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Search this site ▾

News    Videos    Community        Thesis Resources        Global ETD Search

**About**
Mission, Goals, and History
FInancial Information
Official Documents
FAQ
List of Members
ETD Metadata Providers

**Contact Us**
Directory
Board of Directors
Committees & Working Groups

**Membership**
Membership Benefits
Become Member
Renew Membership
Edit Institutional Profile
Edit Personal Profile

**Support NDLTD**
Volunteer
Sponsor Students & Librarians
Exhibit at a Conference
Donate

**Thesis Resources**
　　Find ETDs
　　　　Global ETD Search
　　　　Help Build Global ETD
　　　　Search
　　Build ETDs
　　Manage ETDs
　　ETD Symposium Papers,
　　Slides, and Posters

**News**
　　News
　　Events
　　Calendar
　　Videos on NDLTDx
　　　　NDLTD Awards
　　　　Conferences
　　　　Instructional Videos

**NDLTD Awards**
Award Nominations
Innovative ETD Awards

Standards >

# Metadata

## ETD-MS v1.1: an Interoperability Metadata Standard for Electronic Theses and Dissertations

## version 1.1

*http://www.ndltd.org/standards/metadata/etd-m*

## Editors

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## Outline

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# 1.Introduction

This document defines a standard set of metadata eleme

Institutions dealing with electronic theses and dissertatic
standards. These metadata standards all attempt to desc
a way that will be useful to the researcher as well as the

This document is not a replacement for the metadata sch
document should be used as a guideline to develop a fai
for sharing information about ETDs.

# 2. Authorities

Each reference to an individual or institution in any field
as it appears in the work. The reference may also contair

# 3. Metadata Elements

The following is a description of the common Dublin Cor
are given as to which information related to an ETD belo

If a more general element is described as mandatory, it s
general element is repeatable, it should be assumed that
repeatable to allow for ETDs that provide metadata in mc

## 3.1 dc.title

| Element | Description |
| --- | --- |
| dc.title | A name given to the resource<br>the work as it appears on the |
| dc.title.alternative | alternative title of t     **Traduzir** |

### 3.2 dc.creator

| Element | Description |
| --- | --- |
| dc.creator | An entity primarily responsible for m... dissertations, this field is appropriate institutions, this field should be enter equivalent, with a link to to an author information. |

### 3.3 dc.subject

| Element | Description |
| --- | --- |
| dc.subject | The topic of the content of the resou... subjects listed on the title page can b used to indicate a controlled vocabul... |

### 3.4 dc.description

| Element | Description |
| --- | --- |
| dc.description | An account of the conte... this is the full text of th... qualified element dc.de... |
| dc.description.abstract | The full text of the abst... |
| dc.description.note | Additional information note of the department |
| dc.description.release | Description of the versi... |

### 3.5 dc.publisher

| Element | Description |
| --- | --- |
| dc.publisher | An entity responsible for ... most directly responsible ... may or may not be exactly institutions, this field shou page or equivalent, with a section for more informati... |
| dc.publisher.country | The country the thesis wa... |

### 3.6 dc.contributor

| Element | Description |
|---|---|
| dc.contributor | An entity responsible for ma use would be for co-authors members. Co-authors of the field. |
| dc.contributor.role | Role the person played in th committee member, chair, |

## 3.7 dc.date

| Element | Description |
|---|---|
| dc.date | A date associated with an event in the l dissertations, this should be the date th Should be recorded as defined in ISO 8 8601 dates in Dublin Core. |

## 3.8 dc.type

| Element | Description |
|---|---|
| dc.type | The nature or genre of the content of a from works in other genres and to iden string "Electronic Thesis or Dissertation element. In addition, specify types of c http://dublincore.org/documents/dcm handled by the thesis.degree field. |

## 3.9 dc.format

| Element | Description |
|---|---|
| dc.format | The physical or digital manifestation dissertation, this should contain a list and/or delivered. Use the standard M types, visit ftp://ftp.isi.edu/in-notes/ "unknown" if no format information is form. |

## 3.10 dc.identifier

| Element | Description |
|---|---|
| dc.identifier | An unambiguous reference to the r used to provide a URI where the wo PURLs (http://purl.org/) or Handles |

## 3.11 dc.language

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| Element | Description |
|---|---|
| dc.language | A language of the intellectual conte which the work is recorded. Portion use the lang qualifier. See *Global Q* using ISO 639-2 (or RFC 1766). If t (en). |

