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

AMENDMENT 1: ASN.1 semantic model

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

AMENDEMENT 1: Modèle sémantique ASN.1

[ISO/IEC 8824-2:1998/Amd.1:2000](https://standards.iso.org/iso-iec-8824-2:1998/Amd.1:2000)

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Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this Amendment may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

Amendment 1 to International Standard ISO/IEC 8824-2:1998 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 6, *Telecommunications and information exchange between systems*, in collaboration with ITU-T. The identical text is published as ITU-T Rec. X.681/Amd.1.

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INTERNATIONAL STANDARD

ITU-T RECOMMENDATION

**INFORMATION TECHNOLOGY –
ABSTRACT SYNTAX NOTATION ONE (ASN.1):
INFORMATION OBJECT SPECIFICATION**

**AMENDMENT 1
ASN.1 semantic model**

1) Subclause 3.4

Add the definition 3.4.6 bis as follows:

3.4.6 bis governing; governor (class): An information object class definition or reference which affects the interpretation of a part of the ASN.1 syntax, requiring it to reference information objects of the governor class.

2) New subclause 8.1 bis

Add a new subclause after 8.1 as follows:

8.1 bis References to information objects, or information object sets, are controlled by a governor class. It is a requirement that the referenced information object and the information objects in the referenced information object set shall be of the governor class. There is no equivalent of "value mappings" specified for information objects, so the above statement means that the information object or information object set must have been defined using the same information object class reference as is used as the governor (or one obtained from it by simple reference assignment). Two identical (but textually distinct) instances of the information object class notation do **NOT** identify the same information object class for the purposes of this requirement.

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