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**AMENDMENT 1**
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# Information technology — Processing languages — Document Style Semantics and Specification Language (DSSSL)

## AMENDMENT 1: Extensions to DSSSL

*Technologies de l'information — Langages de traitement — Sémantique de présentation de documents et langage de spécifications (DSSSL)*

*AMENDEMENT 1: Extensions de DSSSL*

Reference number
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ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

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## Foreword

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The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

Amendment 1 to ISO/IEC 10179:1996 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 34, *Document description and processing languages*.

## Introduction

This Amendment specifies additional flow object classes and additional formatting areas, and clarifies some existing definitions in ISO/IEC 10179:1996, as follows.

a) Additional flow object classes are defined to specify on flow object classes for online display. Additional formatting areas are defined to clarify formatting areas for inline-display area and inter-line attachment area.

b) Annex B (informative) summarizes and clarifies the existing types and symbols. This annex will be a key to considering future extensions to DSSSL.

c) Annex C (informative) specifies formal public identifiers and their associated characteristics for various line breaking and line composition methods.

d) Annex D (informative) summarizes and clarifies the grove plan and SGML property set.

e) Annex E (informative) summarizes and clarifies the flow object classes and characteristics.

f) Annex F (informative) summarizes and clarifies the values of characteristics.

# Information technology — Processing languages — Document Style Semantics and Specification Language (DSSSL)

## AMENDMENT 1: Extensions to DSSSL

### Abstract Application Program Interface to DSSSL Flow Object Tree

*Add the following subclause after subclause 12.2.*

#### 12.2.1 API to Flow Object Tree

A DSSSL processor generates a flow object tree. The flow object tree contains information about the results of applying formatting specifications. DSSSL style editors operate on the flow object tree through an abstract application program interface. This API reports the following information:

— character, glyph and glyph-annotations

— line composition

— paragraph composition

— column-set composition

— page composition

— document composition

— documents' volume composition

The abstract API will include dynamic information relating to the document under construction. DSSSL will define a core interface for page composition. The API architecture is system independent.

### Formatting Areas

*Add the following subclauses after subclause 12.3.4.*

#### 12.3.5 Inline-display areas

DSSSL has the following conceptualized formatting areas:

— Display area

— Inline area

— Attachment area

Display areas may include other display areas as well as inline areas. Inline areas may also include conceptualized display areas known as inline-display areas. DSSSL defines an inline-display area as a "display area included within an inline area".

— display-area := (display-area* | inline-area*)

— inline-area := (inline-display-area* | contents*)

— inline-display-area := (inline-display-area* | contents*)

For examples, DSSSL has the following formatting areas for composition:

— (Main) Display area

  — (Sub) Display area

    — (Subsub) Display area ...

    — Inline area ...

      — Inline-display area ...

  — Inline area ...

    — Inline-display area ...

### 12.3.6 Inter-line attachment areas

The concept of an attachment creates a link between one of display area or inline area and an attachment area. The attachment area for a display area shall be outside the display area. The attachment area for an inline area shall be within the inter-line area between the current line and the immediately following line, or the border adjacent to the next display area. This amendment, therefore, extends the set of DSSSL formatting areas to the following set:

— Display area

— Inline area

— Inline-display area

— Inter-line area

— Attachment area (for display area)

— Inter-line attachment area

## Flow Object Classes

*Add the following subclauses after subclause 12.6.28.4.*

### 12.6.28.5 Display-window Flow Object Class

This clause defines an extended-online feature. The display-window flow object class specifies an abstract size for the display frame of an online display. The display-window flow object class may get the top position of current scroll flow object classes as its root class. The display-window flow object class may be a recursive flow object class. It has a single principal port, which accepts any displayed flow objects. This flow object has the following characteristics:

— frame-type: one of the symbols window, dialogue, note, caution, alarm or warning. It specifies the type of window to be displayed. The default value is window.

— frame-size: one of the symbols maximum-size, optimum-size or minimum-size. It specifies the relative size of window to be used for an online display. The default value is optimum-size. This actual values used to represent this characteristic will depend on frame-type characteristics and display devices.

#### 12.6.28.6 Pop-up Flow Object Class

This clause defines an extended-online feature. The pop-up flow object class provides information relating to a pop-up area, or the edge area of the current window frame. It has a single principal port, which accepts any displayed flow objects. This flow object has the following characteristics:

— information-type: one of the symbols anything, warning, error, additional-information, note, origin-of-link, voice-annotation or semantic-annotation. It specifies the type of information to be placed into the pop-up window or the edge area of the current window on online display. The default value is anything.

NOTE This flow object can be used to display any information, including position data relating to the grove structure.

#### 12.6.28.7 Dialogue Flow Object Class

This clause defines an extended-online feature. The dialogue flow object class is used to specify interactive dialogues for online display. The dialogue flow object class shall be placed at the front top of the screen display within a display-window flow object class. Dialogue flow object classes may be treated as an interactive flow object class. It has a single principal port, which accepts any displayed flow objects. This dialogue flow object has the following characteristics:

— dialogue-type: one of the symbols request, acknowledgement, select-objects, select-from-list or interaction. The initial value is acknowledgement.

— dialogue-return-type: one of the symbols yes-no-cancel, yes-no, OK-NO, OK, tokens or phrase. The initial value is OK.

### 12.6.29 Sound-Voice and Animation Flow Object Classes

This clause defines the sound-voice-and-animation feature. The sound-voice and animation flow object classes is used for sounds, voices and animations stored within an external entity. Flow objects of these classes may be inlined or displayed as an online display. This flow object is atomic.

#### 12.6.29.1 Sound-voice Flow Object Class

This clause defines the sound-voice feature. The sound-voice flow object class is used to specify sound and voice data to be used in conjunction with an online display. The sound-voice flow object class may be an atomic object on the other flow object classes, and it may be recursive on itself, depending on the sound-voice system being used. It has a single principal port, which accepts any flow objects. This flow object has the following characteristics:

— output?: boolean specifying whether the flow object shall be output or not. This characteristics is not inherited. The default value is #t.

Other specifications are system independent.

#### 12.6.29.2 Animation Flow Object Class

This clause defines the animation feature. The animation flow object class is used to specify animation on an online display. Animation flow object class may be an atomic object on other flow object classes. It has a single principal port, which accepts any flow objects. This flow object has the following characteristics:

— output?:boolean specifying whether the flow object shall be output rather than displayed and inlined. This characteristics is not inherited. The default value is #t.

Other specifications are system independent.

## Annexes

*Add the following annexes after Annex A:*

— *Annex B (informative) Types and Symbols*

— *Annex C (informative) Formal public identifiers and their associated characteristics*

— *Annex D (informative) Grove plan and SGML property set*

— *Annex E (informative) Flow object classes and characteristics*

— *Annex F (informative) Values of Characteristics*

# Annex B
(informative)

# Types and Symbols

This annex clarifies the existing data types of specification for DSSSL.

## B.1 Expression Language

DSSSL expressions have the following data types:

**boolean**: logic-type

This type specifies true or false. The value can be defined whether #t or #f. This type is used in conditional expressions. #f means false, #t means true, other objects except #t and #f mean true. (See 8.2.2 True and False, and 8.5.1 Booleans.)

e.g., ((if equal wordflag #***t***) *x y*)

**symbol**: symbol-type

The symbol identifies strings for optional semantics. The value is used for specification of DSSSL scripts as parameters. In an expression, the symbol requires a single quotation (') before the string of symbol. (See 8.5.4 Symbols.)

e.g., (font-weight: '*bold*)

**keyword**: keyword-type

The keyword specifies names of keyword strings. This type is used for specification of a DSSSL script as constant and invariable parameters. In an expression, the keyword requires a single colon (:) after the strings of keywords and some keyword arguments. (See 8.5.5 Keywords.)

e.g., (font-weight: '***bold***)

**char**: character-type

The char specifies characters and names of characters. In an expression, the char requires a single sharp (#) and backslash (\) before the character or the name of character. (See 8.5.8 Characters.)

e.g.,

#**A**: character 'A'

#**space**: spacing 'empty character'

#**(**: open circle parentheses '('

**pair**: pair-type

The pair is constructed with two arguments. A list is constructed from a head part and other part of a pair; the head part is called **car**, other part is called **cdr**.

A pair is converted from a list. When a list is converted from a pair, DSSSL processor should generate an empty list as a tail of the list. The empty list is known as ().

e.g., (glyph-subset-table (list (cons *glyph1 glyph2*)))

DSSSL expressions have the following numerical types:

**quantity**: quantity-type

**number**: number-type

**real**: real-number-type

**integer**: integer-number-type

A quantity-type is represented as the product of a number and the base unit raised to the power of an integer-type. A number-type is the quantity-type without dimension. A real-number-type is a subtype of the number-type. An integer-type is a subtype of the real-number-type and integer-number-type. The quantity-type has both concepts of exactness and inexactness. An inexactness of the quantity-type allows a large size of numerical object to be printed or displayed.

e.g., (even? *tapesize*)

**string**: string-type

A string-type is similar to a string-type of other programming languages. The string-type is enclosed with double quotation (").

e.g., (string=? headstr "*Contents*")

**procedure**: procedure-type

A procedure-type is a name of procedure treated as an object in DSSSL.

e.g., (apply (***format-number*** *stringsizes*))

**language**: language-type

e.g., (with-language ***french*** (spellcheck-french))

## B.2 SDQL

**node-list**: node-list-type

A node-list is the most basic type of SDQL that is used to specify node lists of a grove. A single node should be specified by node-list with a single node list. In DSSSL transformations, this data type with flag specifies and discriminates the result node-list. (See 10 Standard Document Query Language and 10.1.2 Node Lists.)

e.g., (node-list-first ***firstpage***)

**named-node-list**: node-list-with-name-type

A named-node-list specifies node lists with name in a grove tree. (See 10 Standard Document Query Language and 10.1.3 Named Node Lists.)

e.g., (named-node *column1* ***page-top***)

## B.3 Transformation Language

**subgrove-spec**: sub-grove-specification-type

A subgrove-spec specifies a sub-grove. All the sub-grove can be specified by specifying the root of the sub-grove.

e.g., (subgrove-spec node | subgrove | class | add | null | remove | children | sublabel sort-children)

**create-spec**: create-specification-type

e.g.,

(**create-root** *obj sg*)

(**create-sub** *snl sg property label unique*)

(**create-proc** *snl sg label result-path optional unique*)

(**create-follow** *snl sg label result-path optional unique*)

**result-node-list**: result-node-list-type

e.g., (**select-by-relation** *rnl i proc*)

**transform-grove-spec**: transform-grove-specification-type

Transform-grove-spec specifies information of a grove transformation.

e.g., (**transform-grove** *snl obj ...*) (**select-grove** *nl obj*)

**transliteration-map**: transliteration-map-type

e.g., (**define-transliteration-map** *variable transliteration-entry*)

## B.4 Style Language

**sosofo**: sosofo-type

A flow object class of DSSSL generates a specification of sequence of flow object(sosofo) as the result of execution.

e.g., (element *p* (**make** *paragraph*))

**style**: style type

e.g., (make paragraph style: ***emphasizing-style***)

**generated-object**: generated object type

e.g., (asis-indirect-sosofo (***column-number***))

**length**: length type

e.g., page-height: ***15in***

**decoration-area**: decoration area type

e.g.,

```
(make external-graphic entity-system-id: "sample.gif"
(decoration-area "graphics sample"
placement-point-x: 50
placement-point-y: 250))
```

**display-space**: display space type

e.g., space-before: (display-space ***15pt max: 45pt priority: 1***)

**inline-space**: inline space type

e.g., escapement-space-before: (inline-space ***15pt max:45pt***)

**glyph-id**: glyph identifier type

e.g., (glyph-subst *gst-eng* ***glyph-aacute***)

**glyph-subst-table**: glyph substitution table type

e.g., (make character glyph-id: *eacute* glyph-subst-table: ***gst-eng***)

**address**: address type

e.g., (make *link* destination: ***chapter-2***)

**color-space**: color space type

(color-space string arg ...)

e.g., (color-space ***"ISO/IEC 10179:1996//Color-Space Family::Device RGB"***)

**color**: color type

(color color-space arg ...)

e.g.,

```
(define *rgb-color-space*
(color-space
"ISO/IEC 10179:1996//Color-Space Family::Device RGB"))
(define *midnight-blue* (color *rgb-color-space* 0.0 0.0 0.5))
...
(make paragraph color: *midnight-blue*)
```

**page-model**: page-model type

(define-page-model ***page-model-name*** [[region+ | width | height | filling | decoration]])

e.g., (region [[x | y | width | height | decoration* | filling | header | footer | flow-map?]])

**column-set-model**: column-set-model type

(define-column-set-model ***variable*** [[column-subset* | fill-out? | tied-column-subset* | filling-direction? | width? | height? | decoration*]]) (column-subset [[column+ | flow-map | top-float-space-below? | bottom-float-space-above? | balance? |justify? | justify-limit? | justify-last-limit? | length-deviation? | length-decrease-order? | align-lines?]]) (column [[width? | height? | x-origin? | y-origin? | footnote-separator? | header? | footer?]])

# Annex C
(informative)

## Formal public identifiers and their associated characteristics

DSSSL should support to register the formal public identifiers (fpi) for values without description of characteristics. The characteristics are;

— line-breaking-method:

— line-composition-method: .

The characteristics' values should be registered according to ISO/IEC 9070, e.g.,

— "ISO/IEC 10179:1996//LINE COMPOSITION METHOD::KYOTO"

— "ISO/IEC 10179:1996//LINE COMPOSITION METHOD::OXFORD"

— "ISO/IEC 10179:1996//LINE COMPOSITION METHOD::CHICAGO"

— "ISO/IEC 10179:1996//LINE BREAKING METHOD::TRADITIONAL VERTICAL BREAK".

# Annex D
(informative)

# Grove plan and SGML property set

This annex clarifies the relationship among modules of grove plan, and property set. A result tree which was parsed is called a "grove". The grove becomes a source tree for the input of a DSSSL processor for translation and style specification. A property set consists of elements, attributes, and values of information structure of the grove.

NOTE See Annex A "SGML Extended Facilities" in ISO/IEC 10744:1997.

## D.1 Grove plan

A grove plan defines the level of pre-processing for information structure given by parsing an SGML instance. The number of modules is 18 in the existing grove plan. A base abstract(baseabs) module is the top of module structure.

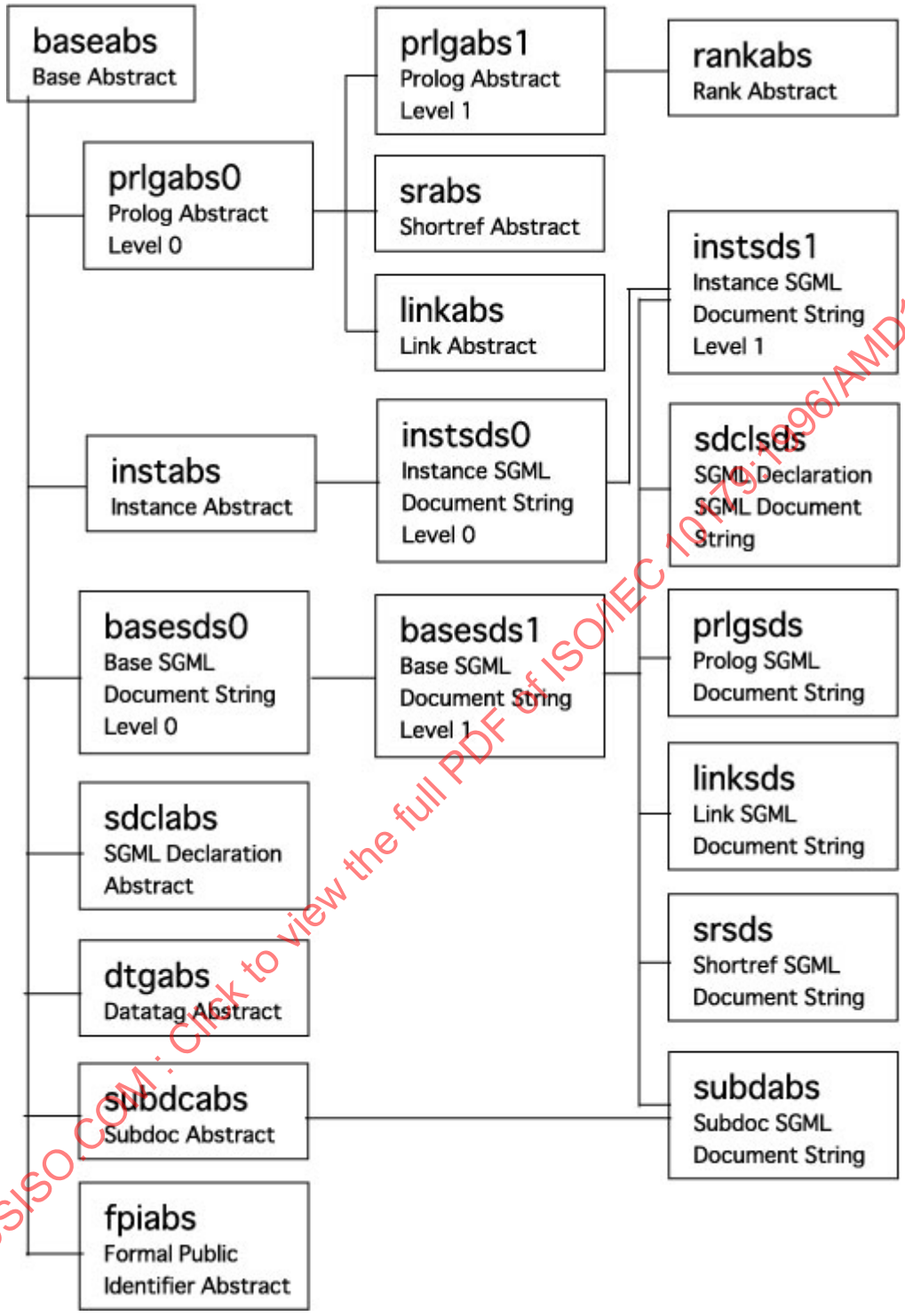


**Figure D.1 — Relationship between modules of grove plan**



## D.2 SGML property set

The property set is an information structure of the grove. It includes elements, structures, and values of the information structure. Table D.1 shows the contents of the property set.