## 3.12 dc.coverage

| Element | Description |
|---|---|
| dc.coverage | The extent or scope of the content periods or spatial regions. For any |

## 3.13 dc.rights

| Element | Description |
|---|---|
| dc.rights | Information about rights held in and o under which the work may be distribu over time, and whom to contact regar |

*Three levels are valid:*

- *0 Not publicly accessible*
- *1 Limited public access*
- *2 Publicly accessible*

## 3.14 thesis.degree

| Element | Description |
|---|---|
| thesis.degree.name | Name of the degree as (example: Masters in O, |
| thesis.degree.level | Level of education asso |

*Three levels are valid:*

- *0 Undergraduate*
- *1 Masters (pre-d*
- *2 Doctoral (inclu*

| | |
|---|---|
| thesis.degree.discipline | Area of study of the int name of a program or |
| thesis.degree.grantor | Institution granting the institutions, this field s |

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*page or equivalent, wit...*
*"Authority" section for ...*

# 4. Global Qualifiers

*In addition to the attributes specified for various elemen...*
*element.*

1. *lang*
   *An indication of the language in which the value o...*
   *which indicates the primary language of the work ...*
2. *translated*
   *An empty element that indicates that the value of ...*
   *translations provided by the author, simply indicat...*
3. *scheme*
   *Description of the vocabulary or scheme used to d...*

# 5. Encodings and Crosswalks

*The abstract set of elements defined in this document ca...*
*the digital library community are the MARC standard con...*
*MS group provides a "Vanilla" encoding of the standard s...*
*follows Dublin Core standards everywhere that the abstr...*
*recommendations follow AACR-2 policies and procedure...*
*for elements particular to electronic theses and dissertat...*
*version goes public, that encoding has not yet been com...*

## 5.1 "Vanilla" XML Encoding

*In this encoding, each of the fields and subfields i...*
*tag name. The XML Schema used for this encoding...*
*http://www.ndltd.org/standards/metadata/etdms...*

### 5.1.1 Sample Record

*The following is the metadata for an ETD fro...*
*Encoding of the ETD-MS standard.*

```
<thesis xmlns="http://www.ndltd.org/stal
        xmlns:xsi="http://www.w3.org/200
 xmlns:dc="http://purl.org/dc/elements/:
 xmlns:dcterms="http://purl.org/dc/term:
 xsi:schemaLocation="http://www.ndltd.o
 http://www.ndltd.org/standards/metadat
 http://purl.org/dc/elements/1.1/
 http://www.ndltd.org/standards/metadat
 http://purl.org/dc/terms/
 http://www.ndltd.org/standards/metadat
>
```

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```
<dc:title xml:lang="en">Conceptual Dev
Recreation Experience Model: The Recre
<dcterms:alternative>A matrix for recr

<dc:creator>Walker, Gordon James</dc:c

<dc:subject>outdoor recreation</dc:sul
<dc:subject>recreation experience pre
<dc:subject>recreation experience mat
<dc:subject>recreation opportunity sp
<dc:subject scheme="DCC">796.5</dc:sul
<dc:subject scheme="LCSH">GV 191.2-20(

<dc:description role="abstract" xml:l
(a) whether outdoor recreation experi
Recreation Experience Preference (REP
these experiences can be categorized
Recreation Experience Matrix (REM); (
Opportunity Spectrum (ROS) variables
expertise explain the types of experi
receive; and (d) how well two new var
mode dependence--explain the types of
recreationists receive. In order to a
on-site questionnaire was distributed
Recreation Area in Virginia during Oc
total of 410 people completed this qu
provided useable addresses for a foll
questionnaire, with 169 (50.3%) actua
performing a variety of statistical a
(a) some outdoor recreationists did r
experiences involving identity, cogni
self-concept; (b) indirect support do
outdoor recreation experiences using
the ROS variables of activity, settin
some outdoor recreation experiences,
primary mode and mode dependence.</dc

<dc:publisher country="USA">Virginia

<dc:contributor role="committee_membe
<dc:contributor role="committee_membe
<dc:contributor role="committee_membe
<dc:contributor role="chair">Joseph W
<dc:contributor role="chair">R. Bruce

<dc:date>1997-03-31</dc:date>

<dc:type>Electronic Thesis or Disserto

<dc:format>application/pdf</dc:format.

<dc:identifier>http://scholar.lib.vt.

