

Headings, Result

P – The Basic Paragraph

-

Attributes: ALIGN

LEFT (default), RIGHT, CENTER. Same as headings.

Whitespace ignored (use
 for line break)

-

Consecutive <P>'s do not yield multiple blank lines

–

End Tag is Optional:

```
<BODY>
<P>
Paragraph 1
</P>
<P>
Paragraph 2
</P>
<P>
Paragraph 3
</P>
</BODY>
```

Fully-Specified

```
<BODY>
<P>
Paragraph 1
<P>
Paragraph 2
<P>
Paragraph 3
</BODY>
```

Equivalent with Implied Tags

Preformatted Paragraphs

-

The PRE Element

–

```
<PRE> ... </PRE>
```

-

Attributes: WIDTH

–

Expected width in characters. Not widely supported.

-

Problem: Special Characters

<PRE>

```
if (a<b) {  
doThis();  
} else {  
doThat();  
}
```

</PRE>

Desired Character

HTML Required

<

<

>

>

& &

"

"

Non-breaking space

OL: Ordered (Numbered) Lists

•

OL Element

–

...

...

...

–

Attributes: TYPE, START, COMPACT

•

List entries: LI

–

<LI ...> ... (End Tag Optional)

–

Attributes: (When inside OL) VALUE, TYPE

A sample list:

List Item One

List Item Two

List Item Three

Nested Ordered Lists

```
<OL TYPE="I">
<LI>Headings
<LI>Basic Text Sections
<LI>Lists
<OL TYPE="A">
<LI>Ordered
<OL TYPE="1">
<LI>The OL tag
<OL TYPE="a">
<LI>TYPE
<LI>START
<LI>COMPACT
</OL>
<LI>The LI tag
</OL>
<LI>Unordered
<OL TYPE="1">
<LI>The UL tag
<LI>The LI tag
</OL>
<LI>Definition
<OL TYPE="1">
<LI>The DL tag
<LI>The DT tag
<LI>The DD tag
</OL>
</OL>
<LI>Miscellaneous
</OL>
```

UL: Unordered (Bulleted) Lists

•

UL Element

—

```
<UL>
```

```
<LI>...
```

```
<LI>...
```

...

```
</UL>
```

•

Attributes: TYPE, COMPACT

—

TYPE is DISC, CIRCLE, or SQUARE

•

List entries: LI (TYPE)

—

TYPE is DISC, CIRCLE, or SQUARE

A sample list:

```
<UL>
```

```
<LI>List Item One
```

```
<LI>List Item Two
```

```
<LI>List Item Three
```

```
</UL>
```

UL: Custom Bullets

```
<UL TYPE="DISC">
<LI>The UL tag
<UL TYPE="CIRCLE">
<LI>TYPE
<UL TYPE="SQUARE">
<LI>DISC
<LI>CIRCLE
<LI>SQUARE
</UL>
<LI>COMPACT
</UL>
<LI>The LI tag
<UL TYPE="CIRCLE">
<LI>TYPE
<UL TYPE="SQUARE">
<LI>DISC
<LI>CIRCLE
<LI>SQUARE
</UL>
<LI>VALUE
</UL>
</UL>
```

Text-Level Elements

•

Physical Character Styles

–

B, I, TT, U, SUB, SUP,
SMALL, BIG, STRIKE, S,
BLINK

–

FONT

•

SIZE

•

COLOR

•

FACE

–

BASEFONT

–

SIZE

•

Logical Character Styles

–

EM, STRONG, CODE, SAMP,
KBD, DFN, VAR, CITE

Text-Level Elements (Continued)

- Hypertext Links
—
A
 - HREF, NAME, TARGET, ...
 - Images
—
IMG
 - SRC (required), ALT, ALIGN, WIDTH, HEIGHT,
HSPACE, VSPACE, BORDER, USEMAP, ISMAP
 - Misc. Text-Level Elements
—
BR (Explicit line break)
—
AREA (Client-side image maps)
—
APPLET (Java)
—
...

Physical Character Styles, Example

```
...  
<H1>Physical Character Styles</H1>  
<B>Bold</B><BR>  
<I>Italic</I><BR>  
<TT>Teletype (Monospaced)</TT><BR>  
<U>Underlined</U><BR>  
Subscripts: f<SUB>0</SUB> + f<SUB>1</SUB><BR>  
Superscripts: x<SUP>2</SUP> + y<SUP>2</SUP><BR>  
<SMALL>Smaller</SMALL><BR>  
<BIG>Bigger</BIG><BR>  
<STRIKE>Strike Through</STRIKE><BR>  
<B><I>Bold Italic</I></B><BR>  
<BIG><TT>Big Monospaced</TT></BIG><BR>  
<SMALL><I>Small Italic</I></SMALL><BR>  
<FONT COLOR="GRAY">Gray</FONT><BR>  
<DEL>Delete</DEL><BR>  
<INS>Insert</INS><BR>
```

Physical Character Styles, Result

Logical Character Styles, Example

```
...
<H1>Logical Character Styles</H1>
<EM>Emphasized</EM><BR>
<STRONG>Strongly Emphasized</STRONG><BR>
<CODE>Code</CODE><BR>
<SAMP>Sample Output</SAMP><BR>
<KBD>Keyboard Text</KBD><BR>
<DFN>Definition</DFN><BR>
<VAR>Variable</VAR><BR>
<CITE>Citation</CITE><BR>
<EM><CODE>Emphasized Code</CODE></EM><BR>
<FONT COLOR="GRAY"><CITE>Gray Citation</CITE></FONT><BR>
<ACRONYM TITLE="Java Development Kit">JDK Acronym</ACRONYM>
```

Logical Character Styles, Result

Hypertext Links

-

Links can contain images and other text-level elements (i.e., <A HREF...>

...

)

-

Link to Absolute URL

–

Use a complete URL beginning with http://

Java is discussed in

```
<A HREF="
```

```
http://host/path/chapter2.html
```

```
">
```

```
Chapter 2</A>.
```

-

Link to Relative URL

–

Use a filename or relative path to filename

-

Interpreted wrt locati on of current file

Java is discussed in

```
<A HREF="
```

```
chapter2.html
```

```
">Chapter 2</A>.
```

Hypertext Links (Continued)

-

Link to Section

–

Use a section name (see below) preceded by #

Images are discussed in

```
<A HREF="#Section2">Section 2</A>.
```

-

Link to Section in URL

–

Use absolute or relative URL, then #, then section name

Images are discussed in

```
<A HREF="chapter1.html#Section2">Sec. 2 of Chap. 1</A>.
```

-

Naming a Section

–

Use `` and do not include the pound sign

```
<H2><A NAME="Section2">Images</A></H2>
```

IMG: Embedding Images

Example

```
<IMG SRC="SomeFile.gif" ALT="My Dog" WIDTH=400 HEIGHT=300>
```

-

Attributes:

–

SRC (required)

–

ALT (technically required)

–

ALIGN (see `<BR CLEAR="ALL">`)

–

WIDTH, HEIGHT

–

HSPACE, VSPACE

–

BORDER

–

USEMAP, ISMAP