The elements consists of property set modules (psmodule), class definitions (classdef), and property definitions (propdef). Each of elements has some attributes.

## Table D.1 — Contents of SGML property set

| | element | | | attribute | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Element No. | ps module | classdef | profdef | Node related specifi-cation | fullnm | appnm | clause | data type | ac | strlex | cn | conprop | dsepprop | strmnorm | sd | dependon | acnmprop | mayadd |
| 1 | baseabs | - | - | - | "base abstract" | - | - | - | | | | | | | | | | |
| 2 | | sgmldoc | - | - | - | “sgml document” | “62001” | | | | | | | | | | | |
| 3 | | | sgmlcsts | subnode | - | "sgml constants" | "41170 41180" | node | sgmlcsts | | | | | | | | | |
| 4 | | | appinfo | - | "application information" | "application info" | "d6001" | string | | min data | | | | | | | | |
| 5 | | | prolog | subnode | - | - | "71001" | nodelist | "doctpdcl lktpdcl comdcl pi ssep" | | sgml doc | | | | | | | |
| 6 | | | epilog | subnode | - | - | "71002" | nodelist | "comdcl pi ssep" | | sgml doc | | | | | | | |
| 7 | | sgmlcsts | - | - | - | "sgml constants" | "b6004 c2101" | - | | | | | | | | | | |
| 8 | | attasgn | - | - | - | "attribute assignment" | "79002" | - | | | | value | tokensep | | | | | |
| 9 | | | value | subnode | - | - | "79401" | nodelist | "att valtk data chars data intignch entstart entend" | | | | | | | | | |
| 10 | | | name | - | - | - | "93001" | string | | name | | | | general | | | | |
| 11 | | | implied | - | - | - | "b3407" | boolean | | | | | | | | | | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Element No.** | **ps module** | **classdef** | **profdef** | **Node related specifi-cation** | **fullnm** | **appnm** | **clause** | **data type** | **ac** | **strlex** | **cn** | **conprop** | **dsepprop** | **strmnorm** | **sd** | **dependon** | **acnmprop** | **mayadd** |
| 12 | | | token sep | - | "token separator" | "token sep" | "79400" | char | | | | | | | | | | |
| 13 | | attvaltk | - | - | - | "attribute value token" | "79305 | | | | | | | | | | | |
| 14 | | | token | - | - | - | "93003" | string | | nm token | | | | | | | | |
| 15 | | datachar | - | - | "data character" | "data char" | "92002" | - | | | | char | | | | | | |
| 16 | | | char | - | character | - | "92003" | char | | | | | | | | | | |
| 17 | | sdata | - | - | "internal specific character data entity reference result" | - | "92101" | - | | | | char | | | | | | |
| 18 | | | sysdata | - | - | "system data" | "43041" | string | | | | | | | | | | |
| 19 | | | char | - | character | - | - | char | | | | | | | DSSSL | | | |
| 20 | | pi | - | - | "processing instruction" | - | "80000" | - | | | | | | | | | | |
| 21 | | | sysdata | - | - | "system data" | "80002" | string | | | | | | | | | | |
| 22 | prlg abs() | - | - | - | "prolog abstract level 0" | - | - | - | | | | | | | | baseabs | | |
| 23 | | - | govdt | irefnode | - | "governing doctype" | "71004" | node | doctype | | sgml doc | | | | | | | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Element No.** | **ps module** | **classdef** | **profdef** | **Node related specifi-cation** | **fullnm** | **appnm** | **clause** | **data type** | **ac** | **strlex** | **cn** | **conprop** | **dsepprop** | **strmnorm** | **sd** | **dependon** | **acnmprop** | **mayadd** |
| 24 | | - | dtlts | subnode | "document types and link types" | "doctypes and linktypes" | "71001" | nmnd list | "doctype linktype" | | sgml doc | | | | | | "name name" | |
| 25 | | doctype | - | - | - | "document type" | "b1000" | | | | | | | | | | | |
| 26 | | | name | - | - | - | "b1002" | string | | name | | | | general | | | | |
| 27 | | | governing | - | - | governing | "71005" | boolean | | | | | | | | | | |
| 28 | | | genents | subnode | - | "general entities" | "b1004" | nmnd list | entity | | | | | | | | name | |
| 29 | | | nots | subnode | - | notations | "b1005" | nmnd list | notation | | | | | | | | name | |
| 30 | | entity | - | - | - | - | "60000" | - | | | | | | | | | | |
| 31 | | | name | - | - | - | "93001" | string | | name | | | | entity | | | | |
| 32 | | | enttype | - | - | "entity type" | "a5502" | enum | | | | | | | | | | |
| 33 | | | text | - | "replace ment text" | - | "92101" | string | | | | | | | | | | |
| 34 | | | extid | subnode | "external identifier" | "external id" | "a1601" | node | extid | | | | | | | | | |
| 35 | | | atts | subnode | - | attributes | "b4120" | nmnd list | attasgn | | | | | | | | name | |
| 36 | | | notname | - | - | "notation name" | "79408" | string | | name | | | | general | | | | |
| 37 | | | notation | irefnode | - | - | "b4001" | node | notation | | | | | | | | | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Element No.** | **ps module** | **classdef** | **profdef** | **Node related specifi-cation** | **fullnm** | **appnm** | **clause** | **data type** | **ac** | **strlex** | **cn** | **conprop** | **dsepprop** | **strmnorm** | **sd** | **dependon** | **acnmprop** | **mayadd** |
| 38 | | notation | - | - | "data content notation" | | "b4000" | - | | | | | | | | | | |
| 39 | | | name | - | - | - | "79441" | string | | name | | | | general | | | | |
| 40 | | | extid | subnode | "external identifier" | "external id" | "a1601" | node | extid | | | | | | | | | |
| 41 | | extid | - | - | "external identifier" | "external id" | "a1600" | - | | | | | | | | | | |
| 42 | | | pubid | - | "public identifier" | "public id" | "a1602" | string | | min data | | | | | | | | |
| 43 | | | sysid | - | "system identifier" | "system id" | "a1603" | string | | | | | | | | | | |
| 44 | | | gen sysid | optional | "generated system identifier" | "generated system id" | - | string | | | | | | | | | | |
| 45 | instabs | - | - | - | "instance abstract" | - | - | - | | | | | | | | baseabs | | |
| 46 | | - | docelem | subnode | "document element" | - | "72003" | node | element | | sgml doc | | | | | | | |
| 47 | | - | elements | irefnode | - | - | "73001" | nmnd list | element | | sgml doc | | | | | | id | |
| 48 | | - | entities | irefnode | - | - | "94410" | nmnd list | entity | | sgml doc | | | | | | name | |
| 49 | | - | entities | irefnode | - | - | "94410" | nmnd list | entity | | sgml doc | | | | | | name | |
| 50 | | - | dfltents | subnode | - | "defaulted entities" | "94412" | nmnd list | entity | | sgml doc | | | | | | name | |
| 51 | | - | entity | irefnode | - | - | "79401" | node | entity | | att valtk | | | | | | | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Element No.** | **ps module** | **classdef** | **profdef** | **Node related specifi-cation** | **fullnm** | **appnm** | **clause** | **data type** | **ac** | **strlex** | **cn** | **conprop** | **dsepprop** | **strmnorm** | **sd** | **dependon** | **acnmprop** | **mayadd** |
| 52 | | - | referent | irefnode | - | - | "79403" | node | element | | att valtk | | | | | | | |
| 53 | | element | - | - | - | - | "73000" | - | | | | content | | | | | | |
| 54 | | | gi | - | "generic identifier" | - | "78001" | string | | name | | | | general | | | | |
| 55 | | | id | derived | "unique identifier" | - | "79403" | string | | name | | | | general | | | | |
| 56 | | | atts | subnode | - | attributes | "79301" | nmnd list | attasgn | | | | | | | | name | |
| 57 | | | content | subnode | - | - | "76001" | node list | "data chars data element extdata subdoc pi msignch ignrs ignre repos usemap uselink entstart entend ssep comdcl msstart msend ignmrkup" | | | | | | | | | |
| 58 | | extdata | - | - | "reference to external data" | "external data" | "a5500" | - | | | | | | | | | | |
| 59 | | | entname | - | - | "entity name" | "a5101" | string | | name | | | | entity | | | | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Element No.** | **ps module** | **classdef** | **profdef** | **Node related specifi-cation** | **fullnm** | **appnm** | **clause** | **data type** | **ac** | **strlex** | **cn** | **conprop** | **dsepprop** | **strmnorm** | **sd** | **dependon** | **acnmprop** | **mayadd** |
| 60 | | | entity | irefnode | - | - | "94410" | node | entity | | | | | | | | | |
| 61 | basesds () | - | - | - | "base SGML document string level 0" | - | - | - | | | | | | | | baseabs | | |
| 62 | | - | entname | optional | - | "entity name" | "a5101" | string | | name | sdata | | | entity | | | | |
| 63 | | - | entity | irefnode | - | - | "94410" | node | entity | | sdata | | | | | | | |
| 64 | | - | entname | - | - | "entity name" | "a5101" | string | | name | pi | | | entity | | | | |
| 65 | | - | entity | irefnode | - | - | "94410" | node | entity | | pi | | | | | | | |
| 66 | | - | dflted | - | - | defaulted | "94412" | boolean | | | entity | | | | | | | |
| 67 | basesds 1 | - | - | - | "base SGML document string level 1" | - | - | - | | | | | | | | basesds0 | | |
| 68 | | - | entref | subnode optional | "entity reference" | "entity ref" | "94401" | node list | "gendelm name ssep entstart entend refendre shortref" | | pi | | | | | | | |
| 69 | | - | open | subnode optional | "open delimiter" | "open delim" | "80001" | node | gendelm | | pi | | | | | | | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Element No.** | **ps module** | **classdef** | **profdef** | **Node related specifi-cation** | **fullnm** | **appnm** | **clause** | **data type** | **ac** | **strlex** | **cn** | **conprop** | **dsepprop** | **strmnorm** | **sd** | **dependon** | **acnmprop** | **mayadd** |
| 70 | | - | close | subnode optional | "close delimiter" | "close delim" | "80001" | node | gendelm | | pi | | | | | | | |
| 71 | | - | attspec | irefnode | "attribute specification" | "attribute spec" | "79002" | node list | "name ssep gendelm literal attvalue" | | att asgn | | | | | | | |
| 72 | | - | attvalsp | irefnode | "attribute value specification " | "attribute value spec" | "79301" | node | "attvalue literal" | | att asgn | | | | | | | |
| 73 | | - | intrplch | | "interpretation replaced character" | "interp replaced char" | "a1704" | char | | | data char | | | | | | | |
| 74 | | - | name cref | subnode optional | "named character reference" | "named char ref" | "95001" | node list | "gendelm name refendre" | | data char | | | | | | | |
| 75 | | - | numcref | subnode optional | "numeric character reference" | "numeric char ref" | "95001" | node list | "gendelm name crefcnum refendre" | | data char | | | | | | | |
| 76 | | - | markup | subnode optional | - | - | "94401" | node list | "gendelm name ssep entstart entend refendre shortref" | | sdata | | | | | | | |
| 77 | | ssep | - | - | "s separator" | "s sep" | "62100" | | | | | | | | | | | + |
| 78 | | | char | - | character | - | "92003" | char | | | | | | | | | | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Element No.** | **ps module** | **classdef** | **profdef** | **Node related specifi-cation** | **fullnm** | **appnm** | **clause** | **data type** | **ac** | **strlex** | **cn** | **conprop** | **dsepprop** | **strmnorm** | **sd** | **dependon** | **acnmprop** | **mayadd** |
| 79 | | | name cref | subnode optional | "named character reference" | "named char ref" | "95001" | node list | "gendelm name refendre" | | | | | | | | | |
| 80 | | comment | - | - | - | - | "a3002" | - | | | | | | | | | | |
| 81 | | | open | subnode optional | "open delimiter" | "open delim" | "a3002" | node | gendelm | | | | | | | | | |
| 82 | | | chars | | characters | - | "92101" | string | | | | | | | | | | |
| 83 | | | close | subnode optional | "close delimiter" | "close delim" | "a3002" | node | gendelm | | | | | | | | | |
| 84 | | comdcl | - | - | "comment declaration" | "comment decl" | "a3001" | - | | | | markup | | | | | | + |
| 85 | | | markup | subnode | - | - | "a3001" | node list | "comment ssep" | | | | | | | | | |
| 86 | | ignmrkup | - | - | - | "ignored markup" | "77002 94405 c3007" | - | | | | markup | | | | | | |
| 87 | | | markup | subnode | - | - | "74001 75001 94401 c3001" | node list | "gendelm name ssep attvalue literal entstart entend refendre" | | | | | | | | | |
| 88 | | entstart | - | - | - | "entity start" | - | - | | | | markup | | | | | | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Element No.** | **ps module** | **classdef** | **profdef** | **Node related specifi-cation** | **fullnm** | **appnm** | **clause** | **data type** | **ac** | **strlex** | **cn** | **conprop** | **dsepprop** | **strmnorm** | **sd** | **dependon** | **acnmprop** | **mayadd** |
| 89 | | | markup | subnode optional | - | - | - | node list | "gendelm name ssep entstart entend refendre shortref" | | | | | | | | | |
| 90 | | | entname | optional | - | "entity name" | | string | | name | | | | entity | | | | |
| 91 | | | entity | irefnode | - | - | "a5201" | node | entity | | | | | | | | | |
| 92 | | entend | - | - | - | "entity end" | "94500" | - | | | | | | | | | | |
| 93 | | msignch | - | - | "marked section ignored character" | "marked section ignored char" | "a4204" | - | | | | | | | | | | |
| 94 | | | char | - | character | - | "92101" | char | | | | | | | | | | |
| 95 | | intignch | - | - | "interpreta-tion ignored char" | "interp ignored char" | "79303 a1704" | - | | | | | | | | | | |
| 96 | | | name cref | subnode optional | "named character reference" | "named char ref" | "95001" | node list | "gendelm name refendre" | | | | | | | | | |
| 97 | | | char | - | character | - | "92101" | char | | | | | | | | | | |
| 98 | | gendelm | - | - | "general delimiter" | "general delim" | "FIG30" | - | | | | | | | | | | |
| 99 | | | name cref | subnode optional | "named character reference" | "named char ref" | "95001" | node list | "gendelm name refendre" | | | | | | | | | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Element No.** | **ps module** | **classdef** | **profdef** | **Node related specifi-cation** | **fullnm** | **appnm** | **clause** | **data type** | **ac** | **strlex** | **cn** | **conprop** | **dsepprop** | **strmnorm** | **sd** | **dependon** | **acnmprop** | **mayadd** |
| 100 | | | role | - | - | - | "96001 FIG30" | string | | | | | | rcsgener | | | | |
| 101 | | | origdelm | optional | "original delimiter" | "original delim" | "92102 FIG22" | string | | | | | | | | | | |
| 102 | | name | - | - | - | - | "93001" | - | | | | | | | | | | |
| 103 | | | orig name | - | - | "original name" | "93005" | string | | | | | | | | | | |
| 104 | | rname | - | - | - | "reserved name" | "d4701" | - | | | | | | | | | | |
| 105 | | | refname | - | "reference name" | "ref name" | "93005" | string | | | | | | rcsgener | | | | |
| 106 | | | orig name | optional | - | "original name" | "93005" | string | | | | | | | | | | |
| 107 | | literal | - | - | - | - | "a1201 79302 a1701 a1603" | - | | | | value | | | | | | |
| 108 | | | open | subnode optional | "open delimiter" | "open delim" | "96100 FIG30" | node | gendelm | | | | | | | | | |
| 109 | | | value | subnode | - | - | "a1202 91001 a1702 80002" | node list | "entstart entend datachar sdata intignch" | | | | | | | | | |
| 110 | | | close | subnode optional | "close delimiter" | "close delim" | "96100 FIG30" | node | gendelm | | | | | | | | | |
| 111 | | number | - | - | - | - | "93002" | - | | | | | | | | | | |
| 112 | | | digits | - | | | "93002" | string | | number | | | | | | | | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Element No.** | **ps module** | **classdef** | **profdef** | **Node related specifi-cation** | **fullnm** | **appnm** | **clause** | **data type** | **ac** | **strlex** | **cn** | **conprop** | **dsepprop** | **strmnorm** | **sd** | **dependon** | **acnmprop** | **mayadd** |
| 113 | | crefcnum | - | - | "character reference character number" | "char ref char number" | "95001" | - | | | | | | | | | | |
| 114 | | | ndigits | optional | "number of digits" | "n digits" | "95003 93002" | integer | | | | | | | | | | |
| 115 | | refendre | - | - | "reference end RE" | "ref end re" | "94502" | - | | | | | | | | | | |
| 116 | | attvalue | - | - | - | "attribute value" | "79400" | - | | | | | | | | | | |
| 117 | | | value | - | - | | "93005" | string | | | | | | | | | | |
| 118 | | nmtoken | - | - | - | "name token" | "93003" | - | | | | | | | | | | |
| 119 | | | orig name | - | - | "original name token" | "93005" | string | | | | | | | | | | |
| 120 | | msstart | - | - | "marked section declaration start" | "marked section start" | "a4002" | - | | | | markup | | | | | | |
| 121 | | | markup | subnode optional | - | - | "a4002" | node list | "gendelm rname ssep entstart entend comment ignmrkup" | | | | | | | | | |
| 122 | | | status | - | - | - | "a4201" | enum | | | | | | | | | | |
| 123 | | msend | - | - | - | "marked section end" | "a4003" | - | | | | markup | | | | | | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Element No.** | **ps module** | **classdef** | **profdef** | **Node related specifi-cation** | **fullnm** | **appnm** | **clause** | **data type** | **ac** | **strlex** | **cn** | **conprop** | **dsepprop** | **strmnorm** | **sd** | **dependon** | **acnmprop** | **mayadd** |
