

ISO/IEC 19583-26:2026-04 (E)

Information technology - Concepts and usage of metadata - Part 26: XML for representation of ISO/IEC 11179-3:2013 content

Contents	Page
Foreword.....	iv
Introduction.....	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
3.1 General computing terms.....	1
3.2 Terms relating to XML Schema and RDF.....	2
4 Conformance	2
4.1 Overview of conformance.....	2
4.2 Degree of conformance.....	3
4.2.1 General.....	3
4.2.2 Strictly conforming implementations.....	3
4.2.3 Conforming implementations.....	3
5 Use cases, modelling principles and mapping conventions	3
5.1 General.....	3
5.2 Directionality and indirection of relationships.....	4
5.3 Schema documents.....	4
5.4 Schema style.....	5
5.5 Schema conventions.....	5
6 Overview of ISO/IEC 11179-3:2013 Representation in XML Schema	5
6.1 General.....	5
6.2 Basic Types metamodel region (ISO/IEC 11179-3:2013, 6.2).....	6
6.3 Basic Classes metamodel region (ISO/IEC 11179-3:2013, 6.3).....	6
6.4 Identification metamodel region (ISO/IEC 11179-3:2013, 7.2).....	6
6.5 Designation and Definition metamodel region (ISO/IEC 11179-3:2013, Clause 7).....	6
6.6 Registration metamodel region (ISO/IEC 11179-3:2013, Clause 8).....	6
6.7 Concepts package (ISO/IEC 11179-3:2013, Clause 9), Binary Relations package (ISO/IEC 11179-3:2013, Clause 10).....	6
6.8 Metadata Item Type.....	7
6.9 Data Description package (ISO/IEC 11179-3:2013, Clause 11).....	7
6.9.1 General.....	7
6.9.2 Measurement metamodel region (ISO/IEC 11179-3:2013, 11.4).....	7
6.9.3 Data Element Concept metamodel region (ISO/IEC 11179-3:2013, 11.2).....	7
6.9.4 Conceptual and Value Domain metamodel region (ISO/IEC 11179-3:2013, 11.3).....	8
6.9.5 Data_Element metamodel region (ISO/IEC 11179-3:2013, 11.5).....	8
6.10 ISO/IEC 11179-3:2013 Message and Database Schema.....	8
Annex A (informative) Summary of differences between ISO/IEC 11179-3:2013 and ISO/IEC 11179-3:2023, ISO/IEC 11179-31:2023 and ISO/IEC 11179-32:2023	9
Annex B (normative) Common Facilities Schema	13
Annex C (normative) ‘Four Corners’ Schema	34
Annex D (normative) Message Schema	43
Annex E (informative) Example Database Schema	46
Annex F (informative) Class, attribute and relation name correspondence	48
Bibliography	50