

XSL 1.0 Quick Reference

Intro

XSL includes XSLT and XPath.

XSLT 1.0

Object Types [§11.1, XPath §1]

boolean	True or false
number	Floating-point number
string	UCS characters
node-set	Set of nodes selected by a path
Result tree fragment	XSLT only. Fragment of the result tree

Expression Context [§4, XPath §1]

Context node (a node)
Context position (a number)
Context size (a number)
Variable bindings in scope
Namespace declarations in scope
Function library

XSLT Functions [§12, §15]

node-set **document**(object, node-set?)
node-set **key**(string, object)
string **format-number**(number, string, string?)
node-set **current**()
string **unparsed-entity-uri**(string)
string **generate-id**(node-set?)
object **system-property**(string)
boolean **element-available**(string)
boolean **function-available**(string)

Processing

General

- ⇒ Select patterns return a node set (or value). Match patterns return a boolean.
- ⇒ Begins at the document root template.
- ⇒ Processing then proceeds from template rule to template rule ONLY VIA apply-templates.
- ⇒ A match pattern tests against a particular node. It sets that node, if matched, as the context node.
- ⇒ Relative Xpath expressions (those that don't begin with '/'), are always with respect to a context node.

Traversal Order

- ⇒ Traversal of the nodes via recursion proceeds as deep as possible along a branch to the leaf before moving back up ONLY ONE LEVEL to process the next child and thence as deep as possible along that branch.

Source:

```
<body>
  <p>
    <em>Emphatic
      <i>and italicised paragraph.</i>
    </em>
    <b>Some bold.</b>
  </p>
  <span>More writing</span>
</body>
```

Stylesheet:

```
<xsl:template match="*" xml:space="preserve">
  <tr class="element">
    <td><xsl:value-of select="name(.)" /></td>
  </tr>
  <xsl:apply-templates select="*" />
</xsl:template>
```

Output

body
p
em
i
b
span

Observe that after the leaf <i> it is that is processed NOT .

Template Rule Conflict Resolution

The more specific match patterns override (have a higher priority than) the more general ones.

Examples	Priority
[Templates with lower import precedence]	It depends.
*	-0.5
@* node() comments() text() processing-instruction()	-0.25
user:* @user:*	0
cool user:cool @cool @user:cool	0.5
cool[@shirt] <xsl:template priority="1" match="node() @*" user specified.	

If templates have the same priority then the last in the stylesheet wins.

Built-in Template Rules [§5.8]

Built in templates lie invisibly at the **top** of the document.

```
<xsl:template match="*" />
  <xsl:apply-templates />
</xsl:template>

<xsl:template match="*" /" mode="m">
  <xsl:apply-templates mode="m" />
</xsl:template>

<xsl:template match="text()|@*">
  <xsl:value-of select="." />
</xsl:template>

<xsl:template
  match="processing-instruction()|comment()" />
```

XSLT Template

```

<?xml version="1.0" encoding="utf-8" ?>
<xsl:stylesheet
  xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
  xmlns="http://www.w3.org/1999/xhtml"
  version="1.0">

  <xsl:output omit-xml-declaration="yes" />

  <xsl:param name="nowLocalFriendly">Wed, 16 Jun 1999 11:02 (+1000 AUS Eastern Standard
Time)</xsl:param>

  <!-- Match: The document root -->
  <xsl:template match="/">
<!-- Keep the closing text tag indented flush for output formatting -->
  <xsl:text disable-output-escaping="yes">&lt;!DOCTYPE html PUBLIC "-//w3c//dtd/xhtml
1.1/en" "http://www.w3.org/tr/xhtml11/dtd/xhtml11.dtd"&gt;
</xsl:text>
  <xsl:copy>
  <xsl:apply-templates select="*|comment()" />
</xsl:copy>
</xsl:template>

<!-- Identity transformation -->
<xsl:template match="*">
  <xsl:element name="{name(.)}" >
  <xsl:for-each select="@*">
  <xsl:attribute name="{name(.)}" >
  <xsl:value-of select="."/>
  </xsl:attribute>
  </xsl:for-each>
  <xsl:apply-templates />
</xsl:element>
</xsl:template>

<!--
  Match: Elements with empty content, explicitly named, and regardless of their
  namespace.
  Example Output:
  <br />
  <cool:myEmptyTag cool:feeling="nice" />
-->
<xsl:template match=
  "*" [local-name()='br']
  | * [local-name()='meta']
  | * [local-name()='link']
  | * [local-name()='myEmptyTag']">
<xsl:text disable-output-escaping="yes">&lt;&lt;/xsl:text>
<xsl:value-of select="name(.)" />
<xsl:for-each select="@*" >
  <xsl:text> </xsl:text>
  <xsl:value-of select="name(.)" />=<xsl:value-of select="."/></xsl:for-each>
<xsl:text disable-output-escaping="yes" />&gt;&lt;/xsl:text>
</xsl:template>

<xsl:template match="comment()">
  <xsl:copy /><xsl:text>&#10;</xsl:text>