| 124 | | | markup | subnode optional | - | - | "FIG3e FIG3h" | node list | gendelm | | | | | | | | | |
| 125 | sdclabs | - | - | - | "sgml declaration abstract" | - | - | - | | | | | | | | baseabs | | |
| 126 | | - | sgmlver | - | - | "sgml version" | "d0002" | string | | min data | sgml doc | | | | | | | |
| 127 | | - | doc chset | subnode | "document character set" | "document char set" | "d1001" | node | charset | | sgml doc | | | | | | | |
| 128 | | - | capset | subnode | | "capacity set" | "d2001" | node | capset | | sgml doc | | | | | | | |
| 129 | | - | syn scope | | "concrete syntax scope" | "syntax scope" | "d3002" | enum | | | sgml doc | | | | | | | |
| 130 | | - | dclsyn | subnode | "declared concrete syntax" | "decl syntax" | "d4001" | node | syntax | | sgml doc | | | | | | | |
| 131 | | - | refsyn | subnode | "reference concrete syntax" | "ref syntax" | "d4002 e0001 FIG70" | node | syntax | | sgml doc | | | | | | | |
| 132 | | - | prosyn | irefnode | "prolog concrete syntax" | "prolog syntax" | "d4001" | node | syntax | | sgml doc | | | | | | | |
| 133 | | - | features | subnode | "feature use" | - | "d5001" | node | features | | sgml doc | | | | | | | |
| 134 | | charset | - | - | "character set" | "char set" | "d1000" | - | | | | chdescs | | | | | | |
| 135 | | | chdescs | subnode | "character descriptions" | "char descs" | "d1101" | node list | chardesc | | | | | | | | | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Element No.** | **ps module** | **classdef** | **profdef** | **Node related specifi-cation** | **fullnm** | **appnm** | **clause** | **data type** | **ac** | **strlex** | **cn** | **conprop** | **dsepprop** | **strmnorm** | **sd** | **dependon** | **acnmprop** | **mayadd** |
| 136 | | chardesc | - | - | "character description" | "char desc" | "d1122" | - | | | | | | | | | | |
| 137 | | | desc num | - | "described set character number" | "desc set number" | "d1123" | integer | | | | | | | | | | |
| 138 | | | nchars | - | "number of characters" | "n chars" | "d1125" | integer | | | | | | | | | | |
| 139 | | | base num | - | "base set character number" | "base set number" | "d1124" | integer | | | | | | | | | | |
| 140 | | | baseset | - | "base character set" | "base char set" | "d1111" | string | | min data | | | | | | | | |
| 141 | | | desclit | - | "description literal" | "desc literal" | "a1701" | string | | min data | | | | | | | | |
| 142 | | syntax | - | - | "concrete syntax" | | "d4000" | - | | | | | | | | | | |
| 143 | | | shunctrl | - | - | "shuncha r controls" | "d4204" | boolean | | | | | | | | | | |
| 144 | | | shun char | - | "shunned character numbers" | - | "d4201" | intlist | | | | | | | | | | |
| 145 | | | syn chset | subnode | "syntax-reference character set" | "syntax ref char set" | "d4301" | node | charset | | | | | | | | | |
| 146 | | | re | - | "record end" | - | "d4401" | char | | | | | | | | | | |
| 147 | | | rs | - | "record start" | - | "d4401" | char | | | | | | | | | | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Element No. | ps module | classdef | profdef | Node related specifi-cation | fullnm | appnm | clause | data type | ac | strlex | cn | conprop | dsepprop | strmnorm | sd | dependon | acnmprop | mayadd |
| 148 | | | space | - | - | - | "d4401" | char | | | | | | | | | | |
| 149 | | | addfuns | subnode | "added function characters" | "added function chars" | "d4401" | nmnd list | addfun | | | | | | | | name | |
| 150 | | | lcnmstrt | - | - | - | "d4503" | string | | | | | | | | | | |
| 151 | | | ucnmstrt | - | - | - | "d4504" | string | | | | | | | | | | |
| 152 | | | lcnm char | - | - | - | "d4505" | string | | | | | | | | | | |
| 153 | | | ucnm char | - | - | - | "d4506" | string | | | | | | | | | | |
| 154 | | | subst gen | - | "substitute general names" | "subst general names" | "d4507" | boolean | | | | | | | | | | |
| 155 | | | substent | - | "substitute entity names" | "subst entity names" | "d4507" | boolean | | | | | | | | | | |
| 156 | | | gdasns | subnode | "general delimiter role associations" | "general delim assocs" | "d4611" | nmnd list | dlmrlas | | | | | | | | role | |
| 157 | | | srdelms | - | "short reference delimiters" | "shortref delims" | "d4621" | strlist | | | | | | | | | | |
| 158 | | | slitasns | subnode | "syntax literal associations" | "syntax literal assocs" | "d4701" | nmnd list | synlitas | | | | | | | | resname | |
| 159 | | | attcnt | - | - | - | "FIG41" | integer | | | | | | | | | | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Element No. | ps module | classdef | profdef | Node related specifi-cation | fullnm | appnm | clause | data type | ac | strlex | cn | conprop | dsepprop | strmnorm | sd | dependon | acnmprop | mayadd |
| 160 | | | attsplen | - | - | - | "FIG42" | integer | | | | | | | | | | |
| 161 | | | bseqlen | - | - | - | "FIG43" | integer | | | | | | | | | | |
| 162 | | | dtaglen | - | - | - | "FIG44" | integer | | | | | | | | | | |
| 163 | | | dtemplen | - | - | - | "FIG45" | integer | | | | | | | | | | |
| 164 | | | entlvl | - | - | - | "FIG46" | integer | | | | | | | | | | |
| 165 | | | grpcnt | - | - | - | "FIG47" | integer | | | | | | | | | | |
| 166 | | | grpgtcnt | - | - | - | "FIG48" | integer | | | | | | | | | | |
| 167 | | | grplvl | - | - | - | "FIG49" | integer | | | | | | | | | | |
| 168 | | | litlen | - | - | - | "FIG4a" | integer | | | | | | | | | | |
| 169 | | | namelen | - | - | - | "FIG4b" | integer | | | | | | | | | | |
| 170 | | | normsep | - | - | - | "FIG4c" | integer | | | | | | | | | | |
| 171 | | | pilen | - | - | - | "FIG4d" | integer | | | | | | | | | | |
| 172 | | | taglen | - | - | - | "FIG4e" | integer | | | | | | | | | | |
| 173 | | | taglvl | - | - | - | "FIG4f" | integer | | | | | | | | | | |
| 174 | | addfun | - | - | "added function character" | "added function char" | "d4400" | - | | | | | | | | | | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Element No.** | **ps module** | **classdef** | **profdef** | **Node related specifi-cation** | **fullnm** | **appnm** | **clause** | **data type** | **ac** | **strlex** | **cn** | **conprop** | **dsepprop** | **strmnorm** | **sd** | **dependon** | **acnmprop** | **mayadd** |
| 175 | | | name | - | - | - | "d4402" | string | | name | | | | general | | | | |
| 176 | | | class | - | "function class" | - | "d4403" | enum | | | | | | | | | | |
| 177 | | | char | - | character | - | "95003" | char | | | | | | | | | | |
| 178 | | dlmrlas | - | - | "delimiter role association" | "delim role assoc" | "d4610" | - | | | | | | | | | | |
| 179 | | | role | - | - | - | "d4612" | string | | | | | | rcsgener | | | | |
| 180 | | | delm | - | delimiter | delim | "d4611" | string | | | | | | general | | | | |
| 181 | | synlitas | - | - | "syntactic literal association" | "syntactic literal assoc" | "d4700" | - | | | | | | | | | | |
| 182 | | | synlit | - | - | "syntactic literal" | "d4702" | string | | | | | | rcsgener | | | | |
| 183 | | | resname | - | - | "reserved name" | "d4702" | string | | name | | | | general | | | | |
| 184 | | capset | - | - | - | "capacity set" | "d2000" | - | | | | | | | | | | |
| 185 | | | totalcap | - | - | - | "FIG51" | integer | | | | | | | | | | |
| 186 | | | entcap | - | - | - | "FIG52" | integer | | | | | | | | | | |
| 187 | | | entchcap | - | - | - | "FIG53" | integer | | | | | | | | | | |
| 188 | | | elemcap | - | - | - | "FIG54" | integer | | | | | | | | | | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Element No. | ps module | classdef | profdef | Node related specifi-cation | fullnm | appnm | clause | data type | ac | strlex | cn | conprop | dsepprop | strmnorm | sd | dependon | acnmprop | mayadd |
| 189 | | | grpcap | - | - | - | "FIG55" | integer | | | | | | | | | | |
| 190 | | | exgrpcap | - | - | - | "FIG56" | integer | | | | | | | | | | |
| 191 | | | exnmcap | - | - | - | "FIG57" | integer | | | | | | | | | | |
| 192 | | | attcap | - | - | - | "FIG58" | integer | | | | | | | | | | |
| 193 | | | attchcap | - | - | - | "FIG59" | integer | | | | | | | | | | |
| 194 | | | avgrpcap | - | - | - | "FIG5a" | integer | | | | | | | | | | |
| 195 | | | notcap | - | - | - | "FIG5b" | integer | | | | | | | | | | |
| 196 | | | notchcap | - | - | - | "FIG5c" | integer | | | | | | | | | | |
| 197 | | | idcap | - | - | - | "FIG5d" | integer | | | | | | | | | | |
| 198 | | | idrefcap | - | - | - | "FIG5e" | integer | | | | | | | | | | |
| 199 | | | mapcap | - | - | - | "FIG5f" | integer | | | | | | | | | | |
| 200 | | | lksetcap | - | - | - | "FIG5g" | integer | | | | | | | | | | |
| 201 | | | lknmcap | - | - | - | "FIG5h" | integer | | | | | | | | | | |
| 202 | | features | - | - | "feature use" | - | "d5000" | - | | | | | | | | | | |
| 203 | | | - | - | "feature use" | - | "d5000" | - | | | | | | | | | | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Element No.** | **ps module** | **classdef** | **profdef** | **Node related specifi-cation** | **fullnm** | **appnm** | **clause** | **data type** | **ac** | **strlex** | **cn** | **conprop** | **dsepprop** | **strmnorm** | **sd** | **dependon** | **acnmprop** | **mayadd** |
| 204 | | | omittag | - | - | - | "d5101" | boolean | | | | | | | | | | |
| 205 | | | rank | - | - | - | "d5101" | boolean | | | | | | | | | | |
| 206 | | | shorttag | - | - | - | "d5101" | boolean | | | | | | | | | | |
| 207 | | | simple | - | - | - | "d5201" | integer | | | | | | | | | | |
| 208 | | | implicit | - | - | - | "d5201" | boolean | | | | | | | | | | |
| 209 | | | explicit | - | - | - | "d5201" | integer | | | | | | | | | | |
| 210 | | | concur | - | - | - | "d5301" | integer | | | | | | | | | | |
| 211 | | | subdoc | - | - | - | "d5301" | integer | | | | | | | | | | |
| 212 | | | formal | - | - | - | "d5301" | boolean | | | | | | | | | | |
| 213 | sdclsds | - | - | - | "SGML declaration SGML document string" | - | - | - | | | | | | | | basesds1 | | |
| 214 | | - | sgmldcl | subnode optional | "SGML declaration" | "sgml decl" | "d0001" | node | sgmldcl | | sgml doc | | | | | | | |
| 215 | | - | sdcltype | - | "SGML declaration type" | "sgml decl type" | "62300" | enum | | | sgml doc | | | | | | | |
| 216 | | sgmldcl | - | - | "SGML declaration" | "sgml decl" | "d0000" | - | | | | markup | | | | | | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Element No. | ps module | classdef | profdef | Node related specifi-cation | fullnm | appnm | clause | data type | ac | strlex | cn | conprop | dsepprop | strmnorm | sd | dependon | acnmprop | mayadd |
| 217 | | | markup | subnode | - | - | "d0001" | node list | "ssep comment name number rname literal gendelm" | | | | | | | | | |
| 218 | prlgabs1 | - | - | - | "prolog abstract level 1" | - | - | - | | | | | | | | prlgabs0 | | |
| 219 | | - | attdefs | subnode | "attribute definitions" | "attribute defs" | "b3002" | nmnd list | attdef | | nota tion | | | | | | name | |
| 220 | | - | attdef | irefnode | "attribute definition" | "attribute def" | "b3003" | node | attdef | | att asgn | | | | | | | |
| 221 | | - | elem type | irefnode | - | "element type" | "b2101" | node | elemtype | | element | | | | | | | |
| 222 | | - | dfltent | subnode | - | "default entity" | "a5105" | node | dfltent | | doc type | | | | | | | |
| 223 | | - | elemtps | subnode | - | "element types" | "b2101" | nmnd list | "elemtype rankstem" | | doc type | | | | | | "gi stem" | |
| 224 | | - | par ments | subnode | - | "para meter entities" | "b1004" | nmnd list | entity | | doc type | | | | | | name | |
| 225 | | elemtype | - | - | "element type definition" | "element type" | "b2000" | - | | | | | | | | | | |
| 226 | | | gi | - | "generic identifier" | - | "78002" | string | | name | | | | general | | | | |
| 227 | | | omitstrt | - | - | "omit start tag" | "b2202" | boolean | | | | | | | | | | |
| 228 | | | omitend | - | - | "omit end tag" | "b2203" | boolean | | | | | | | | | | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Element No.** | **ps module** | **classdef** | **profdef** | **Node related specifi-cation** | **fullnm** | **appnm** | **clause** | **data type** | **ac** | **strlex** | **cn** | **conprop** | **dsepprop** | **strmnorm** | **sd** | **dependon** | **acnmprop** | **mayadd** |
| 229 | | | contype | - | - | "content type" | "b2300" | enum | | | | | | | | | | |
| 230 | | | modelgrp | subnode | - | "model group" | "b2402" | node | modelgrp | | | | | | | | | |
| 231 | | | excls | - | - | exclusions | "b2521" | strlist | | | | | | | | | | |
| 232 | | | incls | - | - | inclusions | "b2511" | strlist | | | | | | | | | | |
| 233 | | | attdefs | subnode | "attribute definitions" | "attribute defs" | "b3003" | nmnd list | attdef | | | | | | | | name | |
| 234 | | modelgrp | - | - | - | "model group" | "b2402" | - | | | | tokens | | | | | | |
| 235 | | | connect | - | - | connector | "b2410" | enum | | | | | | | | | | |
| 236 | | | occur | - | "occurrence indicator" | "occur indicator" | "b2420" | enum | | | | | | | | | | |
| 237 | | | tokens | subnode | - | "content tokens" | "b2403" | node list | "modelgrp pcdatatk elemtk" | | | | | | | | | |
| 238 | | pcdatatk | - | - | - | "pcdata token" | "b2404" | - | | | | | | | | | | |
| 239 | | elemtk | - | - | - | "element token" | "b2405" | - | | | | | | | | | | |
| 240 | | | gi | - | "generic identifier" | - | "b2405" | string | | name | | | | general | | | | |
| 241 | | | occur | - | "occurrence indicator" | "occur indicator" | "b2405" | enum | | | | | | | | | | |
| 242 | | attdef | - | - | "attribute definition" | "attribute def" | "b3003" | - | | | | dfltval | | | | | | |
| 243 | | | name | - | - | - | "b3201" | string | | name | | | | general | | | | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Element No. | ps module | classdef | profdef | Node related specifi-cation | fullnm | appnm | clause | data type | ac | strlex | cn | conprop | dsepprop | strmnorm | sd | dependon | acnmprop | mayadd |
| 244 | | | dcltype | - | "declared value prescription type" | "decl value type" | "b3301" | enum | | | | | | | | | | |
| 245 | | | tokens | - | - | - | "b3301" | strlist | | | | | | | | | | |
| 246 | | | dflttype | - | - | "default value type" | "b3401" | enum | | | | | | | | | | |
| 247 | | | dfltval | subnode | - | "default value" | "b3409" | node list | "att valtkdata chars data intignch entstart entend" | | | | | | | | | |
| 248 | | | curgrp | irefnode | - | "current group" | "b3001" | node list | attdef | | | | | | | | | |
| 249 | | | curattix | - | - | "current attribute index" | "b3001" | integer | | | | | | | | | | |
| 250 | | dfltent | - | - | - | "default entity" | | - | | | | | | | | | | |
| 251 | | | enttype | - | - | "entity type" | "a5502" | enum | | | | | | | | | | |
| 252 | | | text | - | "replace ment text" | - | "92101" | string | | | | | | | | | | |
| 253 | | | extid | subnode | "external identifier" | "external id" | "a1601" | node | extid | | | | | | | | | |
| 254 | | | atts | subnode | - | attributes | "b4120" | nmnd list | attasgn | | | | | | | | name | |
| 255 | | | notname | - | - | "notation name" | "79408" | string | | name | | | | general | | | | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Element No.** | **ps module** | **classdef** | **profdef** | **Node related specifi-cation** | **fullnm** | **appnm** | **clause** | **data type** | **ac** | **strlex** | **cn** | **conprop** | **dsepprop** | **strmnorm** | **sd** | **dependon** | **acnmprop** | **mayadd** |
| 256 | | | notation | irefnode | - | - | "b4001" | node | notation | | | | | | | | | |
| 257 | prlgsds | - | - | - | "prolog SGML document string" | - | - | - | | | | | | | | basesds1 | | |
| 258 | | - | entdcl | irefnode | "entity declaration" | "entity decl" | "a5001" | node | entdcl | | dfltent | | | | | | | |
| 259 | | - | notdcl | irefnode | "notation declaration" | "notation decl" | "b4001" | node | notdcl | | nota tion | | | | | | | |
| 260 | | - | attdldcl | irefnode | "attribute definition list declaration" | "attribute def list decl" | "b4111" | node | attdldcl | | nota tion | | | | | | | |
| 261 | | - | eltpdcl | irefnode | "element type declaration" | "element type decl" | "b2001" | node | eltpdcl | | elem type | | | | | | | |
| 262 | | - | attdldcl | irefnode | "attribute definition list declaration" | "attribute def list decl" | "b3001" | node | attdldcl | | elem type | | | | | | | |
| 263 | | - | doctpdcl | irefnode | "document type declaration" | - | "b1001" | node | doctpdcl | | doc type | | | | | | | |
| 264 | | - | attvalsp | irefnode | "attribute value specification" | "attribute value spec" | "79002" | node | "attvalue literal" | | attdef | | | | | | | |
| 265 | | doctpdcl | - | - | "document type declaration" | - | "b1000" | - | | | | | | | | | | + |

