



INTERNATIONAL STANDARD ISO/IEC 8824-3:2015
TECHNICAL CORRIGENDUM 2

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): Constraint specification

Part 3:

TECHNICAL CORRIGENDUM 2

Technologies de l'information — Notation de syntaxe abstraite numéro un (ASN.1): Spécification des contraintes
Partie 3:

RECTIFICATIF TECHNIQUE 2

Technical Corrigendum 2 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.682 (05/2018).

INTERNATIONAL STANDARD ISO/IEC 8824-3
RECOMMENDATION ITU-T X.682Information technology – Abstract Syntax Notation One (ASN.1):
Constraint specification

Technical Corrigendum 2

Summary

Technical corrigendum 2 to Rec. ITU-T X.682 | ISO/IEC 8824-3 removes the restriction added in 2008 forbidding white space in AtNotation.

History

Edition	Recommendation	Approval	Study Group	Unique ID*
1.0	ITU-T X.682	1994-07-01	7	11.1002/1000/3044
2.0	ITU-T X.682	1997-12-12	7	11.1002/1000/4445
2.1	ITU-T X.682 (1997) Technical Cor. 1	2000-03-31	7	11.1002/1000/5047
2.2	ITU-T X.682 (1997) Technical Cor. 2	2001-02-02	7	11.1002/1000/5334
2.3	ITU-T X.682 (1997) Technical Cor. 3	2001-03-15	7	11.1002/1000/5434
3.0	ITU-T X.682	2002-07-14	17	11.1002/1000/6087
4.0	ITU-T X.682	2008-11-13	17	11.1002/1000/9606
4.1	ITU-T X.682 (2008) Cor. 1	2014-03-01	17	11.1002/1000/12145
5.0	ITU-T X.682	2015-08-13	17	11.1002/1000/12481
5.1	ITU-T X.682 (2015) Cor. 1	2017-10-14	17	11.1002/1000/13362
5.2	ITU-T X.682 (2015) Cor. 2	2018-05-14	17	11.1002/1000/13600

* 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
RECOMMENDATION ITU-T**Information technology – Abstract Syntax Notation One (ASN.1):
Constraint specification****Technical Corrigendum 2**

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 10.7

Replace clause 10.7 with:

10.7 A component relation constraint is applied using the associated table of an information object set and the following production:

ComponentRelationConstraint ::=
 "{" DefinedObjectSet "}" "{" AtNotation "," + "}"

AtNotation ::=
 "@" ComponentIdList |
 "@" & "." & Level ComponentIdList

Level ::= "." & Level | empty

ComponentIdList ::= identifier "." +

2 Annex B

Replace the ATNotation production with:

AtNotation ::= "@" ComponentIdList | "@" __ "." Level ComponentIdList