DIN EN ISO 21597-2:2021-07 (E)

Information container for linked document delivery - Exchange specification - Part 2: Link types (ISO 21597-2:2020)

Contents

Page

European foreword ... **3**

Foreword ... **4**

Introduction ... **5**

1 Scope ... **6**

2 Normative references ... **6**

3 Terms and definitions ... **6**
3.1 Terms and definitions ... 6
3.2 Abbreviated terms ... 6

4 Specifications ... **7**
4.1 Use of RDF, RDFS and OWL constructs ... 7
4.2 Symbols and notation ... 7
4.3 Container structure ... 7
4.4 Link types ... 8
4.4.1 Overview ... 8
4.4.2 Categories of link types ... 8
4.4.3 Summary of the specified link types ... 10

5 Link type description and usage ... **10**
5.1 General ... 10
5.2 Identity ... 11
5.3 Conflict ... 11
5.4 Alternative ... 12
5.5 Specialization ... 12
5.6 Aggregation ... 13
5.7 Membership ... 13
5.8 Replacement ... 14
5.9 Elaboration ... 14
5.10 Control ... 15

6 Conformance requirements ... **15**
6.1 Overview ... 15
6.2 General conformance requirements ... 15

Annex A (informative) **Use cases** ... **16**

Annex B (informative) **How to validate with SHACL** ... **21**

Annex C (normative) **Extended Linkset ontology** ... **25**