```

```

</xsl:template>
<!-- ***** Website specific bellow here ***** -->

<!-- Make a match whether the element belongs to a namespace
or belongs to no namespace -->
<xsl:template match="*[local-name()='menu']" xml:space="preserve">
  <div class="menu" >
  <a href="index.htm" class="menuCommand">Home</a>
  <br />
  <a href="news.htm" class="menuCommand">News</a>
  <br />
  </div>
</xsl:template>

<xsl:template match="*[local-name()='websiteLastUpdated']" xml:space="preserve" >
  <div class="date" style="text-align:center;">
  Web Site Last Updated: <xsl:value-of select="$nowLocalFriendly" />
  <br />
  <br />
  </div>
</xsl:template>
</xsl:stylesheet>

```

Stylesheet Element [§2.2]

```
<xsl:stylesheet version="1.0" id="id"
  extension-element-prefixes="tokens"
  exclude-result-prefixes="tokens"
  xmlns:xsl="http://www.w3.org/1999/XSL/
  Transform"> xsl:import*, top-level elements
</xsl:stylesheet>
```

xsl:transform is a synonym for `xsl:stylesheet`

Combining Stylesheets [§2.6]

```
<xsl:include href="uri-reference"/>
```

```
<xsl:import href="uri-reference"/>
```

Any template rules **imported** into a style sheet have a lower import precedence than those that physically reside in that style sheet.

Whitespace [§3.4]

```
<xsl:strip-space elements="tokens"/>
```

```
<xsl:preserve-space elements="tokens"/>
```

A single Line Feed in XML Makes for a new line:

```
<xsl:text>&#10;</xsl:text>
```

Also:

```
<xsl:template match="*[local-
name()='menu']" xml:space="preserve">
...
</xsl:template>
```

Also:

```
<xsl:variable name="directoryLevel"
xml:space="no">
...
</xsl:variable>
```

Defining Template Rules [§5.3]

```
<xsl:template match="pattern" name="qname"
  priority="number" mode="qname">
  xsl:param* followed by text, literal result
  elements
  and/or XSL elements </xsl:template>
```

⇒ Select patterns return a node set (or value).

Match patterns return a boolean.

⇒ Select patterns are with respect to the current context node of the match pattern.

Applying Template Rules [§5.4]

```
<xsl:apply-templates select="node-set-exp"
  mode="qname"/>
<xsl:apply-templates select="node-set-exp"
  mode="qname">
(xsl:sort | xsl:with-param)* </xsl:apply-templates>
```

The following are equivalent.

```
<xsl:apply-templates />
<xsl:apply-templates select="node()" />
```

An `apply-templates` rule applies only to the immediate children of the context node not further descendants (at least not directly).

Overriding Template Rules [§5.6]

```
<xsl:apply-imports/>
```

Named Templates [§6]

```
<xsl:call-template name="qname"/>
<xsl:call-template name="qname">
  xsl:with-param* </xsl:call-template>
```

Namespace Alias [§7.1.1]

```
<xsl:namespace-alias result-
  prefix="prefix|#default"
  stylesheet-prefix="prefix|#default"/>
```

Creating Elements [§7.1.2]

```
<xsl:element name="{qname}"
  namespace="{uri-reference}"
  use-attribute-sets="qnames">...</xsl:element>
```

Creating Attributes [§7.1.3]

```
<xsl:attribute name="{qname}"
  namespace="{uri-reference}">...</xsl:attribute>
```

Named Attribute Sets [§7.1.4]

```
<xsl:attribute-set name="qname"
  use-attribute-sets="qnames">
  xsl:attribute* </xsl:attribute-set>
```

Creating Text [§7.2]

```
<xsl:text disable-output-escaping="yes|no">
  #PCDATA </xsl:text>
```

Processing Instructions [§7.3]

```
<xsl:processing-instruction name="{ncname}">
  ...</xsl:processing-instruction>
```

Creating Comments [§7.4]

```
<xsl:comment>...</xsl:comment>
```

Copying a Node[§7.5]

```
<xsl:copy use-attribute-sets="qnames">
  ...</xsl:copy>
```

⇒ `<xsl:copy />` copies the current node, including namespaces (if not defined at ancestor node), but not child nodes, nor child attributes.

