
**Building construction — Organization
of information about construction
works —**

**Part 3:
Framework for object-oriented
information**

*Construction immobilière — Organisation de l'information des
travaux de construction —*

Partie 3: Schéma pour l'information basée sur l'objet





COPYRIGHT PROTECTED DOCUMENT

© ISO 2022

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

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