**Table D.1** (*continued*)

| Element No. | element | | | | attribute | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ps module | classdef | profdef | Node related specification | fullnm | appnm | clause | data type | ac | strlex | cn | conprop | dsepprop | strmnorm | sd | dependon | acnmprop | mayadd |
| 266 | | | markup | subnode | - | - | "b1001" | node list | "ssep comment name rname literal msstart msend msignch entstart entend comdcl pi eltpdcl entdcl notdcl attdldcl usemap srmapdcl" | | | | | | | | | | |
| 267 | | | doctype | irefnode | - | "document type" | "b1008" | node | doctype | | | | | | | | | | |
| 268 | | | entity | subnode | - | | "b1008" | node | entity | | | | | | | | | | |
| 269 | | attldldcl | - | - | "attribute definition list declaration" | "attribute def list decl" | "b3000" | - | | | | | | | | | | | |
| 270 | | | markup | subnode | - | - | "b3001" | node list | "ssep comment entstart entend gendelm name nmtoken attvalue literal" | | | | | | | | | | |
| 271 | | | asseltps | irefnode | "associated element types" | "assoc element types" | "b3001" | node list | elemtype | | | | | | | | | | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Element No.** | **ps module** | **classdef** | **profdef** | **Node related specifi-cation** | **fullnm** | **appnm** | **clause** | **data type** | **ac** | **strlex** | **cn** | **conprop** | **dsepprop** | **strmnorm** | **sd** | **dependon** | **acnmprop** | **mayadd** |
| 272 | | | assnots | irefnode | "associated notations" | "assoc notations" | "b3001" | node list | notation | | | | | | | | | |
| 273 | | eltpdcl | - | - | "element type declaration" | "element type decl" | "b2000" | - | | | | | | | | | | + |
| 274 | | | markup | subnode | - | - | "b2001" | node list | "ssep comment entstart entend gendelm name number" | | | | | | | | | |
| 275 | | | elem type | irefnode | "element type" | "element type" | "b2101" | node | elemtype | | | | | | | | | |
| 276 | | entdcl | - | - | "entity declaration" | "entity decl" | "a5000" | - | | | | | | | | | | + |
| 277 | | | markup | subnode | - | - | "a5001" | node list | "entstart entend ssep comment gendelm name rname literal attvalue" | | | | | | | | | |
| 278 | | | entity | subnode | - | - | "a5201" | node | entity | | | | | | | | | |
| 279 | | notdcl | - | - | "notation declaration" | "notation decl" | "b4000" | - | | | | | | | | | | + |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Element No.** | **ps module** | **classdef** | **profdef** | **Node related specifi-cation** | **fullnm** | **appnm** | **clause** | **data type** | **ac** | **strlex** | **cn** | **conprop** | **dsepprop** | **strmnorm** | **sd** | **dependon** | **acnmprop** | **mayadd** |
| 280 | | | markup | subnode | - | - | "b4001" | node list | "entstart entend ssep comment literal name rname" | | | | | | | | | |
| 281 | | | notation | irefnode | - | - | "b4001" | node | notation | | | | | | | | | |
| 282 | instsds0 | - | - | - | "instance SGML document string level 0" | - | - | | | | | | | | | | | |
| 283 | | - | included | derived | - | - | - | boolean | | | element | | | | | | | |
| 284 | | - | momit end | derived | - | "must omit end tag" | "b2209" | boolean | | | element | | | | | | | |
| 285 | instsds1 | - | - | - | "instance SGML document string level 1" | - | - | - | | | | | | | | "instsds0 basesds1" | | |
| 286 | | - | starttag | subnode optional | - | "start tag" | "74001" | node list | "gendelm name ssep entstart entend literal attvalue" | | element | | | | | | | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Element No.** | **ps module** | **classdef** | **profdef** | **Node related specifi-cation** | **fullnm** | **appnm** | **clause** | **data type** | **ac** | **strlex** | **cn** | **conprop** | **dsepprop** | **strmnorm** | **sd** | **dependon** | **acnmprop** | **mayadd** |
| 287 | | - | endtag | subnode optional | - | "end tag" | "75001" | node list | "gendelm name ssep entstart entend ignmrkup" | | element | | | | | | | |
| 288 | | - | movedre | | - | "moved re" | "7610a" | boolean | | | data char | | | | | | | |
| 289 | | - | repos | irefnode | - | "re position" | "7610a" | node | repos | | data char | | | | | | | |
| 290 | | - | markup | subnode optional | - | - | "94401 94402" | node list | "gendelm name ssep entstart entend refendre shortref" | | ext data | | | | | | | |
| 291 | | ignrs | - | - | - | "ignored rs" | "76101" | - | | | | | | | | | | |
| 292 | | | name cref | subnode optional | "named character reference" | "named char ref" | "95001" | node list | "gendelm name" | | | | | | | | | |
| 293 | | ignre | - | - | - | "ignored re" | "76100" | - | | | | | | | | | | |
| 294 | | | name cref | subnode optional | "named character reference" | "named char ref" | "95001" | node list | "gendelm name refendre" | | | | | | | | | |
| 295 | | repos | - | - | - | "re position" | "7610a" | - | | | | | | | | | | |
| 296 | | | re | irefnode | - | "record end" | "7610a" | node | datachar | | | | | | | | | |
| 297 | dtgabs | - | - | - | "datatag abstract" | - | - | - | | | | | | | | baseabs | | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Element No.** | **ps module** | **classdef** | **profdef** | **Node related specifi-cation** | **fullnm** | **appnm** | **clause** | **data type** | **ac** | **strlex** | **cn** | **conprop** | **dsepprop** | **strmnorm** | **sd** | **dependon** | **acnmprop** | **mayadd** |
| 298 | | - | datatag | derived | - | - | "73201" | boolean | | | element | | | | | | | |
| 299 | | - | dtg temps | - | - | "data tag templates" | "b2444" | strlist | | | elem type | | | | | | | |
| 300 | | - | dtgp temp | - | - | "data tag padding template" | "b2445" | string | | | elem type | | | | | | | |
| 301 | rankabs | - | - | - | "rank abstract" | - | | - | | | | | | | | prlgabs1 | | |
| 302 | | - | ranksuff | derived | - | "rank suffix" | "b2114" | string | | | elem type | | | | | | | |
| 303 | | - | rank stem | - | - | "rank stem" | "b2113" | string | | | elem type | | | | | | | |
| 304 | | - | rankgrp | - | - | "rank group" | "b2112" | strlist | | | elem type | | | | | | | |
| 305 | | rankstem | - | - | - | "rank stem" | "b2113" | - | | | | | | | | | | |
| 306 | | | stem | - | - | - | "b2113" | string | | name | | | | general | | | | |
| 307 | | | elemtps | irefnode | - | "element types" | "b2112" | node list | elemtype | | | | | | | | | |
| 308 | srabs | - | - | - | "shortref abstract" | - | - | - | | | | | | | | prlgabs0 | | |
| 309 | | - | - | - | "shortref abstract" | - | - | - | | | | | | | | prlgabs0 | | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Element No.** | **ps module** | **classdef** | **profdef** | **Node related specifi-cation** | **fullnm** | **appnm** | **clause** | **data type** | **ac** | **strlex** | **cn** | **conprop** | **dsepprop** | **strmnorm** | **sd** | **dependon** | **acnmprop** | **mayadd** |
| 310 | | - | srmaps | subnode | "short reference maps" | "short ref maps" | "b1006" | nmnd list | srmap | | doc type | | | | | | name | |
| 311 | | - | srmap nm | - | "short reference map name" | "short ref map name" | "b6004" | string | | rni name | elem type | | | general | | | | |
| 312 | | - | srmap | irefnode | "short reference map" | "short ref map" | "b6101" | node | srmap | | elem type | | | | | | | |
| 313 | | srmap | - | - | "short reference map" | "short ref map" | "b5000" | - | | | | | | | | | | |
| 314 | | | name | - | - | - | "b5002" | string | | name | | | | general | | | | |
| 315 | | | map | subnode | - | - | "b5004" | nmnd list | srassoc | | | | | | | | shortref | |
| 316 | | srassoc | - | - | "short reference association" | "short ref assoc" | "b5004" | - | | | | | | | | | | |
| 317 | | | shortref | - | "short reference delimiter" | "short ref" | "b5004" | string | | | | | | general | | | | |
| 318 | | | entname | - | - | "entity name" | "b5004" | string | | name | | | | entity | | | | |
| 319 | | | entity | irefnode | - | - | "b5001" | node | entity | | | | | | | | | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Element No. | ps module | classdef | profdef | Node related specifi-cation | fullnm | appnm | clause | data type | ac | strlex | cn | conprop | dsepprop | strmnorm | sd | dependon | acnmprop | mayadd |
| 320 | srsds | - | - | - | "shortref SGML document string" | - | - | - | | | | | | | | basesds1 | | |
| 321 | | usemap | - | - | "short reference use declaration" | "short ref use decl" | "b6000" | - | | | | markup | | | | | | |
| 322 | | | markup | subnode | - | - | "b6001" | node list | "entstart entend ssep comment gendelm name name ignmkup" | | | | | | | | | |
| 323 | | | asseltps | irefnode | "associated element types" | "assoc element types" | "a1501" | node list | elemtype | | | | | | | | | |
| 324 | | | srmap | irefnode | - | - | "b6002" | node | srmap | | | | | | | | | |
| 325 | | shortref | - | - | "short reference delimiter" | "short ref" | "e4620" | - | | | | | | | | | | |
| 326 | | origdelm | | | "original delimiter" | "original delim" | "96601" | string | | | | | | | | | | |
| 327 | | name c ref | | subnode optional | "named character reference" | "named char ref" | "95001" | node list | "gendelm name refendre" | | | | | | | | | |
| 328 | | srmapdcl | - | - | "short reference mapping declaration" | "short ref map decl" | "b5000" | - | | | | | | | | | | + |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Element No.** | **ps module** | **classdef** | **profdef** | **Node related specifi-cation** | **fullnm** | **appnm** | **clause** | **data type** | **ac** | **strlex** | **cn** | **conprop** | **dsepprop** | **strmnorm** | **sd** | **dependon** | **acnmprop** | **mayadd** |
| 329 | | | markup | subnode | - | - | "b5001" | node list | "entstart entend ssep comment gendelm name rname literal" | | | | | | | | | |
| 330 | | | map | irefnode | - | - | "b5001" | node | srmap | | | | | | | | | |
| 331 | linkabs | - | - | - | "link abstract" | - | - | - | | | | | | | | prlgabs0 | | |
| 332 | | - | empty lks | subnode | - | "empty link set" | "c3004" | node | linkset | | sgml csts | | | | | | | |
| 333 | | - | simplelk | subnode optional | "simple link information" | "simple link info" | "c1431" | nmnd list | simplelk | | element | | | | | | linktype | |
| 334 | | - | linkatts | irefnode | - | "link attributes" | "c1402" | nmnd list | attasgn | | element | | | | | | name | |
| 335 | | - | rsltgi | derived | "result element generic identifier" | "result gi" | "c2202" | string | | name | element | | | general | | | | |
| 336 | | - | rsltelem | irefnode | - | "result element type" | "c2202" | node | elemtype | | element | | | | | | | |
| 337 | | - | rsltatts | irefnode | - | "result attributes" | "c2203" | nmnd list | attasgn | | element | | | | | | name | |
| 338 | | - | lksetinf | irefnode | "link set information" | "link set info" | "c2205" | node list | linkrule | | element | | | | | | | |
| 339 | | simplelk | - | - | "simple link information" | "simple link info" | "c1430" | - | | | | | | | | | | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Element No. | ps module | classdef | profdef | Node related specifi-cation | fullnm | appnm | clause | data type | ac | strlex | cn | conprop | dsepprop | strmnorm | sd | dependon | acnmprop | mayadd |
| 340 | | | linktype | - | - | "link type" | "c1001" | string | | name | | | | general | | | | |
| 341 | | | atts | subnode | - | attributes | "c1402" | nmnd list | attasgn | | | | | | | | name | |
| 342 | | linktype | - | - | - | "link type" | - | - | | | | | | | | | | |
| 343 | | | name | - | - | - | "c1002" | string | | name | | | | general | | | | |
| 344 | | | active | - | - | - | - | boolean | | | | | | | | | | |
| 345 | | | ltkind | - | "kind of link type" | "link type kind" | "c1001" | enum | | | | | | | | | | |
| 346 | | | srcname | - | - | "source document type name" | "c1302" | string | | name | | | | general | | | | |
| 347 | | | source | irefnode | - | "source document type" | "c1305 c1306" | node | doctype | | | | | | | | | |
| 348 | | | rsltname | - | - | "result document type name" | "c1303" | string | | name | | | | general | | | | |
| 349 | | | result | irefnode | - | "result document type" | "c1306" | node | doctype | | | | | | | | | |
| 350 | | | inilkset | subnode | - | "initial link set" | "c2004" | node | linkset | | | | | | | | | |
| 351 | | | idlkset | subnode | - | "id link set" | "c2300" | node | linkset | | | | | | | | | |
| 352 | | | linksets | subnode | - | "link sets" | "c1401" | nmnd list | linkset | | | | | | | | name | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Element No.** | **ps module** | **classdef** | **profdef** | **Node related specifi-cation** | **fullnm** | **appnm** | **clause** | **data type** | **ac** | **strlex** | **cn** | **conprop** | **dsepprop** | **strmnorm** | **sd** | **dependon** | **acnmprop** | **mayadd** |
| 353 | | linkset | - | - | - | "link set" | "c2000" | - | | | | lkrules | | | | | | |
| 354 | | | name | - | - | - | "c2003" | string | | name | | | | general | | | | |
| 355 | | | lkrules | subnode | - | "link rules" | "c2002" | node list | linkrule | | | | | | | | | |
| 356 | | linkrule | - | - | - | "link rule" | "c2002" | - | | | | | | | | | | |
| 357 | | | assgis | - | "associated generic identifiers" | "assoc gis" | "c2101" | strlist | | name | | | | | | | | |
| 358 | | | asseltps | irefnode | "associated element types" | "assoc element types" | "c2101" | node list | elemtype | | | | | | | | | |
| 359 | | | id | - | "unique identifier" | - | "c2301" | string | | name | | | | general | | | | |
| 360 | | | uselink | irefnode | - | - | "c2104" | node | linkset | | | | | | | | | |
| 361 | | | uselknm | - | - | "uselink name" | "c2104" | string | | rni name | | | | general | | | | |
| 362 | | | postlkrs | derived | - | "postlink restore" | "c2101" | boolean | | | | | | | | | | |
| 363 | | | postlkst | irefnode | - | "postlink set" | "c2101" | node | linkset | | | | | | | | | |
| 364 | | | post lknm | - | - | - | "c2101" | string | | rni name | | | | general | | | | |
| 365 | | | linkatts | subnode | - | "link attributes " | "c2102" | nmnd list | attasgn | | | | | | | | name | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Element No.** | **ps module** | **classdef** | **profdef** | **Node related specifi-cation** | **fullnm** | **appnm** | **clause** | **data type** | **ac** | **strlex** | **cn** | **conprop** | **dsepprop** | **strmnorm** | **sd** | **dependon** | **acnmprop** | **mayadd** |
| 366 | | | rsltgi | - | "result element generic identifier" | "result gi" | "c2202" | string | | name | | | | general | | | | |
| 367 | | | rsltelem | irefnode | - | "result element type" | "c2202" | node | elemtype | | | | | | | | | |
| 368 | | | rsltatts | subnode | - | "result attributes" | "c2203" | nmnd list | attasgn | | | | | | | | name | |
| 369 | linksds | - | - | - | "link SGML document string" | - | - | | | | | | | | | basesds1 | | |
| 370 | | - | lksetdcl | irefnode | "link set declaration" | "link set decl" | "c2001" | node | "lksetdcl idlkdcl" | | link set | | | | | | | |
| 371 | | - | lktpdcl | irefnode | "link type declaration" | "link type decl" | "c1001" | node | lktpdcl | | link type | | | | | | | |
| 372 | | lktpdcl | - | - | "link type declaration" | "link type decl" | "c1000" | - | | | | | | | | | | + |
| 373 | | | markup | subnode | - | - | "c1001" | node list | "ssep comment name rname literal msstart msignch msend entstart entend pi comdcl entdcl attdldcl lksetdcl idlkdcl" | | | | | | | | | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Element No.** | **ps module** | **classdef** | **profdef** | **Node related specifi-cation** | **fullnm** | **appnm** | **clause** | **data type** | **ac** | **strlex** | **cn** | **conprop** | **dsepprop** | **strmnorm** | **sd** | **dependon** | **acnmprop** | **mayadd** |
| 374 | | | linktype | irefnode | - | "link type" | - | node | linktype | | | | | | | | | |
| 375 | | | entity | subnode | - | - | "c1004" | node | entity | | | | | | | | | |
| 376 | | lksetdcl | - | - | "link set declaration" | "link set decl" | "c2000" | - | | | | | | | | | | + |
| 377 | | | markup | subnode | - | - | "c2001" | node list | "entstart entend ssep comment gendelm name rname literal attvalue" | | | | | | | | | |
| 378 | | | linkset | irefnode | - | "link set" | "c2001" | node | linkset | | | | | | | | | |
| 379 | | idlkdcl | - | - | "ID link set declaration" | "id link set decl" | "c2300" | - | | | | | | | | | | + |
| 380 | | | markup | subnode | - | - | "c2301" | node list | "entstart entend ssep comment gendelm name rname literal attvalue" | | | | | | | | | |
| 381 | | | linkset | irefnode | - | "link set" | "c2301" | node | linkset | | | | | | | | | |
| 382 | | uselink | - | - | "link set use declaration" | "link set use decl" | "c3000" | - | | | | markup | | | | | | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Element No. | ps module | classdef | profdef | Node related specifi-cation | fullnm | appnm | clause | data type | ac | strlex | cn | conprop | dsepprop | strmnorm | sd | dependon | acnmprop | mayadd |
| 383 | | | markup | subnode | - | - | "c3001" | node list | "entstart entend ssep comment gendelm name rname ignmrkup" | | | | | | | | | |
| 384 | | | restore | derived | - | - | "c3002" | boolean | | | | | | | | | | |
| 385 | | | linkset | irefnode | - | - | "c3002" | node | linkset | | | | | | | | | |
| 386 | | | lksetnm | - | - | - | "c3002" | string | | rni name | | | | general | | | | |
| 387 | | | linktpnm | - | - | "link type name" | "c3001" | string | | name | | | | general | | | | |
| 388 | | | linktype | irefnode | - | "link type" | "c3001" | node | linktype | | | | | | | | | |
| 389 | subdcabs | - | - | - | "subdoc abstract" | | | - | | | | | | | | baseabs | | |
| 390 | | subdoc | - | - | "reference to subdocu ment" | subdocu ment | | - | | | | | | | | | | |
| 391 | | | entname | - | - | "entity name" | "a5101" | string | | name | | | | entity | | | | |
| 392 | | | entity | irefnode | - | - | "c5501" | node | entity | | | | | | | | | |
| 393 | subdcsds | - | - | - | "subdoc SGML document string" | - | - | - | | | | | | | | basesds1 subdcabs | | |

