

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 |