



National Standards Authority of Ireland

IRISH STANDARD

**I.S. CEN/TR 15212:2006**

ICS 01.040.35  
35.240.80

**HEALTH INFORMATICS - VOCABULARY -  
MAINTENANCE PROCEDURE FOR A  
WEB-BASED TERMS AND CONCEPTS  
DATABASE**

National Standards  
Authority of Ireland  
Glasnevin, Dublin 9  
Ireland

Tel: +353 1 807 3800  
Fax: +353 1 807 3838  
<http://www.nsai.ie>

**Sales**  
<http://www.standards.ie>

*This Irish Standard was  
published under the  
authority of the National  
Standards Authority of  
Ireland and comes into  
effect on:*

*20 November 2006*

**NO COPYING WITHOUT NSAI  
PERMISSION EXCEPT AS  
PERMITTED BY COPYRIGHT  
LAW**

© NSAI 2006

**Price Code H**

Údarás um Chaighdeáin Náisiúnta na hÉireann



TECHNICAL REPORT  
RAPPORT TECHNIQUE  
TECHNISCHER BERICHT

**CEN/TR 15212**

October 2006

ICS 01.040.35; 35.240.80

Supersedes ENV 12017:1997

English Version

**Health informatics - Vocabulary - Maintenance procedure for a  
web-based terms and concepts database**

Informatique de santé - Vocabulaire Informatique Médical -  
Procédure de maintenance

Medizinische Informatik - Vokabular - Verfahren zur Pflege  
von webbasierten Datenbanken für Benennungen und  
Begriffe

This Technical Report was approved by CEN on 8 August 2005. It has been drawn up by the Technical Committee CEN/TC 251.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**Management Centre: rue de Stassart, 36 B-1050 Brussels**

## CEN/TR 15212:2006 (E)

<b>Contents</b>		<b>Page</b>
<b>Foreword</b> .....		<b>3</b>
<b>Introduction</b> .....		<b>4</b>
<b>1 Scope</b> .....		<b>5</b>
<b>2 Abbreviations</b> .....		<b>5</b>
<b>3 Strategy for defining a Terms and Concepts database</b> .....		<b>5</b>
<b>4 General requirements on a language for notation of concept models</b> .....		<b>6</b>
<b>5 Proposal for a CEN/TC 251 Terms and Concepts database</b> .....		<b>9</b>
<b>Annex A</b> .....		<b>11</b>
<b>Annex B A semantic model for terminology (semantic meta model)</b> .....		<b>18</b>
<b>Annex C Explanatory comments to Figure 1</b> .....		<b>20</b>
<b>Annex D Definitions of concepts for healthcare, from a healthcare record perspective</b> .....		<b>21</b>

## **Foreword**

This Technical Report (CEN/TR 15212:2006) has been prepared by Technical Committee CEN/TC 251 "Health Informatics", the secretariat of which is held by NEN.

This document supersedes ENV 12017:1997.

## **CEN/TR 15212:2006 (E)**

### **Introduction**

The need for a coherent and precise terminology in health informatics is obvious. The overall problem of supplying concept systems and reference terminologies with international scope for all of healthcare information is gigantic but is approached by different organisations and strategies where formal standardization aims for a facilitating role.

This document addresses the much more limited problem of the terminology of informatics and in particular the terminology used in health informatics standards. Vocabulary harmonisation across standards in the field is an important quality requirement and with the growing complexity of health informatics, easy to use tools are needed to manage this. We have to accept that in some aspects terminology and definitions of the associated concepts are developing over time. It is therefore important for the vocabulary to be continuously updated with new terms and unambiguous definitions with references to the normative documents where they are approved.

In ENV 12017 a procedure was described in which a published standard would regularly be issued with the most recent terminology. Given the fast development and requirement for easy access, CEN/TC 251 decided in March 2000 to instead target a freely available database with web access, which would present the terms and definitions of the CEN/TC 251 standards. The intended capacity to present concept models graphically when available, together with the traditional verbal definitions, makes it extra valuable.

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

- 
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
  - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-