
**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



Reference number
ISO 12006-3:2007(E)

PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.



COPYRIGHT PROTECTED DOCUMENT

© ISO 2007

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents

Page

Foreword.....	v
Introduction	vi
1 Scope	1
2 Normative references	1
3 Language encoding	1
4 Specification.....	1
4.1 General.....	1
4.2 EXPRESS-G specification.....	2
4.3 EXPRESS specification	9
4.3.1 xtdDate	9
4.3.2 xtdGlobalUniqueID.....	9
4.3.3 xtdLabel	10
4.3.4 xtdText	10
4.3.5 xtdVersionID	10
4.3.6 xtdToleranceTypeEnum	10
4.3.7 xtdValueRoleEnum	11
4.3.8 xtdValueTypeEnum.....	11
4.3.9 xtdActivity.....	12
4.3.10 xtdActor	12
4.3.11 xtdBag	12
4.3.12 xtdCollection	13
4.3.13 xtdDescription.....	13
4.3.14 xtdExternalDocument.....	13
4.3.15 xtdLanguage.....	14
4.3.16 xtdLanguageRepresentation	14
4.3.17 xtdMeasureWithUnit	15
4.3.18 xtdName	15
4.3.19 xtdNest.....	16
4.3.20 xtdObject	16
4.3.21 xtdProperty.....	16
4.3.22 xtdRelActsUpon	17
4.3.23 xtdRelAssignsCollections	17
4.3.24 xtdRelAssignsMeasures	17
4.3.25 xtdRelAssignsProperties	18
4.3.26 xtdRelAssignsPropertyWithValues.....	18
4.3.27 xtdRelAssignsUnits	19
4.3.28 xtdRelAssignsValues	19
4.3.29 xtdRelAssociates	20
4.3.30 xtdRelCollects	20
4.3.31 xtdRelComposes.....	21
4.3.32 xtdRelDocuments	21
4.3.33 xtdRelGroups	21
4.3.34 xtdRelSequences	22
4.3.35 xtdRelSpecializes.....	22
4.3.36 xtdRelationship	23
4.3.37 xtdRoot	23
4.3.38 xtdSubject.....	24
4.3.39 xtdUnit.....	25
4.3.40 xtdValue	25
4.4 EXPRESS long form specification	26

Annex A (informative) **Naming conventions** **31**

Bibliography **32**