**Table D.1** (*continued*)

| | element | | | attribute | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Element No.** | **ps module** | **classdef** | **profdef** | **Node related specifi-cation** | **fullnm** | **appnm** | **clause** | **data type** | **ac** | **strlex** | **cn** | **conprop** | **dsepprop** | **strmnorm** | **sd** | **dependon** | **acnmprop** | **mayadd** |
| 394 | | - | markup | subnode optional | - | - | "94401" | node list | "gendelm name ssep entstart entend refendre shortref" | | sub doc | | | | | | | |
| 395 | fpiabs | - | - | - | "formal public identifier abstract" | - | - | | | | | | | | | baseabs | | |
| 396 | | - | fpi | subnode optional | "formal public identifier" | "formal public id" | "a2001" | node | fpi | | extid | | | | | | | |
| 397 | | fpi | - | - | "formal public identifier" | "formal public id" | "a2000" | - | | | | | | | | | | |
| 398 | | | ownertp | - | - | "owner type" | "a2100" | d | | | | | | | | | | |
| 399 | | | ownerid | - | "owner identifier" | "owner id" | "a2100" | string | | min data | | | | | | | | |
| 400 | | | textclas | - | "public text class" | "text class" | "a2210" | enum | | | | | | | | | | |
| 401 | | | unavail | - | - | unavailable | "a2202" | boolean | | | | | | | | | | |
| 402 | | | textdesc | - | "public text description" | "text description" | "a2221" | string | | min data | | | | | | | | |
| 403 | | | textlang | - | "public text language" | "text language" | "a2231" | string | | | | | | | | | | |

**Table D.1** (*continued*)

| Element No. | element | | | | attribute | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ps module | classdef | profdef | Node related specification | fullnm | appnm | clause | data type | ac | strlex | cn | conprop | dsepprop | strmnorm | sd | dependon | acnmprop | mayadd |
| 404 | | | textdseq | - | "public text designating sequence" | "text designating sequence" | "a2241" | string | | | | | | | | | | |
| 405 | | | textdver | - | "public text display version" | "text display version" | "a2251" | string | | | | | | | | | | |

# Annex E
(informative)

# Flow object classes and characteristics

Annex E clarifies the relationship between flow object classes and characteristics. The Tables E.1 and E.2 show all the flow object classes and characteristics of DSSSL style specifications. For composition the flow object classes have display areas, inline areas, and attachment areas. The characteristics are inherited and/or non-inherited.

A flow object class is employed in the following areas:

— display area

— inline area

— display and inline areas

In Tables E.1 and E.2, the following abbreviations are used:

— e: exist

— i: inherited or inline

— n: not-inherited

— d: display

— c: technical corrigendum

— (empty cell): not exit

## Table E.1 — Common characteristics of flow object classes

| | | display / inline | inherited / not-inherited | 0100 sequence | 0200 display-group | 0300 simple-page-sequence | 0400 page-sequence | 0500 column-set-sequence | 0600 paragraph | 0700 paragraph-break | 0800 line-field | 0900 sideline | 1000 anchor | 1100 character | 1200 leader | 1300 embedded-text | 1400 rule |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| display area | | | | | e | e | e | e | e | | | | e | | | | e |
| inline area | | | | | | | | | | | e | | e | e | e | e | e |
| attachment area | | | | | | | | | | | | e | | | | | |
| 0001 | keep-with-previous?: | d | n | | e | | | e | e | | | | | | | | c |
| 0002 | keep-with-next?: | d | n | | e | | | e | e | | | | | | | | c |
| 0003 | keep: | d | n | | e | | | e | e | | | | | | | | c |
| 0004 | may-violate-keep-before?: | d | n | | e | | | e | e | | | | | | | | c |
| 0005 | may-violate-keep-after?: | d | n | | e | | | e | e | | | | | | | | c |
| 0006 | break-before: | d | n | | e | | | e | e | | | | | | | | c |
| 0007 | break-after: | | n | | e | | | e | e | | | | | | | | e |
| 0008 | space-after: | d | n | | e | | | e | e | | | | | | | | c |
| 0009 | space-before: | d | n | | e | | | e | e | | | | | | | | c |
| 0010 | position-preference: | | n | | e | | | e | e | | | | | | | | e |
| 0011 | writing-mode: | d | i | | | e | | | e | | e | | | e | | | c |
| 0012 | span: | d | i | | | | | e | e | | | | e | | | | c |
| 0013 | span-weak?: | | i | | | | | e | e | | | | e | | | | e |
| 0014 | font-family-name: | | i | | | | | | e | | | | | e | | | |
| 0015 | font-weight: | | i | | | | | | e | | | | | e | | | |

**Table E.1** (*continued*)

| | | display / inline | inherited / not-inherited | 0100 sequence | 0200 display-group | 0300 simple-page-sequence | 0400 page-sequence | 0500 column-set-sequence | 0600 paragraph | 0700 paragraph-break | 0800 line-field | 0900 sideline | 1000 anchor | 1100 character | 1200 leader | 1300 embedded-text | 1400 rule |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0016 | font-posture: | | i | | | | | | e | | | | | e | | | |
| 0017 | font-structure: | | i | | | | | | e | | | | | e | | | |
| 0018 | font-proportionate-width: | | i | | | | | | e | | | | | e | | | |
| 0019 | font-name: | | i | | | | | | e | | | | | e | | | |
| 0020 | font-size: | | i | | | | | | e | | | | | e | | | |
| 0021 | language: | | i | | | | | | e | | | | | e | | e | |
| 0022 | country: | | i | | | | | | e | | | | | e | | e | |
| 0023 | start-indent: | d | i | | | | | | e | | | | | | | | c |
| 0024 | start-indent: | d | i | | | | | | e | | | | | | | | c |
| 0025 | inhibit-line-breaks?: | d | i | | | | | | | | e | | e | e | e | e | e |
| 0026 | break-before-proprity: | i | n | | | | | | | | e | | e | e | e | | c |
| 0027 | break-after-proprity: | i | n | | | | | | | | e | | e | e | e | | c |
| 0028 | color: | | i | | | | | | | | | e | | e | | | e |
| 0029 | layer: | | i | | | | | | | | | e | | e | | | e |
| 0030 | line-cap: | | i | | | | | | | | | e | | | | | e |
| 0031 | line-dash: | | i | | | | | | | | | e | | | | | e |
| 0032 | line-thickness: | | i | | | | | | | | | e | | | | | e |
| 0033 | line-repeat: | | i | | | | | | | | | e | | | | | e |
| 0034 | line-sep: | | i | | | | | | | | | e | | | | | e |

**Table E.1** (*continued*)

| | | display / inline | inherited / not-inherited | 0100 sequence | 0200 display-group | 0300 simple-page-sequence | 0400 page-sequence | 0500 column-set-sequence | 0600 paragraph | 0700 paragraph-break | 0800 line-field | 0900 sideline | 1000 anchor | 1100 character | 1200 leader | 1300 embedded-text | 1400 rule |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0035 | length: | | n | | | | | | | | | | | | e | | e |
| 0036 | display?: | | n | | | | | | | | | | e | | | | |
| 0037 | position-point-shift: | d | n | | | | | | | | | | | e | | | c |
| 0038 | display-alignment: | i | i | | | | | | | | | | | | | | c |
| 0039 | position-point-x: | d | n | | | | | | | | | | | | | | |
| 0040 | position-point-y: | d | n | | | | | | | | | | | | | | |
| 0041 | escapement-direction: | d | n | | | | | | | | | | | | | | |

| | | 1500 external-graphic | 1600 included-container-area | 1700 score | 1800 box | 1900 side-by-side | 2000 side-by-side-item | 2100 glyph-annotation | 2200 alignment-point | 2300 aligned-column | 2400 multi-line-inline-note | 2500 emphasizing-mark | 2600 math-sequence | 2601 unmath | 2602 subscript | 2603 super-script | 2604 script |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| display area | | e | e | | e | e | e | | | e | | | e | | | | |
| inline area | | e | e | e | e | | | | e | | e | | e | | | | |
| attachment area | | | | | | | | | | | | | | | | | |
| 0001 | keep-with-previous?: | c | c | | c | e | | | | e | | | | | | | |
| 0002 | keep-with-next?: | c | c | | c | e | | | | e | | | | | | | |
| 0003 | keep: | c | c | | c | e | | | | e | | | | | | | |
| 0004 | may-violate-keep-before?: | c | c | | c | e | | | | e | | | | | | | |

