

**Geographic information - Data description -
Rules for application schemas**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-ENV 13376:2000 sisaldab Euroopa standardi ENV 13376:1999 ingliskeelset teksti. Käesolev dokument on jõustatud 11.01.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-ENV 13376:2000 consists of the English text of the European standard ENV 13376:1999. This document is endorsed on 11.01.2000 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.
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Käsitlusala:	Scope: This European prestandard gives the rules for using the Geographic Information European prestandards and the data description techniques for developing applications for geographic information.
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ICS 07.040; 35.240.70

Võtmesõnad:

ICS 07.040; 35.240.70

English version

Geographic information - Data description - Rules for application schemas

Information géographique - Description des données -
Règles pour les schémas d'application

Geoinformation - Databeschreibung - Regeln für
Anwendungsschemata

This European Prestandard (ENV) was approved by CEN on 26 April 1999 as a prospective standard for provisional application.

The period of validity of this ENV is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the ENV can be converted into a European Standard.

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

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Foreword

This European Prestandard has been prepared by Technical Committee CEN/TC 287 "Geographic Information", the secretariat of which is held by AFNOR.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this European Prestandard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This European Prestandard gives the rules for using the Geographic Information European Prestandards and the data description techniques for developing applications for geographic information.

The scope of this European Prestandard includes the following aspects :

- how to define entities and their properties in an application schema ;
- how to integrate the standardised schemas (spatial schema, quality schema, direct position schema, geographic identifiers schema) with the semantic schema into a full application schema.

The following aspects are beyond the scope of this European Prestandard :

- development of metadata schema ;
- representation of contents of an application schema as metadata ;
- practical development methods for modelling ;
- definition of any particular application schema, and
- the mapping between internal schemas and the agreed application schema specification of rules necessary for using ENV 12658.

2 Normative references

This European Prestandard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Prestandard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 28601:1992, *Data elements and interchange formats – Information interchange – Representation of dates and times.*

ENV 12009:1997, *Geographic information - Reference Model.*

ENV 12160:1997, *Geographic information - Data description - Spatial schema.*

ENV 12656:1998, *Geographic information - Data description – Quality.*

ENV 12657:1998, *Geographic information - Data description – Metadata.*

ENV 12658:1998 *Geographic information - Data description – Transfer.*

ENV 12661:1998, *Geographic information - Referencing - Geographic identifiers.*

ENV 12762:1998, *Geographic information - Referencing – Direct position.*

ENV ISO 10303-11:1995, *Industrial automation systems and integration – Product data representation and exchange – Part 11 : Description methods : The EXPRESS language reference manual.*

ENV ISO 10303-41:1994, *Industrial automation systems and integration – Product data representation and exchange – Part 41 : Integrated generic resources : Fundamentals of product description and support.*