INTERNATIONAL STANDARD ISO 8879:1986
TECHNICAL CORRIGENDUM 2

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

TECHNICAL CORRIGENDUM 2

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

RECTIFICATIF TECHNIQUE 2

Technical Corrigendum 2 to International Standard ISO 8879:1986 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 34, *Document description and processing languages*.

All occurrences of "element declaration" in this International Standard are changed to "element type declaration".

All occurrences of "element set" in this International Standard are changed to "element type set".

Replace 4.223 with:

4.223 owner identifier: The portion of a public identifier that identifies its owner.

Note: The owner of a public identifier is not necessarily the owner of the object that it identifies.

Add the following normative annex K and informative annex L to ISO 8879.

ICS 35.240.30 **Ref. No. ISO 8879:1986/Cor.2:1999(E)**

Annex K
(normative)
Web SGML Adaptations

This annex remedies defects revealed by the multiple adaptations of SGML for the World Wide Web (WWW), intranets, and extranets. The annex corrects errors, resolves ambiguities for which there is a clear resolution that does not cause existing conforming documents to become non-conforming, and provides a choice of alternative resolutions for other ambiguities. Although motivated by the World Wide Web, applicability of this annex extends to all uses of SGML.

This annex makes reference to groves and property sets, which are defined in the SGML Extended Facilities of the 2nd Edition of HyTime (ISO/IEC 10744) and also in DSSSL (ISO/IEC 10179).

K.1 Conformance

The decision to conform to this annex is made for individual documents and is indicated in the SGML declaration, as described below (K.3.2). An SGML system need not support this annex in order to be a conforming SGML system.

This annex is organized as a set of replacement and new syntax productions and text, and is phrased in terms of modifications to be made to the body of this International Standard, though the numbers of the affected clauses are not necessarily cited. However, these modifications are applicable only when conforming to this annex.

An SGML parser that supports this annex shall be able to parse conforming SGML documents that do not claim conformance to it. The parsing of such documents must produce the same grove as would a conforming SGML parser that does not support this annex. Error reporting for such documents, however, is with respect to the standard as modified by this annex; errors with respect to the unmodified standard need not be reported.

K.2 Definitions

K.2.1 Definitions related to document type declarations

K.2.1.1 DTD declarations:

Markup declarations that occur in a document type declaration subset.

K.2.1.2 external subset:

The portion of a document type declaration subset located within the external subset entity.

K.2.1.3 internal subset:

The portion of a document type declaration subset that occurs between the dso and dsc of a document type declaration.

If the dso and dsc are omitted, the internal subset is empty (rather than non-existent).

K.2.1.4 external subset entity:

The entity that is declared by the external identifier parameter of a document type declaration and referenced (implicitly) at the end of the internal subset.

K.2.2 Definitions related to document instances

K.2.2.1 fully-declared document instance:

A document instance whose associated document type declaration contains sufficient markup declarations to express all of the DTD properties required for the instance by the body of this International Standard, and that does not contain DTD data entities that modify those properties.