**Table E.1** (*continued*)

| | | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | 2400 | 2500 | 2600 | 2601 | 2602 | 2603 | 2604 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | external-graphic | included-container-area | score | box | side-by-side | side-by-side-item | glyph-annotation | alignment-point | aligned-column | multi-line-inline-note | emphasizing-mark | math-sequence | unmath | subscript | super-script | script |
| 0005 | may-violate-keep-after?: | c | c | | c | e | | | | e | | | | | | | |
| 0006 | break-before: | e | e | | e | e | | | | e | | | | | | | |
| 0007 | break-after: | e | e | | e | e | | | | e | | | | | | | |
| 0008 | space-after: | c | c | | c | e | | | | e | | | | | | | |
| 0009 | space-before: | c | c | | c | e | | | | e | | | | | | | |
| 0010 | position-preference: | e | e | | e | e | | | | e | | | | | | | |
| 0011 | writing-mode: | c | c | | e | | | | | e | | | | e | | | |
| 0012 | span: | c | c | | c | | | | | | | | | | | | |
| 0013 | span-weak?: | e | e | | e | | | | | | | | | | | | |
| 0014 | font-family-name: | | | e | | | | | | | | | | e | | | |
| 0015 | font-weight: | | | e | | | | | | | | | | e | | | |
| 0016 | font-posture: | | | e | | | | | | | | | | e | | | |
| 0017 | font-structure: | | | e | | | | | | | | | | e | | | |
| 0018 | font-proportionate-width: | | | e | | | | | | | | | | e | | | |
| 0019 | font-name: | | | e | | | | | | | | | | e | | | |
| 0020 | font-size: | | | e | | | | | | | | | | | | | |
| 0021 | language: | | | | | | | | | | | | | | | | |
| 0022 | country: | | | | | | | | | | | | | | | | |
| 0023 | start-indent: | c | c | | c | | e | | | e | | | | | | | |

**Table E.1** (*continued*)

| | | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | 2400 | 2500 | 2600 | 2601 | 2602 | 2603 | 2604 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | external-graphic | included-container-area | score | box | side-by-side | side-by-side-item | glyph-annotation | alignment-point | aligned-column | multi-line-inline-note | emphasizing-mark | math-sequence | unmath | subscript | super-script | script |
| 0024 | start-indent: | c | c | | c | | e | | | e | | | | | | | |
| 0025 | inhibit-line-breaks?: | c | c | e | e | | | e | | | e | e | | | | | |
| 0026 | break-before-proprity: | c | c | | e | | | e | | | e | e | | | | | |
| 0027 | break-after-proprity: | c | c | | e | | | e | | | e | e | | | | | |
| 0028 | color: | e | | e | e | | | | | | | | | | | | |
| 0029 | layer: | e | | e | e | | | | | | | | | | | | |
| 0030 | line-cap: | | | e | e | | | | | | | | | | | | |
| 0031 | line-dash: | | | e | e | | | | | | | | | | | | |
| 0032 | line-thickness: | | | e | e | | | | | | | | | | | | |
| 0033 | line-repeat: | | | e | e | | | | | | | | | | | | |
| 0034 | line-sep: | | | e | e | | | | | | | | | | | | |
| 0035 | length: | | | | | | | | | | | | | | | | |
| 0036 | display?: | e | e | | e | | | | | | | | | | | | |
| 0037 | position-point-shift: | | | | | | | | | | | | | | | | |
| 0038 | display-alignment: | c | c | | | | | | | e | | | | | | | |
| 0039 | position-point-x: | c | c | | | | | | | | | | | | | | |
| 0040 | position-point-y: | c | c | | | | | | | | | | | | | | |
| 0041 | escapement-direction: | c | c | | | | | | | | | | | | | | |

**Table E.1** (*continued*)

| | | 2605 | 2606 | 2607 | 2608 | 2609 | 2610 | 2611 | 2700 | 2701 | 2702 | 2703 | 2704 | 2705 | 2800 | 2801 | 2802 | 2803 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | mark | fence | fraction | radical | math-operator | grid | grid-cell | table | table-part | table-column | table-row | table-cell | table-border | scroll | multi-mode | link | marginalia |
| display area | | | | | | | | | e | | | | | | | e | | |
| inline area | | | | | | | | | | | | | | | | e | | |
| attachment area | | | | | | | | | | | | | | | | | | e |
| 0001 | keep-with-previous?: | | | | | | | | e | e | | | | | | | | |
| 0002 | keep-with-next?: | | | | | | | | e | e | | | | | | | | |
| 0003 | keep: | | | | | | | | e | e | | | | | | | | |
| 0004 | may-violate-keep-before?: | | | | | | | | e | e | | | | | | | | |
| 0005 | may-violate-keep-after?: | | | | | | | | e | e | | | | | | | | |
| 0006 | break-before: | | | | | | | | e | e | | | | | | | | |
| 0007 | break-after: | | | | | | | | e | e | | | | | | | | |
| 0008 | space-after: | | | | | | | | e | e | | | | | | | | |
| 0009 | space-before: | | | | | | | | e | e | | | | | | | | |
| 0010 | position-preference: | | | | | | | | e | | | | | | | | | |
| 0011 | writing-mode: | | | | | | | | e | | | | | | e | | | |
| 0012 | span: | | | | | | | | e | | | | | | | | | |
| 0013 | span-weak?: | | | | | | | | e | | | | | | | | | |
| 0014 | font-family-name: | | | | | | | | | | | | | | | | | |
| 0015 | font-weight: | | | | | | | | | | | | | | | | | |
| 0016 | font-posture: | | | | | | | | | | | | | | | | | |

**Table E.1** (*continued*)

| | | 2605 | 2606 | 2607 | 2608 | 2609 | 2610 | 2611 | 2700 | 2701 | 2702 | 2703 | 2704 | 2705 | 2800 | 2801 | 2802 | 2803 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | mark | fence | fraction | radical | math-operator | grid | grid-cell | table | table-part | table-column | table-row | table-cell | table-border | scroll | multi-mode | link | margin alia |
| 0017 | font-structure: | | | | | | | | | | | | | | | | | |
| 0018 | font-proportionate-width: | | | | | | | | | | | | | | | | | |
| 0019 | font-name: | | | | | | | | | | | | | | | | | |
| 0020 | font-size: | | | | | | | | | | | | | | | | | |
| 0021 | language: | | | | | | | | | | | | | | | | | |
| 0022 | country: | | | | | | | | | | | | | | | | | |
| 0023 | start-indent: | | | | | | | | e | | e | | | | | | | |
| 0024 | start-indent: | | | | | | | | e | | e | | | | | | | |
| 0025 | inhibit-line-breaks?: | | | | | | | | | | | | | | | | | |
| 0026 | break-before-proprity: | | | | | | | | | | | | | | | | | |
| 0027 | break-after-proprity: | | | | | | | | | | | | | | | | | |
| 0028 | color: | | | | | | | | | | | | | e | | | | |
| 0029 | layer: | | | | | | | | | | | | | e | | | | |
| 0030 | line-cap: | | | | | | | | | | | | e | e | | | | |
| 0031 | line-dash: | | | | | | | | | | | | e | e | | | | |
| 0032 | line-thickness: | | | | | | | | | | | | e | e | | | | |
| 0033 | line-repeat: | | | | | | | | | | | | e | e | | | | |
| 0034 | line-sep: | | | | | | | | | | | | e | e | | | | |
| 0035 | length: | | | | | | | | | | | | | | | | | |
| 0036 | display?: | | | | | | | | | | | | | | | | | |

**Table E.1** (*continued*)

| | | 2605 | 2606 | 2607 | 2608 | 2609 | 2610 | 2611 | 2700 | 2701 | 2702 | 2703 | 2704 | 2705 | 2800 | 2801 | 2802 | 2803 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | mark | fence | fraction | radical | math-operator | grid | grid-cell | table | table-part | table-column | table-row | table-cell | table-border | scroll | multi-mode | link | margin alia |
| 0037 | position-point-shift: | | | | | | | | | | | | | | | | | |
| 0038 | display-alignment: | | | | | | | | e | | e | | | | | | | |
| 0039 | position-point-x: | | | | | | | | | | | | | | | | | |
| 0040 | position-point-y: | | | | | | | | | | | | | | | | | |
| 0041 | escapement-direction: | | | | | | | | | | | | | | | | | |

## Table E.2 — Uncommon characteristics of flow object classes

| | | display / inline | inherited / not-inherited | 0100 sequence | 0200 display-group | 0300 simple-page-sequence | 0400 page-sequence | 0500 column-set-sequence | 0600 para-graph | 0700 para-graph-break | 0800 line-field | 0900 sideline | 1000 anchor | 1100 character | 1200 leader | 1300 embedded-text | 1400 rule |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| display area | | | | | e | e | e | e | e | | | | e | | | | e |
| inline area | | | | | | | | | | | e | | e | e | e | e | e |
| attachment area | | | | | | | | | | | | e | | | | | |
| 0042 | coalesce-id: | | n | | e | | | | | | | | | | | | |
| 0043 | page-width: | | i | | | e | | | | | | | | | | | |
| 0044 | page-height: | | i | | | e | | | | | | | | | | | |
| 0045 | left-margin: | | i | | | e | | | | | | | | | | | |
| 0046 | right-margin: | | i | | | e | | | | | | | | | | | |
| 0047 | top-margin: | | i | | | e | | | | | | | | | | | |
| 0048 | bottom-margin: | | i | | | e | | | | | | | | | | | |
| 0049 | header-margin: | | i | | | e | | | | | | | | | | | |
| 0050 | footer-margin: | | i | | | e | | | | | | | | | | | |
| 0051 | left-header: | | n | | | e | | | | | | | | | | | |
| 0052 | center-header: | | n | | | e | | | | | | | | | | | |
| 0053 | right-header: | | n | | | e | | | | | | | | | | | |
| 0054 | left-footer: | | n | | | e | | | | | | | | | | | |
| 0055 | center-footer: | | n | | | e | | | | | | | | | | | |
| 0056 | right-footer: | | n | | | e | | | | | | | | | | | |
| 0057 | initial-page-models: | | i | | | | e | | | | | | | | | | |
| 0058 | repeat-page-models: | | i | | | | e | | | | | | | | | | |
| 0059 | force-last-page: | | i | | | | e | | | | | | | | | | |

**Table E.2** (*continued*)

| | | display / inline | inherited / not-inherited | 0100 sequence | 0200 display-group | 0300 simple-page-sequence | 0400 page-sequence | 0500 column-set-sequence | 0600 para-graph | 0700 para-graph-break | 0800 line-field | 0900 sideline | 1000 anchor | 1100 character | 1200 leader | 1300 embedded-text | 1400 rule |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0060 | force-first-page: | | i | | | | e | | | | | | | | | | |
| 0061 | first-page-type: | | i | | | | e | | | | | | | | | | |
| 0062 | blank-back-page-model: | | i | | | | e | | | | | | | | | | |
| 0063 | blank-front-page-model: | | i | | | | e | | | | | | | | | | |
| 0064 | justify-spread?: | | i | | | | e | | | | | | | | | | |
| 0065 | page-category: | | i | | | | e | | | | | | | | | | |
| 0066 | binding-edge: | | i | | | | e | | | | | | | | | | |
| 0067 | column-set-model-map: | | i | | | | | e | | | | | | | | | |
| 0068 | column-set-model: | | i | | | | | e | | | | | | | | | |
| 0069 | lines: | | i | | | | | | e | | | | | | | | |
| 0070 | asis-truncate-char: | | i | | | | | | e | | | | | | | | |
| 0071 | asis-wrap-char: | | i | | | | | | e | | | | | | | | |
| 0072 | asis-wrap-indent: | | i | | | | | | e | | | | | | | | |
| 0073 | first-line-align: | | i | | | | | | e | | | | | | | | |
| 0074 | alignment-point-offset: | | i | | | | | | e | | | | | | | | |
| 0075 | ignore-record-end?: | | i | | | | | | e | | | | | | | | |
| 0076 | expand-tabs?: | | i | | | | | | e | | | | | | | | |
| 0077 | line-spacing: | | i | | | | | | e | | | | | | | | |
| 0078 | line-spacing-priority: | | i | | | | | | e | | | | | | | | |
| 0079 | min-pre-line-spacing: | | i | | | | | | e | | | | | | | | |

**Table E.2** (*continued*)

| | | display / inline | inherited / not-inherited | 0100 sequence | 0200 display-group | 0300 simple-page-sequence | 0400 page-sequence | 0500 column-set-sequence | 0600 para-graph | 0700 para-graph-break | 0800 line-field | 0900 sideline | 1000 anchor | 1100 character | 1200 leader | 1300 embedded-text | 1400 rule |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0080 | min-post-line-spacing: | | i | | | | | | e | | | | | | | | |
| 0081 | min-leading: | | i | | | | | | e | | | | | | | | |
| 0082 | first-line-start-indent: | | i | | | | | | e | | | | | | | | |
| 0083 | last-line-end-indent: | | i | | | | | | e | | | | | | | | |
| 0084 | hyphenation-char: | | i | | | | | | e | | | | | | | | |
| 0085 | hyphenation-ladder-count: | | i | | | | | | e | | | | | | | | |
| 0086 | hyphenation-remain-char-count: | | i | | | | | | e | | | | | | | | |
| 0087 | hyphenation-push-char-count: | | i | | | | | | e | | | | | | | | |
| 0088 | hyphenation-keep: | | i | | | | | | e | | | | | | | | |
| 0089 | hyphenation-exceptions: | | i | | | | | | e | | | | | | | | |
| 0090 | line-breaking-method: | | i | | | | | | e | | | | | | | | |
| 0091 | line-composition-method: | | i | | | | | | e | | | | | | | | |
| 0092 | implicit-bidi-method: | | i | | | | | | e | | | | | | | | |
| 0093 | glyph-alignment-mode: | | i | | | | | | e | | | | | | | | |
| 0094 | numbered-lines?: | | i | | | | | | e | | | | | | | | |
| 0095 | line-number: | | i | | | | | | e | | | | | | | | |

**Table E.2** (*continued*)

| | | display / inline | inherited / not-inherited | 0100 sequence | 0200 display-group | 0300 simple-page-sequence | 0400 page-sequence | 0500 column-set-sequence | 0600 para-graph | 0700 para-graph-break | 0800 line-field | 0900 sideline | 1000 anchor | 1100 character | 1200 leader | 1300 embedded-text | 1400 rule |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0096 | line-number-side: | | i | | | | | | e | | | | | | | | |
| 0097 | line-number-sep: | | i | | | | | | e | | | | | | | | |
| 0098 | quadding: | | i | | | | | | e | | | | | | | | |
| 0099 | last-line-quadding: | | i | | | | | | e | | | | | | | | |
| 0100 | last-line-justify-limit: | | i | | | | | | e | | | | | | | | |
| 0101 | justify-glyph-space-max-add: | | i | | | | | | e | | | | | | | | |
| 0102 | justify-glyph-space-max-remove: | | i | | | | | | e | | | | | | | | |
| 0103 | hanging-punct?: | | i | | | | | | e | | | | | | | | |
| 0104 | widow-count: | | i | | | | | | e | | | | | | | | |
| 0105 | orphan-count: | | i | | | | | | e | | | | | | | | |
| 0106 | field-width: | | i | | | | | | | | e | | | | | | |
| 0107 | field-align: | | i | | | | | | | | e | | | | | | |
| 0108 | sideline-side: | | i | | | | | | | | | e | | | | | |
| 0109 | sideline-sep: | | i | | | | | | | | | e | | | | | |
| 0110 | anchor-keep-with-previous: | | i | | | | | | | | | | e | | | | |
| 0111 | char: | | n | | | | | | | | | | | e | | | |
| 0112 | char-map: | | i | | | | | | | | | | | e | | | |
| 0113 | glyph-id: | | n | | | | | | | | | | | e | | | |
| 0114 | glyph-subst-table: | | i | | | | | | | | | | | e | | | |

