INTERNATIONAL STANDARD ISO/IEC 8824-1

**Draft Recommendation ITU-T X.680rev**

Information technology –  
Abstract Syntax Notation One (ASN.1):  
Specification of basic notation

**Summary**

Recommendation ITU-T X.680 | ISO/IEC 8824-1 provides a notation called Abstract Syntax Notation One (ASN.1) for defining the syntax of information data. It defines a number of simple data types and specifies a notation for referencing these types and for specifying values of these types.

The ASN.1 notations can be applied whenever it is necessary to define the abstract syntax of information without constraining in any way how the information is encoded for transmission.

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