

#### Connectors

Follow with (in sequence)	Select (only) one from the group	Only one connector type per group — no mixing!
"Then"	"Or"	one connec
	_	Only

### Occurrence Indicators

(no indicator) Required	Required	One and only one
٥.	Optional	None or one
*	Optional, repeatable None, one, or more	None, one, or more
+	Required, repeatable One or more	One or more

#### Groupings

Start content model or group	End content model or group	
<b>~</b>	~	

# #PCDATA in Models (first, ORbars, asterisk)

(#PCDATA) (#PCDATA   070m1   070m2 )*
1 5 7 0 1

### **ANY Element Keyword**

ANY >	keyword A N Y
name	name of the element type, its "tag"
ELEMENT</td <td>keyword ELEMENT</td>	keyword ELEMENT

### **EMPTY Bement Keyword**



## Attribute Declaration

declvalue default >	keyword or default value nd of list of	eat for
name	t ribute what ki value o values	repe
element	at	of the lated nt
ATTLIST e	exwerd TTLIST	name o as socie elemen

Quick Reference

XML Syntax

## **Declared Value Keywords**

CDATA	Data character string (default if well-formed)
NMTOKEN	Name token
NMTOKENS	One or more name tokens (spaces between)
£	Unique identifier for element
IDREF	Reference to ID on another element
IDREFS	One or more IDREFs (spaces between)
ENTITY	Name of an entity (declared elsewhere)
ENTITIES	One or more names of entities
Enimorate	Enimonated Walter Descriptions

## **Enumerated Value Descriptions**

(a b c)	List of attribute values (Or between)
NOTATION	NOTATION Names of notations (Requires a list of
(x y)	values as well as the keyword. Values
	declared elsewhere with NOTATION.)

#### Attribute Defaults

"value"	If attribute is omitted, assume this value.
#REQUIRED	#REQUIRED Required. Document is not valid if no
	value is provided.
#IMPLIED	Optional. Not constrained; no default can
	be inferred; an application is free to handle
	as appropriate.
#FIXED	Fixed value. (Requires a value as well as
"value"	the keyword.) If the attribute appears with
	a different value, that's an error.

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### Reserved Attributes

<pre>xml:space Preserve whitespace or use default xml:lang Indicate language of element and tl element's attributes and children</pre>
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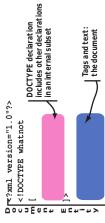


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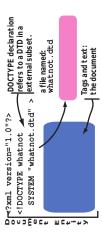
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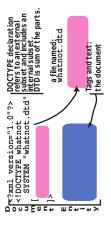
#### Internal Subset



#### **External Subset**



## Internal and External Subsets



## Conditional Section (DTD only)

<![INCLUDE[ declarations ]]> <![IGNORE[ declarations ]]>

#### External-ID

OR SYSTEM "URI"
PUBLIC "Public ID" "URI"

## Internal Parameter Entity

Parameter Entity Declarations

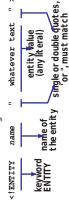


## External Parameter Entity



## General Entity Declarations

#### Internal Entity



### External Unparsed Entity



## Predefined General Entities

Entity [	gamb;	< .	>	'	"
DisplaysAs	· a	v		_	
Character Value	&	<	>	٤#39;	"

### XML Declaration

yes:parsing not affected by <?xml version="1.0" encoding="UTF-8" standalone="no"?> Standalone declaration: ext ernal DTD subset ext ernal DTD subset no: parsing affect ed by Latin characters, e.g. UTF-8 , UTF-16 , EUC-J P, IS O-10 6 4 6 -UCS 2 Character encoding of the document, expressed in XML specification Version of the

## Processing Instruction

<?target \*\*\*Some Stuff \*\*\*\* ?>

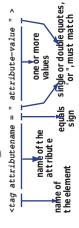
### Notation Declaration



#### Comment

Whatever you want to say!>	Comment may contain any characters except the string "-".
What</td <td></td>	

# **Start Tag with Attribute** (in document)



## EMPTY Element (in document)

<name></name> <name/>

## **CDATA Section** (in document)

<[ CDATA[ \*\*\* Some Stuff \*\*\* ]]>



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