**Table E.2** (*continued*)

| | | display / inline | inherited / not-inherited | 0100 sequence | 0200 display-group | 0300 simple-page-sequence | 0400 page-sequence | 0500 column-set-sequence | 0600 para-graph | 0700 para-graph-break | 0800 line-field | 0900 sideline | 1000 anchor | 1100 character | 1200 leader | 1300 embedded-text | 1400 rule |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0115 | glyph-subst-method: | | i | | | | | | | | | | | e | | | |
| 0116 | glyph-reorder-method: | | i | | | | | | | | | | | e | | | |
| 0117 | math-font-posture: | | n | | | | | | | | | | | e | | | |
| 0118 | stretch-factor: | | n | | | | | | | | | | | e | | | |
| 0119 | hyphenate?: | | i | | | | | | | | | | | e | | | |
| 0120 | hyphenation-method: | | i | | | | | | | | | | | e | | | |
| 0121 | kern?: | | i | | | | | | | | | | | e | | | |
| 0122 | kern-mode: | | i | | | | | | | | | | | e | | | |
| 0123 | ligature?: | | i | | | | | | | | | | | e | | | |
| 0124 | allowed-ligatures: | | i | | | | | | | | | | | e | | | |
| 0125 | space?: | | n | | | | | | | | | | | e | | | |
| 0126 | inline-space-space: | | i | | | | | | | | | | | e | | | |
| 0127 | escapement-space-before: | | i | | | | | | | | | | | e | | | |
| 0128 | escapement-space-after: | | i | | | | | | | | | | | e | | | |
| 0129 | record-end?: | | n | | | | | | | | | | | e | | | |
| 0130 | input-tab?: | | n | | | | | | | | | | | e | | | |
| 0131 | input-whitespace-treatment: | | i | | | | | | | | | | | e | | | |
| 0132 | input-whitespace?: | | n | | | | | | | | | | | e | | | |

**Table E.2** (*continued*)

| | | display / inline | inherited / not-inherited | 0100 sequence | 0200 display-group | 0300 simple-page-sequence | 0400 page-sequence | 0500 column-set-sequence | 0600 para-graph | 0700 para-graph-break | 0800 line-field | 0900 sideline | 1000 anchor | 1100 character | 1200 leader | 1300 embedded-text | 1400 rule |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0133 | punct?: | | n | | | | | | | | | | | e | | | |
| 0134 | drop-after-line-break?: | | n | | | | | | | | | | | e | | | |
| 0135 | drop-unless-before-line-break?: | | n | | | | | | | | | | | e | | | |
| 0136 | math-class: | | n | | | | | | | | | | | e | | | |
| 0137 | script: | | n | | | | | | | | | | | e | | | |
| 0138 | truncate-leader?: | | i | | | | | | | | | | | | e | | |
| 0139 | align-leader?: | | i | | | | | | | | | | | | e | | |
| 0140 | min-leader-repeat: | | i | | | | | | | | | | | | e | | |
| 0141 | direction: | | n | | | | | | | | | | | | | e | |
| 0142 | orientation: | | n | | | | | | | | | | | | | | e |
| 0143 | max-width: | | n | | | | | | | | | | | | | | |
| 0144 | max-height: | | n | | | | | | | | | | | | | | |
| 0145 | entity-system-id: | | n | | | | | | | | | | | | | | |
| 0146 | notation-system-id: | | n | | | | | | | | | | | | | | |
| 0147 | scale:(external-graphic) | | n | | | | | | | | | | | | | | |
| 0148 | filling-direction:(included-container...) | | i | | | | | | | | | | | | | | |
| 0149 | width:(included-container-area) | | n | | | | | | | | | | | | | | |
| 0150 | height: | | n | | | | | | | | | | | | | | |
| 0151 | contents-alignment: | | i | | | | | | | | | | | | | | |

**Table E.2** (*continued*)

| | | display / inline | inherited / not-inherited | 0100 sequence | 0200 display-group | 0300 simple-page-sequence | 0400 page-sequence | 0500 column-set-sequence | 0600 para-graph | 0700 para-graph-break | 0800 line-field | 0900 sideline | 1000 anchor | 1100 character | 1200 leader | 1300 embedded-text | 1400 rule |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0152 | overflow-action: | | i | | | | | | | | | | | | | | |
| 0153 | contents-rotation: | | n | | | | | | | | | | | | | | |
| 0154 | scale:(included-container-area) | | n | | | | | | | | | | | | | | |
| 0155 | score-spaces?: | | i | | | | | | | | | | | | | | |
| 0156 | type: | | i | | | | | | | | | | | | | | |
| 0157 | box-type: | | i | | | | | | | | | | | | | | |
| 0158 | box-open-end?: | | i | | | | | | | | | | | | | | |
| 0159 | background-color:(box) | | i | | | | | | | | | | | | | | |
| 0160 | background-layer:(box) | | i | | | | | | | | | | | | | | |
| 0161 | box-corner-rounded: | | i | | | | | | | | | | | | | | |
| 0162 | box-corner-radius: | | i | | | | | | | | | | | | | | |
| 0163 | box-corner-alignment | | i | | | | | | | | | | | | | | |
| 0164 | box-size-before: | d | i | | | | | | | | | | | | | | |
| 0165 | box-size-after: | d | i | | | | | | | | | | | | | | |
| 0166 | line-miter-limit:(box) | | i | | | | | | | | | | | | | | |
| 0167 | line-join:(box) | | i | | | | | | | | | | | | | | |
| 0168 | side-by-side-overlap-control: | | i | | | | | | | | | | | | | | |
| 0169 | side-by-side-pre-align: | | i | | | | | | | | | | | | | | |

**Table E.2** (*continued*)

| | | display / inline | inherited / not-inherited | 0100 sequence | 0200 display-group | 0300 simple-page-sequence | 0400 page-sequence | 0500 column-set-sequence | 0600 para-graph | 0700 para-graph-break | 0800 line-field | 0900 sideline | 1000 anchor | 1100 character | 1200 leader | 1300 embedded-text | 1400 rule |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0170 | side-by-side-post-align: | | i | | | | | | | | | | | | | | |
| 0171 | annotation-glyph-placement: | | i | | | | | | | | | | | | | | |
| 0172 | annnotation-glyph-style: | | i | | | | | | | | | | | | | | |
| 0173 | open: | | n | | | | | | | | | | | | | | |
| 0174 | close: | | n | | | | | | | | | | | | | | |
| 0175 | inline-note-line-count: | | i | | | | | | | | | | | | | | |
| 0176 | inline-note-style: | | i | | | | | | | | | | | | | | |
| 0177 | mark: | | n | | | | | | | | | | | | | | |
| 0178 | mark-distribution: | | i | | | | | | | | | | | | | | |
| 0179 | mark-style: | | i | | | | | | | | | | | | | | |
| 0180 | math-display-mode: | | i | | | | | | | | | | | | | | |
| 0181 | glyph-alignment-mode: | | i | | | | | | | | | | | | | | |
| 0182 | script-pre-align: | | i | | | | | | | | | | | | | | |
| 0183 | script-post-align: | | i | | | | | | | | | | | | | | |
| 0184 | script-mid-sup-align: | | i | | | | | | | | | | | | | | |
| 0185 | script-mid-sub-align: | | i | | | | | | | | | | | | | | |
| 0186 | fraction-bar: | | n | | | | | | | | | | | | | | |
| 0187 | numerator-align: | | i | | | | | | | | | | | | | | |
| 0188 | denominator-align: | | i | | | | | | | | | | | | | | |
| 0189 | radical: | | n | | | | | | | | | | | | | | |

**Table E.2** (*continued*)

| | | display / inline | inherited / not-inherited | 0100 sequence | 0200 display-group | 0300 simple-page-sequence | 0400 page-sequence | 0500 column-set-sequence | 0600 para-graph | 0700 para-graph-break | 0800 line-field | 0900 sideline | 1000 anchor | 1100 character | 1200 leader | 1300 embedded-text | 1400 rule |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0190 | grid-position-cell-type: | | i | | | | | | | | | | | | | | |
| 0191 | grid-n-columns: | | n | | | | | | | | | | | | | | |
| 0192 | grid-n-rows: | | n | | | | | | | | | | | | | | |
| 0193 | grid-column-alignment: | | i | | | | | | | | | | | | | | |
| 0194 | grid-row-alignment: | | i | | | | | | | | | | | | | | |
| 0195 | grid-equidistant-rows?: | | i | | | | | | | | | | | | | | |
| 0196 | grid-equidistant-columns?: | | i | | | | | | | | | | | | | | |
| 0197 | column-number:(grid-cell) | | n | | | | | | | | | | | | | | |
| 0198 | row-number: | | n | | | | | | | | | | | | | | |
| 0199 | table-width: | | n | | | | | | | | | | | | | | |
| 0200 | table-auto-width-method: | | i | | | | | | | | | | | | | | |
| 0201 | table-border: | | n | | | | | | | | | | | | | | |
| 0202 | before-row-border: | | n | | | | | | | | | | | | | | |
| 0203 | after-row-border: | | i | | | | | | | | | | | | | | |
| 0204 | before-column-border: | | i | | | | | | | | | | | | | | |
| 0205 | after-column-border: | | i | | | | | | | | | | | | | | |

**Table E.2** (*continued*)

| | | display / inline | inherited / not-inherited | 0100 sequence | 0200 display-group | 0300 simple-page-sequence | 0400 page-sequence | 0500 column-set-sequence | 0600 para-graph | 0700 para-graph-break | 0800 line-field | 0900 sideline | 1000 anchor | 1100 character | 1200 leader | 1300 embedded-text | 1400 rule |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0206 | table-corner-rounded: | | i | | | | | | | | | | | | | | |
| 0207 | table-corner-radius: | | i | | | | | | | | | | | | | | |
| 0208 | table-part-omit-middle-header?: | | i | | | | | | | | | | | | | | |
| 0209 | table-part-omit-middle-footer?: | | i | | | | | | | | | | | | | | |
| 0210 | column-number:(t-column,t-cell) | | n | | | | | | | | | | | | | | |
| 0211 | n-columns-spanned:(t-column,t-cell) | | n | | | | | | | | | | | | | | |
| 0212 | width:(table-column) | | n | | | | | | | | | | | | | | |
| 0213 | n-rows-spanned: | | n | | | | | | | | | | | | | | |
| 0214 | cell-before-row-margin: | | i | | | | | | | | | | | | | | |
| 0215 | cell-after-row-margin: | | i | | | | | | | | | | | | | | |
| 0216 | cell-before-column-margin: | | i | | | | | | | | | | | | | | |
| 0217 | cell-after-column-margin: | | i | | | | | | | | | | | | | | |
| 0218 | cell-row-alignment: | | i | | | | | | | | | | | | | | |
| 0219 | cell-background?: | | i | | | | | | | | | | | | | | |

**Table E.2** (*continued*)

| | | display / inline | inherited / not-inherited | 0100 sequence | 0200 display-group | 0300 simple-page-sequence | 0400 page-sequence | 0500 column-set-sequence | 0600 para-graph | 0700 para-graph-break | 0800 line-field | 0900 sideline | 1000 anchor | 1100 character | 1200 leader | 1300 embedded-text | 1400 rule |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0220 | background-color:(table-cell) | | i | | | | | | | | | | | | | | |
| 0221 | background-layer:(table-cell) | | i | | | | | | | | | | | | | | |
| 0222 | cell-before-row-border: | | i | | | | | | | | | | | | | | |
| 0223 | cell-after-row-border: | | i | | | | | | | | | | | | | | |
| 0224 | cell-before-column-border: | | i | | | | | | | | | | | | | | |
| 0225 | cell-after-column-border: | | i | | | | | | | | | | | | | | |
| 0226 | starts-row?: | | n | | | | | | | | | | | | | | |
| 0227 | ends-row?: | | n | | | | | | | | | | | | | | |
| 0228 | cell-crossed: | | i | | | | | | | | | | | | | | |
| 0229 | float-out-sidelines?: | | i | | | | | | | | | | | | | | |
| 0230 | float-out-marginalia?: | | i | | | | | | | | | | | | | | |
| 0231 | float-out-line-numbers?: | | i | | | | | | | | | | | | | | |
| 0232 | border-priority: | | i | | | | | | | | | | | | | | |
| 0233 | border-alignment: | | i | | | | | | | | | | | | | | |
| 0234 | border-present?: | | i | | | | | | | | | | | | | | |
| 0235 | border-omit-at-break?: | | i | | | | | | | | | | | | | | |
| 0236 | line-miter-limit:(table-border) | | i | | | | | | | | | | | | | | |

**Table E.2** (*continued*)

| | | display / inline | inherited / not-inherited | 0100 sequence | 0200 display-group | 0300 simple-page-sequence | 0400 page-sequence | 0500 column-set-sequence | 0600 para-graph | 0700 para-graph-break | 0800 line-field | 0900 sideline | 1000 anchor | 1100 character | 1200 leader | 1300 embedded-text | 1400 rule |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0237 | line-join:(table-border) | | i | | | | | | | | | | | | | | |
| 0238 | background-color:(scroll) | | i | | | | | | | | | | | | | | |
| 0239 | background-layer:(scroll) | | i | | | | | | | | | | | | | | |
| 0240 | filling-direction:(scroll) | | i | | | | | | | | | | | | | | |
| 0241 | background-tile: | | i | | | | | | | | | | | | | | |
| 0242 | start-margin: | | i | | | | | | | | | | | | | | |
| 0243 | end-margin: | | i | | | | | | | | | | | | | | |
| 0244 | multi-mode: | | n | | | | | | | | | | | | | | |
| 0245 | principal-mode-simultaneous?: | | i | | | | | | | | | | | | | | |
| 0246 | destination: | | i | | | | | | | | | | | | | | |
| 0247 | marginalia-sep: | | i | | | | | | | | | | | | | | |
| 0248 | marginalia-side: | | i | | | | | | | | | | | | | | |
| 0249 | marginalia-keep-with-previous?: | | i | | | | | | | | | | | | | | |

**Table E.2** (*continued*)

| | | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | 2400 | 2500 | 2600 | 2601 | 2602 | 2603 | 2604 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | external-graphic | included-container-area | score | box | side-by-side | side-by-side-item | glyph-annotation | alignment-point | aligned-column | multi-line-inline-note | emphasizing-mark | math-sequence | unmath | sub-script | super-script | script |
| display area | | e | e | | e | e | e | | | e | | | e | | | | |
| inline area | | e | e | e | e | | | | e | | e | | e | | | | |
| attachment area | | | | | | | | | | | | | | | | | |
| 0042 | coalesce-id: | | | | | | | | | | | | | | | | |
| 0043 | page-width: | | | | | | | | | | | | | | | | |
| 0044 | page-height: | | | | | | | | | | | | | | | | |
| 0045 | left-margin: | | | | | | | | | | | | | | | | |
| 0046 | right-margin: | | | | | | | | | | | | | | | | |
| 0047 | top-margin: | | | | | | | | | | | | | | | | |
| 0048 | bottom-margin: | | | | | | | | | | | | | | | | |
| 0049 | header-margin: | | | | | | | | | | | | | | | | |
| 0050 | footer-margin: | | | | | | | | | | | | | | | | |
| 0051 | left-header: | | | | | | | | | | | | | | | | |
| 0052 | center-header: | | | | | | | | | | | | | | | | |
| 0053 | right-header: | | | | | | | | | | | | | | | | |
| 0054 | left-footer: | | | | | | | | | | | | | | | | |
| 0055 | center-footer: | | | | | | | | | | | | | | | | |
| 0056 | right-footer: | | | | | | | | | | | | | | | | |
| 0057 | initial-page-models: | | | | | | | | | | | | | | | | |
| 0058 | repeat-page-models: | | | | | | | | | | | | | | | | |
| 0059 | force-last-page: | | | | | | | | | | | | | | | | |

**Table E.2** (*continued*)

| | | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | 2400 | 2500 | 2600 | 2601 | 2602 | 2603 | 2604 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | external-graphic | included-container-area | score | box | side-by-side | side-by-side-item | glyph-annotation | alignment-point | aligned-column | multi-line-inline-note | emphasizing-mark | math-sequence | unmath | sub-script | super-script | script |
| 0060 | force-first-page: | | | | | | | | | | | | | | | | |
| 0061 | first-page-type: | | | | | | | | | | | | | | | | |
| 0062 | blank-back-page-model: | | | | | | | | | | | | | | | | |
| 0063 | blank-front-page-model: | | | | | | | | | | | | | | | | |
| 0064 | justify-spread?: | | | | | | | | | | | | | | | | |
| 0065 | page-category: | | | | | | | | | | | | | | | | |
| 0066 | binding-edge: | | | | | | | | | | | | | | | | |
| 0067 | column-set-model-map: | | | | | | | | | | | | | | | | |
| 0068 | column-set-model: | | | | | | | | | | | | | | | | |
| 0069 | lines: | | | | | | | | | | | | | | | | |
| 0070 | asis-truncate-char: | | | | | | | | | | | | | | | | |
| 0071 | asis-wrap-char: | | | | | | | | | | | | | | | | |
| 0072 | asis-wrap-indent: | | | | | | | | | | | | | | | | |
| 0073 | first-line-align: | | | | | | | | | | | | | | | | |
| 0074 | alignment-point-offset: | | | | | | | | | | | | | | | | |
| 0075 | ignore-record-end?: | | | | | | | | | | | | | | | | |
| 0076 | expand-tabs?: | | | | | | | | | | | | | | | | |
| 0077 | line-spacing: | | | | | | | | | | | | | | | | |
| 0078 | line-spacing-priority: | | | | | | | | | | | | | | | | |
| 0079 | min-pre-line-spacing: | | | | | | | | | | | | | | | | |

