
**Language resource management —
Lexical markup framework (LMF) —**

**Part 2:
Machine-readable dictionary (MRD)
model**

*Gestion des ressources linguistiques — Cadre de balisage lexical
(LMF) —*

Partie 2: Modèle de dictionnaire lisible par ordinateur (MRD)





COPYRIGHT PROTECTED DOCUMENT

© ISO 2020

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	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Key standards used by LMF	1
5 The machine-readable dictionary (MRD) model	1
5.1 General	1
5.2 MRD class model	2
5.2.1 Set of classes	2
5.2.2 Class selection and multiplicity	2
5.2.3 Generalization	3
5.2.4 Object realization	3
5.3 Data category selection and class population	3
5.4 CrossREF allocation	3
5.5 Form subclasses	4
5.5.1 WordForm class	4
5.5.2 Lemma class	4
5.5.3 Stem class	4
5.5.4 WordPart class	4
5.5.5 RelatedForm class	4
5.6 FormRepresentation class	4
5.7 TextRepresentation class	5
5.8 Translation class	5
5.9 Example class	5
5.10 SubjectField class	5
5.11 Bibliography class	5
5.12 Multiword Expression (MWE) Analysis	6
Annex A (informative) Data category examples	7
Annex B (informative) Machine-readable dictionary examples	9
Bibliography	21