



Recommendation)

<http://www.w3.org/TR/REC-xml-names>

<http://www.w3.org/TR/1999/REC-xml-names-19990114>
<http://www.w3.org/TR/1999/REC-xml-names-19990114/xml-names.xml>
<http://www.w3.org/TR/1999/REC-xml-names-19990114/Overview.html>

<http://www.w3.org/TR/REC-xml-names>

<http://www.w3.org/TR/1998/PR-xml-names-19981117>

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[names-19990114-errata.](#)

<http://www.w3.org/XML/xml->

[xml-names-editor@w3.org.](mailto:xml-names-editor@w3.org)

Резюме

XML

URI.

Содержание

- 1. _____
- 1.1 _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 5.1 _____
- 5.2 _____
- 5.3 _____
- 6. _____
- A. _____ XML (_____)
- A.1 _____
- A.2 _____ XML
- A.3 _____
- A.4 _____
- B. _____ (_____)
- C. _____


```

[2] PrefixedAttName ::= 'xmlns:' NCName [ NSC: XML ]
[3] DefaultAttName ::= 'xmlns'
[4] NCName ::= (Letter | '_' ) (NCNameChar)* /* XML " : " */
[5] NCNameChar ::= Letter | Digit | '.' | '-' | '_'
| CombiningChar | Extender

```

[:] _____ URI , , () , , Uniform Resource Names [\[RFC2141\]](#) , , URL

[:] NCName , PrefixedAttName , _____

[:] _____ , DefaultAttName , _____

"5. _____".
edi
http://ecommerce.org/schema:

```

<x xmlns:edi='http://ecommerce.org/schema'>
  <!-- "x"
         "edi" http://ecommerce.org/schema
  -->
</x>

```

:"XML" x, m, l () , XML

3. Полные имена

[:] XML , (Name) (qualified names), :

```

[6] QName ::= ( Prefix ':' )? LocalPart
[7] Prefix ::= NCName
[8] LocalPart ::= NCName

```

Prefix _____ [:] LocalPart _____ URI (local part)

4. Использование полных имен

XML , _____ :

[9]	S _{Tag} ::= '<' QName (S Attribute)* S? '>'	[NSC: _____]
[10]	E _{Tag} ::= '</' QName S? '>'	[NSC: _____]
[11]	EmptyElem _{Tag} ::= '<' QName (S Attribute)* S? '/>'	[NSC: _____]

```
<x xmlns:edi='http://ecommerce.org/schema'>
  <!-- 'price' - http://ecommerce.org/schema -->
  <edi:price units='Euro'>32.18</edi:price>
</x>
```

[12]	Attribute ::= NSAttName Eq AttValue	[NSC: _____]
------	-------------------------------------	----------------

```
<x xmlns:edi='http://ecommerce.org/schema'>
  <!-- 'taxClass' - http://ecommerce.org/schema -->
  <lineItem edi:taxClass="exempt">Baby food</lineItem>
</x>
```

xml xmlns, _____

(_____)

xml

http://www.w3.org/XML/1998/namespace. xmlns

XML,

XML XML

DTD.

DTD,

[13]	doctypedecl ::= '<!DOCTYPE' S QName (S ExternalID)? S? ('[' markupdecl PEReference S)* ']' S?)? '>'
[14]	elementdecl ::= '<!ELEMENT' S QName S contentspec S? '>'
[15]	cp ::= (QName choice seq) ('?' '*' '+')?
[16]	Mixed ::= (' S? '#PCDATA' (S? ' ' S? QName)* S? ')* (' S? '#PCDATA' S? ')'
[17]	AttlistDecl ::= '<!ATTLIST' S QName AttDef* S? '>'
[18]	AttDef ::= S (QName NSAttName) S AttType S DefaultDecl

5. Пространство имен для элементов и атрибутов

A. Внутренняя структура пространства имен XML (обсуждение стандарта)

A.1

XML

XML,

```
<section><title>Book-Signing Event</title>
<signing>
  <author title="Mr" name="Vikram Seth" />
  <book title="A Suitable Boy" price="$22.95" /></signing>
<signing>
  <author title="Dr" name="Oliver Sacks" />
  <book title="The Island of the Color-Blind" price="$12.95" /></signing>
</section>
```

title

XML

CSS:

```
<RESERVATION>
<NAME HTML:CLASS="largeSansSerif">Layman, A</NAME>
<SEAT CLASS="Y" HTML:CLASS="reallyImportant">33B</SEAT>
<DEPARTURE>1997-05-24T07:55:00+1</DEPARTURE></RESERVATION>
```

CLASS,

HTML:CLASS,

HTML

XML 1.0

CLASS HTML,

HTML

A.2

XML

XML,

(,)

XML.

