

Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms, definitions and abbreviated terms
4	Conformance
4.1	Conformance class overview
4.2	Vocabulary cross-mapping methodology conformance class
4.3	Vocabulary cross-map registers conformance class
5	Principles for cross-mapping of vocabularies
6	Vocabulary cross-mapping methodology
6.1	Introduction
6.2	Governance framework stage
6.3	Reference vocabulary stage
6.4	Cross-mapping stage
6.4.1	Overview
6.4.2	Identification of candidate vocabulary entries
6.4.3	Term comparison
6.4.4	Domain specification
6.4.5	Concept comparison
6.5	Documentation and publication stage
7	Cross-map register
7.1	Overview
7.2	Register management
7.2.1	Register stakeholder general requirements
7.2.2	Register owner
7.2.3	Register manager
7.2.4	Submitting organizations or communities
7.2.5	Management of registers
7.3	Register schema
7.3.1	Introduction
7.3.2	Packages
7.3.3	Vocabulary cross-map register schema
7.3.4	CrossMapRegister class
7.3.5	CrossMapRegisterItem class
7.3.6	ReferenceVocabularyEntry class
7.3.7	OperatingVocabularyEntry class
7.3.8	CrossMapAddition class
7.3.9	CrossMapAmendment class
7.3.10	CrossMapClarification class
7.3.11	CrossMapSubregisterDescription class
7.3.12	TermRelationship enumeration
7.3.13	ConceptRelationship enumeration
Annex A	(normative) Abstract test suite
A.1	Vocabulary cross-mapping methodology conformance class

A.1.1	Governance framework stage
A.1.2	Reference vocabulary stage
A.1.3	Cross-mapping stage — Term comparison
A.1.4	Cross-mapping stage — Domain allocation
A.1.5	Cross-mapping stage — Concept comparison
A.1.6	Documentation and publication stage — Documentation
A.1.7	Documentation and publication stage — Publication
A.2	Vocabulary cross-mapping register conformance class
A.2.1	Register management
A.2.2	Register schema
Annex B (informative) Terminology and domains	
B.1	Concepts, definitions and terms
B.2	Concept systems
B.3	Domains, uniqueness and cross-mapping
Annex C (informative) Cross-mapping examples	
C.1	Relationship combinations
C.2	Examples
Annex D (informative) Backward compatibility	
D.1	Background
D.2	Backward compatibility statement
D.3	Backward compatibility for vocabulary cross-mapping methodology
D.4	Backward compatibility for cross-map register schema
D.4.1	Schemas and dependencies
D.4.1.1	Schema specified in ISO 19146:2010
D.4.1.2	Schema specified in Clause 7 of this document
D.4.1.3	Backward compatibility between ISO 19135:2005 and ISO 19135-1:2015
D.4.1.4	Backward compatibility between packages Terminology Register and Term Cross Map
D.4.2	TR_TermRegister
D.4.3	TR_TermInstance
D.4.4	TR_TermSubregisterDescription
D.4.5	TR_TermCrossMap
D.4.6	TR_Domain
D.4.7	TR_SubregisterType
D.4.8	TR_TermRelationship
D.4.9	TR_ConceptRelationship
D.5	Informative content