

ISO 19155-2:2017-08 (E)

Geographic information - Place Identifier (PI) architecture - Part 2: Place Identifier (PI) linking

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Abbreviated terms	2
4.1	Abbreviated terms	2
4.2	UML Notation	3
4.3	Backward compatibility	3
5	Conformance	3
5.1	General	3
5.2	Linking mechanism: gml:id	3
5.3	Linking mechanism: UUID	3
5.4	Linking mechanism: URL	3
6	Place Identifier (PI) concept	4
6.1	General	4
6.2	PI structure	4
7	PI linking	4
7.1	Overview	4
7.2	PI linking directionality	5
7.3	PI linking model	7
8	PI linking mechanisms	7
8.1	Overview	7
8.2	Linking mechanism: gml:id	8
8.2.1	Overview	8
8.2.2	Linking from a PI	8
8.2.3	Linking to a PI	8
8.2.4	Instance examples using gml:id	8
8.3	Linking mechanism: UUID	9
8.4	Linking mechanism: URL	9
Annex A (normative) Abstract test suite		10
Annex B (normative) Encoding using gml:id to link with GML		11
Annex C (normative) Encoding using gml:id to link with GML application schemas		16
Annex D (normative) Encoding using UUID for linking		19
Annex E (normative) Encoding using URL for linking		21
Annex F (informative) Use case examples		22

Annex G (informative) RDF examples of linking PIs	27
Bibliography	34