

DIN EN ISO 12006-3:2022-10 (E)

Building construction - Organization of information about construction works - Part 3: Framework for object-oriented information (ISO 12006-3:2022); English version EN ISO 12006-3:2022

Contents

	Page
Foreword	v
Introduction	vi
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Language encoding	2
5 Specification	2
5.1 General.....	2
5.2 EXPRESS-G specification.....	3
5.3 EXPRESS specification.....	7
5.3.1 General	7
5.3.2 xtdDateTime	7
5.3.3 xtdUUID	7
5.3.4 xtdDataTypeEnum	7
5.3.5 xtdExternalStatusEnum	8
5.3.6 xtdInternalStatusEnum	8
5.3.7 xtdNatureOfChangeEnum	9
5.3.8 xtdPropertyRelationshipTypeEnum	9
5.3.9 xtdRelationshipKindEnum	10
5.3.10 xtdRoleEnum	10
5.3.11 xtdStatusOfActivationEnum	10
5.3.12 xtdUnitBaseEnum	11
5.3.13 xtdUnitScaleEnum	11
5.3.14 xtdChangeRequest	11
5.3.15 xtdConcept	12
5.3.16 xtdCountry	13
5.3.17 xtdDictionary	13
5.3.18 xtdDimension	13
5.3.19 xtdExpert	14
5.3.20 xtdExpertWithStatus	14
5.3.21 xtdExternalDocument	15
5.3.22 xtdFilter	15
5.3.23 xtdInterval	16
5.3.24 xtdLanguage	16
5.3.25 xtdMedia	17
5.3.26 xtdMultiLanguageText	17
5.3.27 xtdObject	18
5.3.28 xtdOrderedValue	19
5.3.29 xtdProperty	19
5.3.30 xtdQuantityKind	20
5.3.31 xtdRational	21
5.3.32 xtdRelationshipToProperty	21
5.3.33 xtdRelationshipToSubject	21

5.3.34	xtdRelationshipType	22
5.3.35	xtdRoot.....	22
5.3.36	xtdSubdivision.....	23
5.3.37	xtdSubject.....	23
5.3.38	xtdSymbol.....	24
5.3.39	xtdText.....	24
5.3.40	xtdUnit.....	24
5.3.41	xtdUser.....	25
5.3.42	xtdUserWithRoles	25
5.3.43	xtdValue.....	26
5.3.44	xtdValueList.....	26
5.3.45	xtdVisualRepresentation	27
6	Application programming interface (API).....	27
7	XML representations	27
Annex A (normative) EXPRESS long form specification	28	
Annex B (normative) Application programming interface specification	29	
Annex C (informative) UML representation	30	
Annex D (informative) XSD representation of the schema	33	
Annex E (informative) Naming conventions	34	
Annex F (informative) Examples	35	
Bibliography	43	