⇒ Content inside `<xsl:copy></xsl:copy>` determines the children and attributes that are copied.

Copy Tree Fragment and Values [§11.3]

```
<xsl:copy-of select="expr"/>
```

Select Expression Returns	What is copied.
Result tree fragment	That result tree fragment
Node-set	Copy all nodes in the set in document order. For each node in the set copy node and all descendants (including attributes, namespaces, and element children).
Boolean, String, number	A string representation.

Generating Text [§7.6.1]

```
<xsl:value-of select="string-expr"
  disable-output-escaping="yes|no"/>
```

Attribute Value Templates [§7.6.2]

```
<element attribute="{expr}"/>
```

Numbering [§7.7]

```
<xsl:number level="single|multiple|any"
  count="pattern" from="pattern"
  value="number-expr" format="{string}"
  lang="{nmtoken}"
  letter-value="{[alphabetic|traditional]}"
  grouping-separator="{char}"
  grouping-size="{number}" />
```

Repetition [§8]

```
<xsl:for-each select="node-set-expr">
  xsl:sort*, ...</xsl:for-each>
```

Conditional Processing [§9]

```
<xsl:if test="boolean-expr">...</xsl:if>
```

```
<xsl:choose>
  <xsl:when test="expr">...</xsl:when>+
  <xsl:otherwise>...</xsl:otherwise>?
</xsl:choose>
```

Sorting [§10]

```
<xsl:sort select="string-expr" lang="{nmtoken}"
  data-type="{text|number|qname-but-notncname}"
  order="{ascending|descending}"
  case-order="{upper-first|lower-first}" />
```

Variables and Parameters [§11]

```
<xsl:variable name="qname" select="expr"/>
<xsl:variable name="qname">...</xsl:variable>
```

```
<xsl:param name="qname" select="expr"/>
```

```
<xsl:param name="qname">...</xsl:param>
```

A variable in XSLT is a constant as in other languages. It has global or local scope. An XSLT variable is global if it is declared as an immediate child element of the `<xsl:stylesheet>` element.

Microsoft XML Core Services (MSXML) 4.0 > Using XSLT Variables and Parameters

To use a param on an attribute with curly braces, {} in this XSLT specification (from W3C recommendation).

```
<xsl:param name="sort-order"
  select="'descending'"/>
...
  <xsl:sort select="@*[name() =
  $sort-column]" order="{ $sort-order }"
```

Use a string value in the param (note extra apostrophies); use curly braces in your document. This is attribute value templates.

Marrow 29 Aug 2002 > microsoft.public.xml > Re: passing a parameter to <xsl:sort />

To use a param on the select attribute, where attribute value templates are not allowed.

```
<xsl:param name="sortField"
  select="'title'" />
...
  <xsl:sort select="*[local-
  name()=$sortField]" />
```

Use a string value in the param (note extra apostrophies); and a local-name() in the sort.

Passing Parameters [§11.6]

```
<xsl:with-param name="expr" select="expr"/>
<xsl:with-param name="expr">...</xsl:with-
  param>
```

A parameter is a 'variable' in other languages. That is, it is only Xslt parameters that can change at runtime.

Keys [§12.2]

```
<xsl:key name="qname" match="pattern"
  use="expr"/>
```

Number Formatting [§12.3]

```
<xsl:decimal-format name="qname"
```

```
decimal-separator="char"  
grouping-separator="char" infinity="string"  
minus-sign="char" NaN="string"  
percent="char" per-mille="char"  
zero-digit="char" digit="char"  
pattern-separator="char"/>
```

Messages [§13]

```
<xsl:message terminate="yes|no">  
...</xsl:message>
```

Fallback [§15]

```
<xsl:fallback>...</xsl:fallback>
```

Output [§16]

```
<xsl:output  
method="xml|html|text|qname-but-not-ncname"  
version="nmtoken" encoding="string"  
omit-xml-declaration="yes|no"  
doctype-public="string" doctype-system="string"  
standalone="yes|no" indent="yes|no"  
cdata-section-elements="qnames"  
media-type="string"/>
```

XPath 1.0

Returns [XPath §1]

An XPath expression yields one of the following basic objects: node set; boolean; number; string

Location Paths [XPath §2]

Optional '/', zero or more location steps, separated by '/'

A location path is absolute if it begins with a slash ("/") and relative (to the current context) otherwise.

