



INTERNATIONAL STANDARD ISO/IEC 8824-2:2015
TECHNICAL CORRIGENDUM 1

Published 2018-09

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION
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Information technology — Abstract Syntax Notation One (ASN.1): Information object specification

Part 2:

TECHNICAL CORRIGENDUM 1

*Technologies de l'information — Notation de syntaxe abstraite numéro un (ASN.1): Spécification des objets
informationnels*

Partie 2:

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to this document was prepared by ISO/IEC JTC 1, *Information technology*, SC 6, *Telecommunications and information exchange between systems*, in collaboration with ITU-T. The identical text is published as ITU-T X.681 (05/2018).

INTERNATIONAL STANDARD ISO/IEC 8824-2
RECOMMENDATION ITU-T X.681

Information technology – Abstract Syntax Notation One (ASN.1):
Information object specification

Technical Corrigendum 1

Summary

Technical corrigendum 1 to Rec. ITU-T X.681 | ISO/IEC 8824-2 provides corrections to which words cannot be used as literals.

History

Edition	Recommendation	Approval	Study Group	Unique ID*
1.0	ITU-T X.681	1994-07-01	7	11.1002/1000/3042
1.1	ITU-T X.681 (1994) Amd. 1	1995-04-10	7	11.1002/1000/3043
2.0	ITU-T X.681	1997-12-12	7	11.1002/1000/4444
2.1	ITU-T X.681 (1997) Technical Cor. 1	1999-06-18	7	11.1002/1000/4702
2.2	ITU-T X.681 (1997) Amd. 1	1999-06-18	7	11.1002/1000/4701
2.3	ITU-T X.681 (1997) Amd. 2	2001-10-29	7	11.1002/1000/5564
3.0	ITU-T X.681	2002-07-14	17	11.1002/1000/6086
3.1	ITU-T X.681 (2002) Amd. 1	2003-10-29	17	11.1002/1000/7020
3.2	ITU-T X.681 (2002) Technical Cor. 1	2006-06-13	17	11.1002/1000/8837
3.3	ITU-T X.681 (2002) Technical Cor. 2	2007-05-29	17	11.1002/1000/9106
4.0	ITU-T X.681	2008-11-13	17	11.1002/1000/9605
4.1	ITU-T X.681 (2008) Cor. 1	2011-10-14	17	11.1002/1000/11377
5.0	ITU-T X.681	2015-08-13	17	11.1002/1000/12480
5.1	ITU-T X.681 (2015) Cor. 1	2018-05-14	17	11.1002/1000/13599

* To access the Recommendation, type the URL <http://handle.itu.int/> in the address field of your web browser, followed by the Recommendation's unique ID. For example, <http://handle.itu.int/11.1002/1000/11830-en>.

FOREWORD

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The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

NOTE

In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

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As of the date of approval of this Recommendation, ITU had not received notice of intellectual property, protected by patents, which may be required to implement this Recommendation. However, implementers are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database at <http://www.itu.int/ITU-T/ipr/>.

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INTERNATIONAL STANDARD
ITU-T RECOMMENDATIONInformation technology – Abstract Syntax Notation One (ASN.1):
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Technical Corrigendum 1

Conventions used in this corrigendum: Original, unchanged, text is in normal font. Deleted text is struck-through, thus: ~~deleted text~~. Inserted text is underlined, thus: inserted text.

1 Clause 10.6

Replace clause 10.6 with:

10.6 A "word" token used as a "Literal" shall not be one of the following:

ABSTRACT-SYNTAX
 BIT
 BOOLEAN
 CHARACTER
 CHOICE
CONTAINING
 DATE
 DATE-TIME
 DURATION
 EMBEDDED
 END
 ENUMERATED
 EXTERNAL
 FALSE
 INSTANCE
 INTEGER
INTERSECTION
 MINUS-INFINITY
NOT-A-NUMBER
 NULL
 OBJECT
 OCTET
OID-IRI
 PLUS-INFINITY
 REAL
 RELATIVE-OID
RELATIVE-OID-IRI
 SEQUENCE
 SET
 TIME
 TIME-OF-DAY
 TRUE
TYPE-IDENTIFIER
 UNION

NOTE – This list comprises only and all those ASN.1 reserved words which can appear as the first lexical item of a "Type", "Value", "ValueSet", "Object" or "ObjectSet", and also the reserved word **END**. Use of other ASN.1 reserved words does not cause ambiguity and is permitted. Where the defined syntax is used in an environment in which a "word" is also a "typereference" or "objectsetreference", the use as a "word" takes precedence.