
**Information technology — Multimedia
content description interface —**

**Part 5:
Multimedia description schemes**

**AMENDMENT 3: Improvements
to geographic descriptor**

*Technologies de l'information — Interface de description du contenu
multimédia —*

Partie 5: Schémas de description multimédia

AMENDEMENT 3: Améliorations au descripteur géographique

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/IEC 2008

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

Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

Amendment 3 to ISO/IEC 15938-5:2003 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

This Amendment provides the ability to define a geographical position with one or more Points, the ability to provide an accuracy value related to the Points and the ability to define the type of GeographicPosition Point details.

STANDARDSISO.COM : Click to view the full PDF of ISO/IEC 15938-5:2003/Amd 3:2008

Information technology — Multimedia content description interface —

Part 5: Multimedia description schemes

AMENDMENT 3: Improvements to geographic descriptor

In 7.6.2.2, replace schema definition by the following schema text:

```

<!-- ##### -->
<!-- Definition of Place DS (7.5.2) -->
<!-- ##### -->
<!-- Definition of Place DS -->
<complexType name="PlaceType">
  <complexContent>
    <extension base="mpeg7:DSType">
      <sequence>
        <element name="Name" type="mpeg7:TextualType"
          minOccurs="0" maxOccurs="unbounded"/>
        <element name="NameTerm" type="mpeg7:ControlledTermUseType"
          minOccurs="0" maxOccurs="unbounded"/>
        <element name="Role" type="mpeg7:TermUseType"
          minOccurs="0"/>
        <element name="GeographicPosition" minOccurs="0">
          <complexType>
            <sequence>
              <element name="Point" type="mpeg7:GeographicPointType"
                minOccurs="0" maxOccurs="unbounded"/>
            </sequence>
            <attribute name="datum" type="string" use="optional"/>
            <attribute name="accuracy" type="float" use="optional"/>
            <attribute name="type" use="optional" default="point">
              <simpleType>
                <restriction base="NMTOKEN">
                  <enumeration value="area"/>
                  <enumeration value="route"/>
                  <enumeration value="point"/>
                </restriction>
              </simpleType>
            </attribute>
          </complexType>
        </element>
        <element name="AstronomicalBody" type="mpeg7:TermUseType"
          minOccurs="0" maxOccurs="unbounded"/>
        <element name="Region" type="mpeg7:regionCode"
          minOccurs="0" maxOccurs="unbounded"/>
        <element name="AdministrativeUnit"
          minOccurs="0" maxOccurs="unbounded"/>
      </sequence>
    </extension>
  </complexContent>
</complexType>

```

```

<complexType>
  <simpleContent>
    <extension base="string">
      <attribute name="type" type="string" use="optional"/>
    </extension>
  </simpleContent>
</complexType>
</element>
<element name="PostalAddress" minOccurs="0">
  <complexType>
    <sequence>
      <element name="AddressLine" type="mpeg7:TextualType"
        minOccurs="1" maxOccurs="unbounded"/>
      <element name="PostingIdentifier" type="mpeg7:TextualType"
        minOccurs="0"/>
    </sequence>
    <attribute ref="xml:lang" use="optional"/>
  </complexType>
</element>
<element name="InternalCoordinates" type="string" minOccurs="0"/>
</sequence>
<attribute ref="xml:lang" use="optional"/>
</extension>
</complexContent>
</complexType>

```

In 7.6.2.3, after the definition for datum term and before the definition for Astronomical Body term, insert the definitions for the term “accuracy” and “type”, as follows:

<i>Accuracy</i>	Indicates the accuracy, in meters, of the GeographicPosition details.
<i>type</i>	Indicates the type of GeographicPosition Details. The values for the type are defined as follows: Values include “Area”, “Point” or “Route”.
• <i>area</i>	The Points refer to an area. The last Point is related to the first Point in that if you join up the Points you have a complete area of interest
• <i>route</i>	The Points refer to a route. The end Point bears no relation to the first Point, the points are in a sequence.
• <i>point</i>	The Point refers to a particular Point.

In 7.6.2.4, replace the entire text of the subclause with the following text:

7.6.2.4 Place DS examples (informative)

The following example shows the use of Place DS for describing a shooting location. In this case, the place is a university in Madrid, Spain.