**Table E.2** (*continued*)

| | | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | 2400 | 2500 | 2600 | 2601 | 2602 | 2603 | 2604 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | external-graphic | included-container-area | score | box | side-by-side | side-by-side-item | glyph-annotation | alignment-point | aligned-column | multi-line-inline-note | emphasizing-mark | math-sequence | unmath | sub-script | super-script | script |
| 0080 | min-post-line-spacing: | | | | | | | | | | | | | | | | |
| 0081 | min-leading: | | | | | | | | | | | | | | | | |
| 0082 | first-line-start-indent: | | | | | | | | | | | | | | | | |
| 0083 | last-line-end-indent: | | | | | | | | | | | | | | | | |
| 0084 | hyphenation-char: | | | | | | | | | | | | | | | | |
| 0085 | hyphenation-ladder-count: | | | | | | | | | | | | | | | | |
| 0086 | hyphenation-remain-char-count: | | | | | | | | | | | | | | | | |
| 0087 | hyphenation-push-char-count: | | | | | | | | | | | | | | | | |
| 0088 | hyphenation-keep: | | | | | | | | | | | | | | | | |
| 0089 | hyphenation-exceptions: | | | | | | | | | | | | | | | | |
| 0090 | line-breaking-method: | | | | | | | | | | | | | | | | |
| 0091 | line-composition-method: | | | | | | | | | | | | | | | | |
| 0092 | implicit-bidi-method: | | | | | | | | | | | | | | | | |
| 0093 | glyph-alignment-mode: | | | | | | | | | | | | | | | | |
| 0094 | numbered-lines?: | | | | | | | | | | | | | | | | |
| 0095 | line-number: | | | | | | | | | | | | | | | | |

**Table E.2** (*continued*)

| | | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | 2400 | 2500 | 2600 | 2601 | 2602 | 2603 | 2604 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | external-graphic | included-container-area | score | box | side-by-side | side-by-side-item | glyph-annotation | alignment-point | aligned-column | multi-line-inline-note | emphasizing-mark | math-sequence | unmath | sub-script | super-script | script |
| 0096 | line-number-side: | | | | | | | | | | | | | | | | |
| 0097 | line-number-sep: | | | | | | | | | | | | | | | | |
| 0098 | quadding: | | | | | | | | | | | | | | | | |
| 0099 | last-line-quadding: | | | | | | | | | | | | | | | | |
| 0100 | last-line-justify-limit: | | | | | | | | | | | | | | | | |
| 0101 | justify-glyph-space-max-add: | | | | | | | | | | | | | | | | |
| 0102 | justify-glyph-space-max-remove: | | | | | | | | | | | | | | | | |
| 0103 | hanging-punct?: | | | | | | | | | | | | | | | | |
| 0104 | widow-count: | | | | | | | | | | | | | | | | |
| 0105 | orphan-count: | | | | | | | | | | | | | | | | |
| 0106 | field-width: | | | | | | | | | | | | | | | | |
| 0107 | field-align: | | | | | | | | | | | | | | | | |
| 0108 | sideline-side: | | | | | | | | | | | | | | | | |
| 0109 | sideline-sep: | | | | | | | | | | | | | | | | |
| 0110 | anchor-keep-with-previous: | | | | | | | | | | | | | | | | |
| 0111 | char: | | | | | | | | | | | | | | | | |
| 0112 | char-map: | | | | | | | | | | | | | | | | |
| 0113 | glyph-id: | | | | | | | | | | | | | | | | |
| 0114 | glyph-subst-table: | | | | | | | | | | | | | | | | |
| 0115 | glyph-subst-method: | | | | | | | | | | | | | | | | |

**Table E.2** (*continued*)

| | | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | 2400 | 2500 | 2600 | 2601 | 2602 | 2603 | 2604 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | external-graphic | included-container-area | score | box | side-by-side | side-by-side-item | glyph-annotation | alignment-point | aligned-column | multi-line-inline-note | emphasizing-mark | math-sequence | unmath | sub-script | super-script | script |
| 0116 | glyph-reorder-method: | | | | | | | | | | | | | | | | |
| 0117 | math-font-posture: | | | | | | | | | | | | | | | | |
| 0118 | stretch-factor: | | | | | | | | | | | | | | | | |
| 0119 | hyphenate?: | | | | | | | | | | | | | | | | |
| 0120 | hyphenation-method: | | | | | | | | | | | | | | | | |
| 0121 | kern?: | | | | | | | | | | | | | | | | |
| 0122 | kern-mode: | | | | | | | | | | | | | | | | |
| 0123 | ligature?: | | | | | | | | | | | | | | | | |
| 0124 | allowed-ligatures: | | | | | | | | | | | | | | | | |
| 0125 | space?: | | | | | | | | | | | | | | | | |
| 0126 | inline-space-space: | | | | | | | | | | | | | | | | |
| 0127 | escapement-space-before: | | | | | | | | | | | | | | | | |
| 0128 | escapement-space-after: | | | | | | | | | | | | | | | | |
| 0129 | record-end?: | | | | | | | | | | | | | | | | |
| 0130 | input-tab?: | | | | | | | | | | | | | | | | |
| 0131 | input-whitespace-treatment: | | | | | | | | | | | | | | | | |
| 0132 | input-whitespace?: | | | | | | | | | | | | | | | | |
| 0133 | punct?: | | | | | | | | | | | | | | | | |
| 0134 | drop-after-line-break?: | | | | | | | | | | | | | | | | |

**Table E.2** (*continued*)

| | | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | 2400 | 2500 | 2600 | 2601 | 2602 | 2603 | 2604 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | external-graphic | included-container-area | score | box | side-by-side | side-by-side-item | glyph-annotation | alignment-point | aligned-column | multi-line-inline-note | emphasizing-mark | math-sequence | unmath | sub-script | super-script | script |
| 0135 | drop-unless-before-line-break?: | | | | | | | | | | | | | | | | |
| 0136 | math-class: | | | | | | | | | | | | | | | | |
| 0137 | script: | | | | | | | | | | | | | | | | |
| 0138 | truncate-leader?: | | | | | | | | | | | | | | | | |
| 0139 | align-leader?: | | | | | | | | | | | | | | | | |
| 0140 | min-leader-repeat: | | | | | | | | | | | | | | | | |
| 0141 | direction: | | | | | | | | | | | | | | | | |
| 0142 | orientation: | | | | | | | | | | | | | | | | |
| 0143 | max-width: | e | | | | | | | | | | | | | | | |
| 0144 | max-height: | e | | | | | | | | | | | | | | | |
| 0145 | entity-system-id: | e | | | | | | | | | | | | | | | |
| 0146 | notation-system-id: | e | | | | | | | | | | | | | | | |
| 0147 | scale:(external-graphic) | e | | | | | | | | | | | | | | | |
| 0148 | filling-direction:(included-container...) | | e | | | | | | | | | | | | | | |
| 0149 | width:(included-container-area) | | e | | | | | | | | | | | | | | |
| 0150 | height: | | e | | | | | | | | | | | | | | |
| 0151 | contents-alignment: | | e | | | | | | | | | | | | | | |
| 0152 | overflow-action: | | e | | | | | | | | | | | | | | |
| 0153 | contents-rotation: | | e | | | | | | | | | | | | | | |

**Table E.2** (*continued*)

| | | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | 2400 | 2500 | 2600 | 2601 | 2602 | 2603 | 2604 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | external-graphic | included-container-area | score | box | side-by-side | side-by-side-item | glyph-annotation | alignment-point | aligned-column | multi-line-inline-note | emphasizing-mark | math-sequence | unmath | sub-script | super-script | script |
| 0154 | scale:(included-container-area) | | e | | | | | | | | | | | | | | |
| 0155 | score-spaces?: | | | e | | | | | | | | | | | | | |
| 0156 | type: | | | e | | | | | | | | | | | | | |
| 0157 | box-type: | | | | e | | | | | | | | | | | | |
| 0158 | box-open-end?: | | | | e | | | | | | | | | | | | |
| 0159 | background-color:(box) | | | | e | | | | | | | | | | | | |
| 0160 | background-layer:(box) | | | | e | | | | | | | | | | | | |
| 0161 | box-corner-rounded: | | | | e | | | | | | | | | | | | |
| 0162 | box-corner-radius: | | | | e | | | | | | | | | | | | |
| 0163 | box-corner-alignment | | | | e | | | | | | | | | | | | |
| 0164 | box-size-before: | | | | c | | | | | | | | | | | | |
| 0165 | box-size-after: | | | | c | | | | | | | | | | | | |
| 0166 | line-miter-limit:(box) | | | | e | | | | | | | | | | | | |
| 0167 | line-join:(box) | | | | e | | | | | | | | | | | | |
| 0168 | side-by-side-overlap-control: | | | | | e | | | | | | | | | | | |
| 0169 | side-by-side-pre-align: | | | | | | e | | | | | | | | | | |
| 0170 | side-by-side-post-align: | | | | | | e | | | | | | | | | | |
| 0171 | annotation-glyph-placement: | | | | | | | e | | | | | | | | | |

**Table E.2** (*continued*)

| | | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | 2400 | 2500 | 2600 | 2601 | 2602 | 2603 | 2604 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | external-graphic | included-container-area | score | box | side-by-side | side-by-side-item | glyph-annotation | alignment-point | aligned-column | multi-line-inline-note | emphasizing-mark | math-sequence | unmath | sub-script | super-script | script |
| 0172 | annnotation-glyph-style: | | | | | | | e | | | | | | | | | |
| 0173 | open: | | | | | | | | | | e | | | | | | |
| 0174 | close: | | | | | | | | | | e | | | | | | |
| 0175 | inline-note-line-count: | | | | | | | | | | e | | | | | | |
| 0176 | inline-note-style: | | | | | | | | | | e | | | | | | |
| 0177 | mark: | | | | | | | | | | | e | | | | | |
| 0178 | mark-distribution: | | | | | | | | | | | e | | | | | |
| 0179 | mark-style: | | | | | | | | | | | e | | | | | |
| 0180 | math-display-mode: | | | | | | | | | | | | e | | | | e |
| 0181 | glyph-alignment-mode: | | | | | | | | | | | | | e | | | |
| 0182 | script-pre-align: | | | | | | | | | | | | | | | | e |
| 0183 | script-post-align: | | | | | | | | | | | | | | | | e |
| 0184 | script-mid-sup-align: | | | | | | | | | | | | | | | | e |
| 0185 | script-mid-sub-align: | | | | | | | | | | | | | | | | e |
| 0186 | fraction-bar: | | | | | | | | | | | | | | | | |
| 0187 | numerator-align: | | | | | | | | | | | | | | | | |
| 0188 | denominator-align: | | | | | | | | | | | | | | | | |
| 0189 | radical: | | | | | | | | | | | | | | | | |

**Table E.2** (*continued*)

| | | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | 2400 | 2500 | 2600 | 2601 | 2602 | 2603 | 2604 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | external-graphic | included-container-area | score | box | side-by-side | side-by-side-item | glyph-annotation | alignment-point | aligned-column | multi-line-inline-note | empha-sizing-mark | math-sequence | unmath | sub-script | super-script | script |
| 0190 | grid-position-cell-type: | | | | | | | | | | | | | | | | |
| 0191 | grid-n-columns: | | | | | | | | | | | | | | | | |
| 0192 | grid-n-rows: | | | | | | | | | | | | | | | | |
| 0193 | grid-column-alignment: | | | | | | | | | | | | | | | | |
| 0194 | grid-row-alignment: | | | | | | | | | | | | | | | | |
| 0195 | grid-equidistant-rows?: | | | | | | | | | | | | | | | | |
| 0196 | grid-equidistant-columns?: | | | | | | | | | | | | | | | | |
| 0197 | column-number:(grid-cell) | | | | | | | | | | | | | | | | |
| 0198 | row-number: | | | | | | | | | | | | | | | | |
| 0199 | table-width: | | | | | | | | | | | | | | | | |
| 0200 | table-auto-width-method: | | | | | | | | | | | | | | | | |
| 0201 | table-border: | | | | | | | | | | | | | | | | |
| 0202 | before-row-border: | | | | | | | | | | | | | | | | |
| 0203 | after-row-border: | | | | | | | | | | | | | | | | |
| 0204 | before-column-border: | | | | | | | | | | | | | | | | |
| 0205 | after-column-border: | | | | | | | | | | | | | | | | |
| 0206 | table-corner-rounded: | | | | | | | | | | | | | | | | |
| 0207 | table-corner-radius: | | | | | | | | | | | | | | | | |

**Table E.2** (*continued*)

| | | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | 2400 | 2500 | 2600 | 2601 | 2602 | 2603 | 2604 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | external-graphic | included-container-area | score | box | side-by-side | side-by-side-item | glyph-annotation | alignment-point | aligned-column | multi-line-inline-note | emphasizing-mark | math-sequence | unmath | sub-script | super-script | script |
| 0208 | table-part-omit-middle-header?: | | | | | | | | | | | | | | | | |
| 0209 | table-part-omit-middle-footer?: | | | | | | | | | | | | | | | | |
| 0210 | column-number:(t-column,t-cell) | | | | | | | | | | | | | | | | |
| 0211 | n-columns-spanned:(t-column,t-cell) | | | | | | | | | | | | | | | | |
| 0212 | width:(table-column) | | | | | | | | | | | | | | | | |
| 0213 | n-rows-spanned: | | | | | | | | | | | | | | | | |
| 0214 | cell-before-row-margin: | | | | | | | | | | | | | | | | |
| 0215 | cell-after-row-margin: | | | | | | | | | | | | | | | | |
| 0216 | cell-before-column-margin: | | | | | | | | | | | | | | | | |
| 0217 | cell-after-column-margin: | | | | | | | | | | | | | | | | |
| 0218 | cell-row-alignment: | | | | | | | | | | | | | | | | |
| 0219 | cell-background?: | | | | | | | | | | | | | | | | |
| 0220 | background-color:(table-cell) | | | | | | | | | | | | | | | | |
| 0221 | background-layer:(table-cell) | | | | | | | | | | | | | | | | |
| 0222 | cell-before-row-border: | | | | | | | | | | | | | | | | |

**Table E.2** (*continued*)

| | | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | 2400 | 2500 | 2600 | 2601 | 2602 | 2603 | 2604 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | external-graphic | included-container-area | score | box | side-by-side | side-by-side-item | glyph-annotation | alignment-point | aligned-column | multi-line-inline-note | emphasizing-mark | math-sequence | unmath | sub-script | super-script | script |
| 0223 | cell-after-row-border: | | | | | | | | | | | | | | | | |
| 0224 | cell-before-column-border: | | | | | | | | | | | | | | | | |
| 0225 | cell-after-column-border: | | | | | | | | | | | | | | | | |
| 0226 | starts-row?: | | | | | | | | | | | | | | | | |
| 0227 | ends-row?: | | | | | | | | | | | | | | | | |
| 0228 | cell-crossed: | | | | | | | | | | | | | | | | |
| 0229 | float-out-sidelines?: | | | | | | | | | | | | | | | | |
| 0230 | float-out-marginalia?: | | | | | | | | | | | | | | | | |
| 0231 | float-out-line-numbers?: | | | | | | | | | | | | | | | | |
| 0232 | border-priority: | | | | | | | | | | | | | | | | |
| 0233 | border-alignment: | | | | | | | | | | | | | | | | |
| 0234 | border-present?: | | | | | | | | | | | | | | | | |
| 0235 | border-omit-at-break?: | | | | | | | | | | | | | | | | |
| 0236 | line-miter-limit:(table-border) | | | | | | | | | | | | | | | | |
| 0237 | line-join:(table-border) | | | | | | | | | | | | | | | | |
| 0238 | background-color:(scroll) | | | | | | | | | | | | | | | | |
| 0239 | background-layer:(scroll) | | | | | | | | | | | | | | | | |