



Information processing — Text and office systems — Standard Generalized Markup Language SGML

TECHNICAL CORRIGENDUM 1

Traitement de l'information — Systèmes bureautiques — Langage standard généralisé de balisage (SGML)

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to International Standard ISO 8879:1986 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 18, *Document processing and related communication*.

Page 155

Add the following new annex:

Annex J

(normative)

Extended Naming Rules

This annex describes an optional extension of SGML known as the "Extended Naming Rules". The extension should be used only in SGML documents for which the normal naming rules are unsuitable (usually because of the size of the natural language character set). An SGML system need not support these Extended Naming Rules in order to be a conforming SGML system.

This annex is phrased in terms of revisions to be made to the body of this International Standard. However, these revisions are applicable only when the Extended Naming Rules are in use.

To distinguish SGML declarations that use this extension from those that do not, the minimum literal in productions [171] and [200] of ISO 8879:1986 must be modified to read "ISO 8879:1986 (ENR)". To accomplish this add the following sentence to the paragraph immediately following production [171] and to the second paragraph following production [200]:

However, when extended naming rules are used, the *minimum data* must be "ISO 8879:1986 (ENR)".

The extended naming rules are as follows.

For many languages the distinction made in production [189] between uppercase and lowercase is not relevant. It is, therefore, necessary to modify clause 13.4.5 to allow for both an extended character set and for the use of character sets that do not have different cases. The changes required, in the order of their occurrence in 13.4.5, are:

1. Replace production [189] with:

```
[189] naming rules =
"NAMING", ps+,
"LCNMSTRT", (ps+, extended naming value)+,
"UCNMSTRT", (ps+, extended naming value)+,
("NAMESTRT", (ps+, extended naming value)+)?,
"LCNMCHAR", (ps+, extended naming value)+,
"UCNMCHAR", (ps+, extended naming value)+,
("NAMECHAR", (ps+, extended naming value)+)?,
"NAMECASE", ps+,
"GENERAL", ps+, ("NO" | "YES"), ps+,
"ENTITY", ps+, ("NO" | "YES")
```

2. In the "where" list change each occurrence of the phrase "in the literals (if any)" to "identified by the extended naming value (if any)"

3. Add two new keywords to the "where" list:

NAMESTRT	means that each character identified by the extended naming value (if any) has the same effect as a character appearing in both UCNMSTRT and LCNMSTRT
NAMECHAR	means that each character identified by the extended naming value (if any) has the same effect as a character appearing in both UCNMCHAR and LCNMCHAR.

4. At the end of the clause, add:

[189.1] extended naming value = *parameter literal* | *character number* | *character range*

A *character number* may be used to specify a *character* that is defined in the *syntax-reference character set* but is not permitted in an SGML declaration.

[189.2] character range = character number, ps*, minus, ps*, character number

Specifying a character range is equivalent to specifying every character number from (and including) the *character number* that starts the range to (and including) the *character number* that ends the range.

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