

ISO/IEC 8824-2:2008-12 (E)

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

CONTENTS

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
2.1 Identical Recommendations International Standards	1
3 Definitions	1
3.1 Specification of basic notation	1
3.2 Constraint specification	1
3.3 Parameterization of ASN.1 specification	1
3.4 Additional definitions	2
4 Abbreviations	3
5 Convention	3
6 Notation	3
6.1 Assignments	3
6.2 Types	3
6.3 Values	4
6.4 Elements	4
7 ASN.1 lexical items	4
7.1 Information object class references	4
7.2 Information object references	4
7.3 Information object set references	4
7.4 Type field references	4
7.5 Value field references	5
7.6 Value set field references	5
7.7 Object field references	5
7.8 Object set field references	5
7.9 Word	5
7.10 Additional keywords	5
8 Referencing definitions	5
9 Information object class definition and assignment	6
10 Syntax List	10
11 Information object definition and assignment	12
12 Information object set definition and assignment	14
13 Associated tables	15
14 Notation for the object class field type	16
15 Information from objects	18
Annex A – The TYPE-IDENTIFIER information object class	21
Annex B – Abstract syntax definitions	22
Annex C – The instance-of type	23
Annex D – Examples	25
D.1 Example usage of simplified OPERATION class	25
D.2 Example usage of "ObjectClassFieldType"	26
D.3 Illustrate usage of objects and object sets	26
Annex E – Tutorial annex on the ASN.1 model of object set extension	28
Annex F – Summary of the notation	29