Location Steps [XPath §2.1]

axis::nodetest[predicate] <!-- zero or more predicates -->

Axis Specifiers [XPath §2.2]

ancestor::	following-sibling::
ancestor-or-self::	namespace::
attribute::	parent::
child::	preceding::
descendant::	preceding-sibling::
descendant-or-self::	self::
following::	

Axis Principal node type [XPath §2.3]

⇒ Every axis has a **principal node type**. If an axis can contain elements, then the principal node type is element; otherwise, it is the type of the nodes that the axis can contain.

⇒ A node test * is true for any node of the principal node type.

Axis	Meaning of *
Any axis other than an attribute:: axis or the namespace:: axis	element
attribute::	attribute
namespace::	namespace

Node Types [XPath §5]

Root	Processing Instruction
Element	Comment
Attribute	Text
Namespace	

Main Node Tests [XPath §2.3]

Test	Matches
/	Document root
node()	Element Text Comment Processing-Instruction
@*	Attribute wildcard; selects all attributes regardless of name (or

	namespace)
name	
prefix:name	
*	Wildcard; selects principle node types regardless of node name. Usually selects any elements.
prefix:*	
text()	
comment()	
processing-instruction()	
processing-instruction(literal)	

Shaded Node Tests together select the full contingent of node types (except namespaces).

```
*[local-name()='ElementName']
@*[local-name()='AttributeName']
```

Elements and attributes regardless of whether they have a namespace with: an explicit prefix; no prefix; or a default prefix .

```
*[namespace::*]
@*
```

All elements regardless of namespace.
All attributes regardless of namespace.

Abbreviated Syntax for Location Paths

(nothing) or ./	child::
@	attribute::
//	/descendant-or-self::node(/)
/	Document root
/* (or * if Document root is context)	Root Element
.	Indicates the current context.
..	The parent of the current context node.
*	Wildcard; selects principle node types regardless of node name. Usually selects any elements.
@*	Attribute wildcard; selects all attributes regardless of name. (or namespace)
:	Namespace separator; separates the namespace prefix from the element or attribute name.
()	Groups operations to explicitly establish precedence.
[]	Applies a filter pattern.
[]	Subscript operator; used for indexing within a collection. Node sets start at 1.

Predicate [XPath §2.4]

[expr]

Variable Reference [XPath §3.7]

\$qname

Literal Result Elements [§7.1.1]

Any element not in the xsl: namespace and not an extension element

XPath Operators

Parentheses () may be used for grouping.

Node-sets [XPath §3.3]

| [expr] / //

Booleans [XPath §3.4]

<=, <, >=, >, != and or (use < and >)

Numbers [XPath §3.5]

-expr, *, div, mod +, -

XPath Core Function Library

Node Set Functions [XPath §4.1]

number last()
number position()
number count(node-set)
node-set id(object)
string local-name(node-set?)
string namespace-uri(node-set?)
string name(node-set?)

String Functions [XPath §4.2]

string string(object?)
string concat(string, string, string*)
boolean starts-with(string, string)
boolean contains(string, string)
string substring-before(string, string)
string substring-after(string, string)
string substring(string, number, number?)
number string-length(string?)
string normalize-space(string?)
string translate(string, string, string)

Boolean Functions [XPath §4.3]

boolean boolean(object)
boolean not(object)
boolean true()
boolean false()
boolean lang(string)

Number Functions [XPath §4.4]

number number(object?)
number sum(node-set)
number floor(number)
number ceiling(number)
number round(number)

Examples

Expression	Refers to
./author	All <author> elements within the current context. Note that this is equivalent to the expression in the next row.
author	All <author> elements within the current context.
first.name	All <first.name> elements within the current context.
/bookstore	The document element (<bookstore>) of this document.
//author	All <author> elements in the document.
book[/bookstore/@specialty = @style]	All <book> elements whose style attribute value is equal to the specialty attribute value of the <bookstore> element at the root of the document.
author/first-name	All <first-name> elements that are children of an <author> element.
bookstore//title	All <title> elements one or more levels deep in the <bookstore> element (arbitrary descendants). Note that this is different from the expression in the next row.
bookstore/*title	All <title> elements that are grandchildren of <bookstore> elements.
bookstore//book/excerpt/emp h	All <emph> elements anywhere inside <excerpt> children of <book> elements, anywhere inside the <bookstore> element.
./title	All <title> elements one or more levels deep in the current context. Note that this situation is essentially the only one in which the period notation is required.
author/*	All elements that are the children of <author> elements.
book/*/last-name	All <last-name> elements that are grandchildren of <book> elements.
/	All grandchildren elements of the current context.
*[@specialty]	All elements with the specialty attribute.
@style	The style attribute of the current context.
price/@exchange	The exchange attribute on <price> elements within the current context.
price/@exchange/total	Returns an empty node set, because attributes do not contain element children. This expression is allowed

