

ISO/IEC 11179-34:2024-05 (E)

Information technology - Metadata registries (MDR) - Part 34: Metamodel for computable data registration

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Abbreviated terms	2
5	Conformance	2
5.1	Overview of conformance	2
5.2	Degree of conformance	2
5.2.1	General	2
5.2.2	Strictly conforming implementations	2
5.2.3	Conforming implementations	2
5.3	Conformance by feature	3
5.4	Registry conformance	3
5.4.1	Standard registry profiles	3
5.4.2	Conformance labels	3
5.5	Implementation conformance statement (ICS)	3
5.6	Obligation	3
6	Relationship to ISO/IEC 11179-3	4
6.1	Metamodel for a metadata registry	4
6.2	Specification of the metamodel	4
6.3	Use of UML class diagrams and textual description	4
6.4	Package dependencies	5
7	Computable_Data package	5
7.1	Overview of the Computable_Data package	5
7.2	Computable_Data metamodel region	6
7.2.1	Overview of the Computable_Data metamodel region	6
7.2.2	Classes in the Computable_Data metamodel region	8
7.2.3	Associations in the Computable_Data metamodel region	22
7.2.4	Datatypes in the Computable_Data metamodel region	24
Annex A (informative)	Mapping between IEEE 2791-2020 and this document	26
Annex B (normative)	Consolidated Class Hierarchy	31
Annex C (informative)	Examples of computable data registration	32
Bibliography		41