XML ()

A.3

XML
XML.

```
[ :] XML ExpEType.
      type, _____ ns,
[ :] XML ExpAName.
      name,
      ns, _____
      eltype,
      elns,
```

```
<!-- 1 --> <section xmlns='urn:com:books-r-us'>
<!-- 2 -->   <title>Book-Signing Event</title>
<!-- 3 -->   <signing>
<!-- 4 -->     <author title="Mr" name="Vikram Seth" />
<!-- 5 -->     <book title="A Suitable Boy" price="$22.95" />
               </signing>
</section>
```

1	section	<ExpEType type="section" ns="urn:com:books-r-us" />
2	title	<ExpEType type="title" ns="urn:com:books-r-us" />
3	signing	<ExpEType type="signing" ns="urn:com:books-r-us" />
4	author	<ExpEType type="author" ns="urn:com:books-r-us" />
4	title	<ExpAName name='title' eltype="author" elns="urn:com:books-r-us" />
4	name	<ExpAName name='name' eltype="author" elns="urn:com:books-r-us" />
5	book	<ExpEType type="book" ns="urn:com:books-r-us" />
5	title	<ExpAName name='title' eltype="book" elns="urn:com:books-r-us" />
5	price	<ExpAName name='price' eltype="book" elns="urn:com:books-r-us" />

```
<!-- 1 --> <RESERVATION xmlns:HTML="http://www.w3.org/TR/REC-html40">
<!-- 2 --> <NAME HTML:CLASS="largeSansSerif">Layman, A</NAME>
<!-- 3 --> <SEAT CLASS="Y" HTML:CLASS="largeMonotype">33B</SEAT>
<!-- 4 --> <HTML:A HREF='/cgi-bin/ResStatus'>Check Status</HTML:A>
<!-- 5 --> <DEPARTURE>1997-05-24T07:55:00+1</DEPARTURE></RESERVATION>
```

1	RESERVATION	<ExpEType type="RESERVATION" />
2	NAME	<ExpEType type="NAME" />
2	HTML:CLASS	<ExpAName name="CLASS" ns=http://www.w3.org/TR/REC-html40 />
3	SEAT	<ExpEType type="SEAT" />

3	CLASS	<ExpAName name="CLASS" eltype="SEAT">
3	HTML:CLASS	<ExpAName name="CLASS" ns="http://www.w3.org/TR/REC-html40" />
4	HTML:A	<ExpEType type="A" ns="http://www.w3.org/TR/REC-html40" />
4	HREF	<ExpAName name="HREF" eltype="A" elns="http://www.w3.org/TR/REC-html40" />
5	DEPARTURE	<ExpEType type="DEPARTURE" />

A.4

"5.3",

V. Благодарности (обсуждение стандарта)

XML

World Wide Web, Special Interest Group
(Charles Frankston)

W3C Metadata Activity.
Microsoft.

C. Ссылки

RFC2141

IETF (Internet Engineering Task Force) *RFC 2141: URN Syntax*, R. Moats., 1997.

RFC2396

IETF (Internet Engineering Task Force) *RFC 2396: Uniform Resource Identifiers (URI): Generic Syntax*, T. Berners-Lee, R. Fielding, L. Masinter., 1998.

XML

Extensible Markup Language (XML) 1.0, Tim Bray, Jean Paoli, C. M. Sperberg-McQueen. 10 1998.
<http://www.w3.org/TR/REC-xml>.

D. Словарь

conformance document -

document entity -

entity -

markup vocabulary -

namespace -

nonterminal -

production -

qualified name -

start-tag -

validating processor - (XML)