	by the XML Path Language (XPath) grammar, but is not strictly valid.
book[@style]	All <book> elements with style attributes, of the current context.
book/@style	The style attribute for all <book> elements of the current context.
@*	All attributes of the current element context.
./first-name	All <first-name> elements in the current context node. Note that this is equivalent to the expression in the next row.
first-name	All <first-name> elements in the current context node.
author[1]	The first <author> element in the current context node.
author[first-name][3]	The third <author> element that has a <first-name> child.
my:book	The <book> element from the my namespace.
my:*	All elements from the my namespace.
@my:*	All attributes from the my namespace (this does not include unqualified attributes on elements from the my namespace).
*[_='gibbon'] marsupial[2] insect	Compound Location Step
book[position() <= 3]	The first three books (1, 2, 3).
book[last()]	The last <book> element of the current context node.
book/author[last()]	The last <author> child of each <book> element of the current context node.
(book/author)[last()]	The last <author> element from the entire set of <author> children of <book> elements of the current context node.
book[excerpt]	All <book> elements that contain at least one <excerpt> element child.
book[excerpt]/title	All <title> elements that are children of <book> elements that also contain at least one <excerpt> element child.
book[excerpt]/author[degree]	All <author> elements that contain at least one <degree> element child, and that are children of <book> elements that also contain at least one <excerpt> element.
book[author/degree]	All <book> elements that contain <author> children that in turn contain at least one <degree> child.

author[degree][award]	All <author> elements that contain at least one <degree> element child and at least one <award> element child.
author[degree and award]	All <author> elements that contain at least one <degree> element child and at least one <award> element child.
author[(degree or award) and title]	All <author> elements that contain at least one <degree> or <award> and at least one <title> as the children
author[degree and not(title)]	All <author> elements that contain at least one <degree> element child and that contain no <title> element children.
author[not(degree or award) and title]	All <author> elements that contain at least one <title> element child and contain neither <degree> nor <award> element children.
author[last-name = "Bob"]	All <author> elements that contain at least one <last-name> element child with the value Bob.
author[last-name[1] = "Bob"]	All <author> elements where the first <last-name> child element has the value Bob. Note that this is equivalent to the expression in the next row.
author[last-name [position()=1]= "Bob"]	All <author> elements where the first <last-name> child element has the value Bob.
degree[@from != "Harvard"]	All <degree> elements where the from attribute is not equal to "Harvard".
author[. = "Matthew Bob"]	All <author> elements whose value is Matthew Bob.
author[last-name = "Bob" and ../price > 50]	All <author> elements that contain a <last-name> child element whose value is Bob, and a <price> sibling element whose value is greater than 50.
book[position() <= 3]	The first three books (1, 2, 3).
author[not(last-name = "Bob")]	All <author> elements that do not contain <last-name> child elements with the value Bob.
author[first-name = "Bob"]	All <author> elements that have at least one <first-name> child with the value Bob.
author[* = "Bob"]	all author elements containing any child element whose value is Bob.
author[last-name = "Bob" and first-name = "Joe"]	All <author> elements that has a

