

Introduction

This is technical reference documentation for the DocBook XSL Stylesheets; it documents (some of) the parameters, templates, and other elements of the stylesheets.

This is not intended to be “user” documentation. It is provided for developers writing customization layers for the stylesheets, and for anyone who’s interested in “how it works”.

Although I am trying to be thorough, this documentation is known to be incomplete. Don’t forget to read the source, too :-)

Tests if a given node is a component-level element

This template returns ‘1’ if the specified node is a component (Chapter, Appendix, etc.), and ‘0’ otherwise.

node The node which is to be tested.

This template returns ‘1’ if the specified node is a component (Chapter, Appendix, etc.), and ‘0’ otherwise. 1 0 — Tests if a given node is a section-level element

This template returns ‘1’ if the specified node is a section (Section, Sect1, Sect2, etc.), and ‘0’ otherwise.

node The node which is to be tested.

This template returns ‘1’ if the specified node is a section (Section, Sect1, Sect2, etc.), and ‘0’ otherwise. 1 0 — Returns the hierarchical level of a section.

This template calculates the hierarchical level of a section. Hierarchically, components are “top level”, so a `sect1` is at level 2, `sect3` is at level 3, etc.

Recursive sections are calculated down to the sixth level.

node The section node for which the level should be calculated. Defaults to the context node.

The section level, “2”, “3”, etc.

2 3 4 5 6 6 5 4 3 2 2 3 4 3 4 5 6 6 6 5 4 3 2 2 — Returns the hierarchical level of a QandASet.

This template calculates the hierarchical level of a QandASet.

The level, “1”, “2”, etc.

1 question answer qandadiv qandaset , [FAMILY Given] , . , [] { } [] ... | 4pi — Selects an appropriate media object from a list

This template examines a list of media objects (usually the children of a `mediaobject` or `inlinemediaobject`) and processes the “right” object.

This template relies on a template named “is.acceptable.mediaobject” to determine if a given object is an acceptable graphic. The semantics of media objects is that the first acceptable graphic should be used.

If no acceptable object is located, nothing happens.

olist The node list of potential objects to examine.

Calls `<xsl:apply-templates>` on the selected object. 1 0 1 1 — Returns ‘1’ if the specified media object is recognized.

This template examines a media object and returns ‘1’ if the object is recognized as a graphic.

object The media object to consider.

0 or 1 1 1 1 0 . . — Warn users about references to non-unique IDs

If passed an ID in `linkend`, `check.id.unique` prints a warning message to the user if either the ID does not exist or the ID is not unique. Error: no ID for constraint linkend: . Warning: multiple "IDs" for constraint linkend: . — Warn users about incorrectly typed references

If passed an ID in `linkend`, `check.idref.targets` makes sure that the element pointed to by the link is one of the elements listed in `element-list` and warns the user otherwise. Error: linkend () points to " " not (one of): Unexpected context in procedure.step.numeration: loweralpha lowerroman upperalpha upperroman arabic arabic circle square disc — Print a set of years with collapsed ranges

This template prints a list of year elements with consecutive years printed as a range. In other words:

```
<year>1992</year>
<year>1993</year>
<year>1994</year>
```

is printed “1992-1994”, whereas:

```
<year>1992</year>
<year>1994</year>
```

is printed “1992, 1994”.

This template assumes that all the year elements contain only decimal year numbers, that the elements are sorted in increasing numerical order, that there are no duplicates, and that all the years are expressed in full “century+year” (“1999” not “99”) notation.

years The initial set of year elements.

print.ranges If non-zero, multi-year ranges are collapsed. If zero, all years are printed discretely.

single.year.ranges If non-zero, two consecutive years will be printed as a range, otherwise, they will be printed discretely. In other words, a single year range is “1991-1992” but discretely it’s “1991, 1992”.

This template returns the formatted list of years. , , - , , - , — Search in a table for the "best" match for the node

This template searches in a table for the value that most-closely (in the typical best-match sense of XSLT) matches the current (element) node location.
