ITU-T

TELECOMMUNICATION STANDARDIZATION SECTOR OF ITU X.681 Corrigendum 1 (06/2006)

SERIES X: DATA NETWORKS, OPEN SYSTEM COMMUNICATIONS AND SECURITY

OSI networking and system aspects – Abstract Syntax Notation One (ASN.1)

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

Technical Corrigendum 1

ITU-T Recommendation X.681 (2002) – Technical Corrigendum 1



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

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

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Summary

This Technical Corrigendum addresses a defect in ITU-T Rec. X.681 | ISO/IEC 8824-2 that was identified when resolving ballot comments on ITU-T Rec. X.680 (2002)/Amd.3 | ISO/IEC 8824-1:2002/Amd.3 (time types amendment).

The time types amendment has (*inter alia*) added new built-in type reference names to ITU-T Rec. X.680 | ISO/IEC 8824-1, but there is a copy of built-in ASN.1 type reference names in ITU-T Rec. X.681 | ISO/IEC 8824-2, 10.6, preventing the use of such names as a "Literal" in order to avoid ambiguity. This list needs to be updated to include the new built-in time type reference names.

This Technical Corrigendum updates the list in ITU-T Rec. X.681 | ISO/IEC 8824-2, 10.6, and also corrects a cross-reference to ITU-T Rec. X.680 | ISO/IEC 8824-1 which was also noted to be in error.

Source

Corrigendum 1 to ITU-T Recommendation X.681 (2002) was approved on 13 June 2006 by ITU-T Study Group 17 (2005-2008) under the ITU-T Recommendation A.8 procedure. An identical text is also published as Technical Corrigendum 1 to ISO/IEC 8824-2.

FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications. The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of ITU. ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

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, implementors are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database.

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

Technical Corrigendum 1

1) Clause 10.6

Add the following "word" tokens to the list in 10.6, in their alphabetical position:

DATE
DATE-TIME
DURATION
TIME
TIME-OF-DAY

2) Clause 7.9

Change the reference in 7.9 from:

ITU-T Rec. X.680 | ISO/IEC 8824-1, 11.2

to:

ITU-T Rec. X.680 | ISO/IEC 8824-1, 11.2.1

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