	<last-name> child element with the value Bob and a <first-name> child element with the value Joe.
price[@intl = "Canada"]	All <price> elements in the context node which have an intl attribute equal to "Canada".
degree[position() < 3]	The first two <degree> elements that are children of the context node.
p/text()[2]	The second text node in each <p> element in the context node.
ancestor::book[1]	The nearest <book> ancestor of the context node.
ancestor::book[author][1]	The nearest <book> ancestor of the context node and this <book> element has an <author> element as its child.
ancestor::author[parent::book][1]	The nearest <author> ancestor in the current context and this <author> element is a child of a <book> element.
(book/author)[last()]	The last <author> element from the entire set of <author> children of <book> elements of the current context node.
book[excerpt]	All <book> elements that contain at least one <excerpt> element child.
book[excerpt]/title	All <title> elements that are children of <book> elements that also contain at least one <excerpt> element child.
book[excerpt]/author[degree]	All <author> elements that contain at least one <degree> element child, and that are children of <book> elements that also contain at least one <excerpt> element.
book[author/degree]	All <book> elements that contain <author> children that in turn contain at least one <degree> child.
author[degree][award]	All <author> elements that contain at least one <degree> element child and at least one <award> element child.
author[degree and award]	All <author> elements that contain at least one <degree> element child and at least one <award> element child.
author[(degree or award) and title]	All <author> elements that contain at least one <degree> or <award> and at least one <title> as the children
author[degree and not(title)]	All <author> elements that contain at least one <degree> element child

	and that contain no <title> element children.
author[not(degree or award) and title]	All <author> elements that contain at least one <title> element child and contain neither <degree> nor <award> element children.
author[last-name = "Bob"]	All <author> elements that contain at least one <last-name> element child with the value Bob.
author[last-name[1] = "Bob"]	All <author> elements where the first <last-name> child element has the value Bob. Note that this is equivalent to the expression in the next row.
author[last-name [position()=1]= "Bob"]	All <author> elements where the first <last-name> child element has the value Bob.
degree[@from != "Harvard"]	All <degree> elements where the from attribute is not equal to "Harvard".
author[. = "Matthew Bob"]	All <author> elements whose value is Matthew Bob.
author[last-name = "Bob" and ../price > 50]	All <author> elements that contain a <last-name> child element whose value is Bob, and a <price> sibling element whose value is greater than 50.
book[position() <= 3]	The first three books (1, 2, 3).
author[not(last-name = "Bob")]	All <author> elements that do not contain <last-name> child elements with the value Bob.
author[first-name = "Bob"]	All <author> elements that have at least one <first-name> child with the value Bob.
author[* = "Bob"]	all author elements containing any child element whose value is Bob.
author[last-name = "Bob" and first-name = "Joe"]	All <author> elements that has a <last-name> child element with the value Bob and a <first-name> child element with the value Joe.
price[@intl = "Canada"]	All <price> elements in the context node which have an intl attribute equal to "Canada".
degree[position() < 3]	The first two <degree> elements that are children of the context node.
p/text()[2]	The second text node in each <p> element in the context node.
ancestor::book[1]	The nearest <book> ancestor of the context node.
ancestor::book[author][1]	The nearest <book> ancestor of the context node and this <book>

	element has an <author> element as its child.
ancestor::author[parent::book][1]	The nearest <author> ancestor in the current context and this <author> element is a child of a <book> element.
ancestor::book[author][1]	The nearest <book> ancestor of the context node and this <book> element has an <author> element as its child.

Key

General

xsl:stylesheet	Element
version=	Required attribute
version=	Optional attribute
{expr}	Attribute value template. Text between { and } is evaluated as an expression. Attribute value must evaluate to indicated attribute type.
...	Anything allowed in a template
	Separates alternative values
?	Zero or one occurrences
*	Zero or more occurrences
+	One or more occurrences
#PCDATA	Character data

Attribute Value Types

1.0	Literal value
<i>boolean-expr</i>	Expression returning boolean value
<i>char</i>	Single character
<i>expr</i>	Expression
<i>id</i>	XML name used as identifier
<i>ncname</i>	XML name not containing a colon (:)
<i>node-set-expr</i>	Expression returning a node set
<i>number-expr</i>	Expression returning a number
<i>pattern</i>	XSLT pattern
<i>prefix</i>	Namespace prefix
<i>qname</i>	Namespace-qualified XML name local part and optional prefix
<i>qname-but-notncname</i>	Namespace-qualified name comprising local part and prefix
<i>token</i>	Meaning varies with context. See Rec.
<i>uri-reference</i>	Reference to Universal Resource Identifier

Sources

⇒ XSL Transformations (XSLT)
Version 1.0 W3C Recommendation 16 November 1999
<http://www.w3.org/TR/1999/REC-xslt-19991116>

⇒ XML Path Language (XPath)
Version 1.0 W3C Recommendation 16 November 1999
<http://www.w3.org/TR/1999/REC-xpath-19991116>

⇒ Mulberry Technologies, Inc.
Original Quick Reference.

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<http://www.mulberrytech.com>

⇒ John Bentley formatted into Word and Made some updates to the Mulberry Quick Reference.

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