<dc:language>en</dc:language>
```

**Traduzir**

```
            <dc:rights>2</dc:rights>

            <degree>
              <name>PHD</name>

              <level>2</level>

              <discipline xml:lang="en-us">Forest

              <grantor>Virginia Polytechnic Insti

            </degree>
          </thesis>
```

## 5.2 MARC-21 Crosswalk

The question of encoding the abstract metadata se

Those NDLTD member institutions that prefer to s
or UNIMARC) will benefit from a standard "location

Communications between institutions storing ETD
the "crosswalk" below, a MARC-based institution c
MARC data, and can export MARC data that can its
oriented site.

Finally, NDLTD members who function as OAI data
standard XML-encoded MARC data, irrespective of

### Crosswalk Specification

| ETD-MS Element | MARC-21 field & subfield | Notes |
| --- | --- | --- |
| dc.title | 245a | |
| dc.title.alternative | 246 | Both title.alte translations a |
| dc.title translated | 242 | Translations Parallel titles encoded in X qualifiers, an language title |
| dc.creator | 100a | "Creator" is a requires a x0 |
| dc.subject | 653a | Since \|a subh separate <su |
| dc.description.abstract | 520a | |
| dc.description.note | Any 5xx field not | |

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| | | |
|---|---|---|
| | | otherwise used, e.g., 504 |
| dc.description.release | | |
| dc.publisher | 260a+b | Publisher nar element itsel, |
| dc.contributor | 720a | In ETD-MS, " committee. A \|a subfield) a |
| dc.contributor.role | 720e | (see note abc |
| dc.date | 008 positions 7-10 | The year por of the 008 fix and position publication d first is date o should be 't' practices for 8601) but be |
| dc.type | leader 6&7; 655 | Electronic the monographs objects, but a leader positio ETD's may ha but all shoul include the te |
| dc.format | 856q | |
| dc.identifier | 856u | This assignm theses or dis. as identifiers to name each |
| dc.language | 008 positions 35-37; [546] | MARC-21 ma the two-lette 1766 standal used in filling human-reada document ma language nar |
| dc.coverage | 651 or 690 | "DC Coverage temporal ext Coverage is a modifying su recognized tl temporal sub purpose subj |
| dc.rights | 540 | |
| thesis.degree.name | 502a | AACR-2 guid generate a 50 We recomme ETD-MS thes field of an ex thesis.degre |
| thesis.degree.level | 502a | (se **Traduzir** |

| | | |
|---|---|---|
| *thesis.degree.discipline* | *710b* | *Unable to fin...* |
| | | *fallen back o...* |
| | | *granting dep...* |
| | | *subfield of th...* |
| *thesis.degree.grantor* | *502a;* | *In addition to...* |
| | *710ab* | *grantor may ...* |
| | | *generating ar...* |
| | | *considered to...* |
| | | *710a subfield...* |
| | | *best practice...* |
| | | *standard MA...* |
| | | *the thesis.de...* |

*This covers all the elements defined in the ETD-M...
like object") containing values for all the fields abo...
must contain additional data (for instance, a comp...
(for instance, a complete 008 field). It is not our in...
above. We expect MARC-ETD-MS records produce...
procedures of those institutions.*

*Accordingly, institutions that create ETD-MS comp...*

- *They may share the MARC records as they a...
  encoded as XML using the OAI XML MARC er...*
- *They may share just the parts of their record...
  like objects or using the XML encoding of ET...*
- *They may share the records as Dublin Core,...
  tool. Just as DC and ETD-MS overlap to a gr...
  crosswalks defined by LoC.*

## 5.2.1 Sample Record

*The following is the metadata for an ETD fro...*
*Encoding of the Open Archives Initiative, wit...*

```
<oai_marc xmlns="http://www.openarchive...

 xsi:schemaLocation="http://www.openarc...
 http://www.openarchives.org/OAI/1.1/oa...
 level="m" encLvl="u" catForm="u">

   <fixfield id="008">
   "    s1997    vau|    sm    00| 0|en...
   </fixfield>
   <varfield i1=" " i2=" " id="035">

      <subfield label="a">
      (VPI) etd-3345131939761081
      </subfield>
   </varfield>
   <varfield i1="1" i2=" " id=...
```

**Traduzir**

```
                    <subfield label="a">
                    Walker, Gordon James
                    </subfield>
</varfield>
<varfield i1="0" i2="0" id="245">

                    <subfield label="a">
                    Conceptual Development and Empiri
                    Experience Model: The Recreation
                    </subfield>
</varfield>
<varfield i1=" " i2=" " id="256">

                    <subfield label="a">
                    Computer data - 4 files(s)
                    </subfield>
</varfield>
<varfield i1=" " i2=" " id="260">

