation into the separate Frameset
     and Transitional DTDs is eliminated.
-->
<!ENTITY % html.content
     "( %head.qname;, ( %body.qname; | %frameset.qname; ) )"
>


<!ENTITY % xhtml-charent.module "INCLUDE" >
<![%xhtml-charent.module;[
<!ENTITY % xhtml-charent.mod
     PUBLIC "-//W3C//ENTITIES XHTML Character Entities 1.0//EN"
            "xhtml-charent-1.mod" >
%xhtml-charent.mod;]]>

<!-- end of xhtml-legacy-redecl-1.mod -->
```