                    <subfield label="a">
                    Blacksburg, Va.
                    </subfield>
                    <subfield label="b">
                    University Libraries, Virginia Po
                    University
                    </subfield>
                    <subfield label="c">

                    1997
                    </subfield>
</varfield>
<varfield i1=" " i2=" " id="502">

                    <subfield label="a">
                    Thesis (PHD)--Virginia Polytechni
                    1997-03-31
                    </subfield>
</varfield>
<varfield i1=" " i2=" " id="504">

                    <subfield label="a">
                    Includes bibliographical referenc
                    </subfield>
</varfield>
<varfield i1="3" i2=" " id="520">

                    <subfield label="a">
                     This dissertation examines four
                     outdoor recreation experiences n
                     Experience Preference (REP) scal
                     experiences can be categorized u
                     Recreation Experience Matrix (REI
                     Opportunity Spectrum (ROS) varia
                     expertise explain the t
```

**Traduzir**

```
            receive; and (d) how well two nei
            dependence--explain the types of
            receive. In order to address thes
            was distributed at Mount Rogers I
            during October and November, 1995
            this questionnaire. Of these, 330
            follow-up mail-out questionnaire,
            it. After performing a variety of
            that: (a) some outdoor recreation
            experiences involving identity, (
            self-concept; (b) indirect suppor
            recreation experiences using the
            variables of activity, setting, (
            outdoor recreation experiences, (
            mode and mode dependence.
        </subfield>
    </varfield>
    <varfield i1=" " i2=" " id="538">

        <subfield label="a">
        System requirements: PC, World Wi
        </subfield>
    </varfield>
    <varfield i1=" " i2=" " id="538">

        <subfield label="a">
        Available electronically via Inter
        </subfield>
    </varfield>
    <varfield i1=" " i2=" " id="653">

        <subfield label="a">
        outdoor recreation
        </subfield>
    </varfield>
    <varfield i1=" " i2=" " id="653">

        <subfield label="a">
        recreation experience preference :
        </subfield>
    </varfield>
    <varfield i1=" " i2=" " id="653">

        <subfield label="a">
        recreation experience matrix
        </subfield>
    </varfield>
    <varfield i1=" " i2=" " id="653">

        <subfield label="a">
        recreation opportunity spectrum
        </subfield>
    </varfield>
    <varfield i1="2" i2=" " id="710">
```

Traduzir

```xml
      <subfield label="a">
      Virginia Polytechnic Institute and
      </subfield>
      <subfield label="b">
      Forestry
      </subfield>
   </varfield>

   <varfield i1="1" i2=" " id="720">
      <subfield label="a">
      Daniel R. Williams
      </subfield>

      <subfield label="e">
      Committee Member
      </subfield>
   </varfield>
   <varfield i1="1" i2=" " id="720">

      <subfield label="a">
      K. Jill Kiecolt
      </subfield>
      <subfield label="e">
      Committee Member
      </subfield>
   </varfield>

   <varfield i1="1" i2=" " id="720">
      <subfield label="a">
      Bradley R. Hertel
      </subfield>

      <subfield label="e">
      Committee Member
      </subfield>
   </varfield>
   <varfield i1="1" i2=" " id="720">

      <subfield label="a">
      Joseph W. Roggenbuck
      </subfield>
      <subfield label="e">
      Committee Co-Chair
      </subfield>
   </varfield>

   <varfield i1="1" i2=" " id="720">
      <subfield label="a">
      R. Bruce Hull
      </subfield>

      <subfield label="e">
      Committee Co-Chair
      </subfield>
   </varfield>
```

**Traduzir**

```
<varfield i1="4" i2="0" id="856">

    <subfield label="z">
    2
    </subfield>
    <subfield label="u">
    http://scholar.lib.vt.edu/theses/
    </subfield>
</varfield>

</oai_marc>
```

# 6. Document History

*2010-08-19 XML Schemas and examples updated*

*2009-12-01 Draft version 1.1 of standard*

*This document was originally derived from the ETDMS v1*

# 7. Contributors

*Members of the NDLTD Standards and Services Committe*

*The following people participated in a review of the stand*

- *Ana Pavani*
- *Hussein Suleman*
- *Gail McMillan*
- *Thomas Hickey*

Subpages (1):  etdms

📁

📄  etd-ms-v1.1....  Hussein Sulem...    v.1                    ⬇

## Comentários

Você não tem permissão para adicionar comentários.

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