



Av-aineistojen arkistointiprojektit Porin taidemuseossa vuonna 2014

**Kokemuksia avoimesta datasta ja
av-aineistojen arkistoinnista**

Teemapäivä Satakunnan museossa

3.12.2014

Intendentti Anni Saisto

Vuoden 2014 projektit

- **Visuaalinen kulttuuri virtaa verkkoon** – uusia kumppanuuksia kulttuuriperinnön dokumentaatioon
Projektin työntekijät: Juha Mehtäläinen ja Antti Pedrozo
Museovirasto, innovatiiviset hankkeet, 26 000 €
- **Maire Gullichsenin kuvataiteellinen perintö Satakunnassa** – Porin taidemuseon av-tallenteiden digitointi- ja verkkosaatavuushanke
Projektin työntekijä: Sakari Hanhimäki
Opetus- ja kulttuuriministeriö, Avustukset nuoria työllistäviin kulttuuriaineistojen digitointia ja verkkosaatavuutta edistäviin hankkeisiin, 16 000 €

Visuaalinen kulttuuri virtaa verkkoon - hankkeen **tavoitteet**

- Turvata vapaan kentän toimijoiden tekemän tallennustyön **säilyminen** myös tulevaisuudessa
- Parantaa keinoja kerätä tallennettujen tapahtumien ja videotiedostojen **metatietoja**
- Parantaa aineistojen saatavuutta kehittämällä **internet-julkaisua**
- Laatia **toimintamalli** muiden museoiden hyödynnettäväksi

Maire Gullichsenin kuvataiteellinen perintö Satakunnassa -hankkeen **tavoitteet**

- **Pelastaa** 1980- ja 90-luvuilla aluetaidemuseotyönä tehdyt taiteilijahaastattelut ja -luennot tuhoutumiselta (saldo: 1 vhs-nauha vaurioitunut käyttökelvottomaksi)
- Tehdä digitoiduista aineistoista **KDK-PAS** kelpoisia
- Lisätä satakuntalaisen taiteen kentän historian tunnettuutta julkaisemalla aineistoa **internetissä**

Metatietojen keruujärjestelmä sovelletut standardit:

- 1) Tapahtuman tiedot: Cidoc-CRM
- 2) Tallenteen hallinnolliset metatiedot: Premis 2.2. Rights
- 3) Tekniset metatiedot: Premis 2.2. laajennettuna VideoMD- ja AudioMD-standardeilla

Pakollinen tekninen metadata:

KDK-PAS: Säilytys- ja siirtokelpoiset tiedostomuodot, v. 1.3.

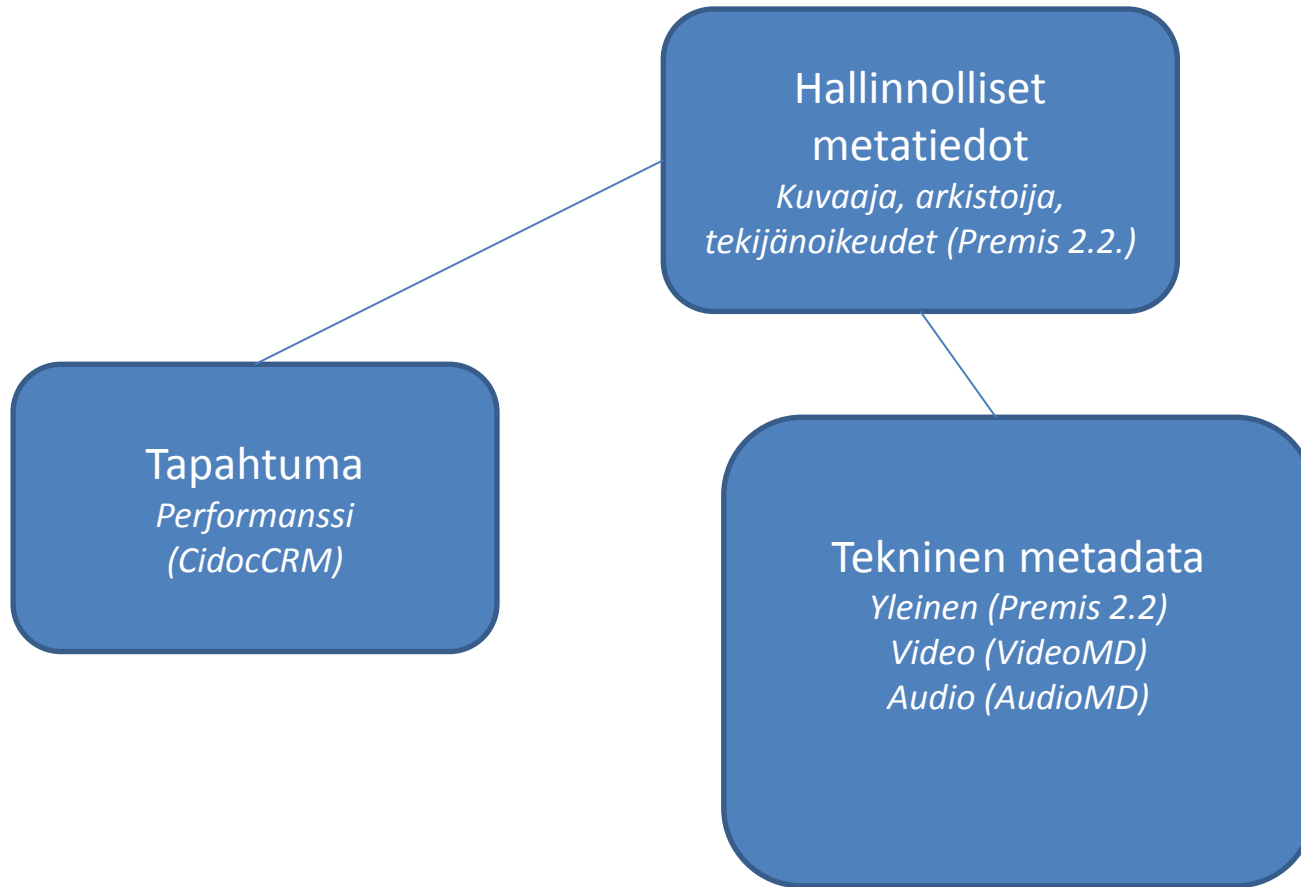
http://cidoc-crm.org/docs/cidoc_crm_version_5.0.4.pdf

<http://www.loc.gov/standards/premis/v2/premis-2-2.pdf>

<http://www.loc.gov/standards/amdvmd/htmldoc/videoMD.html>

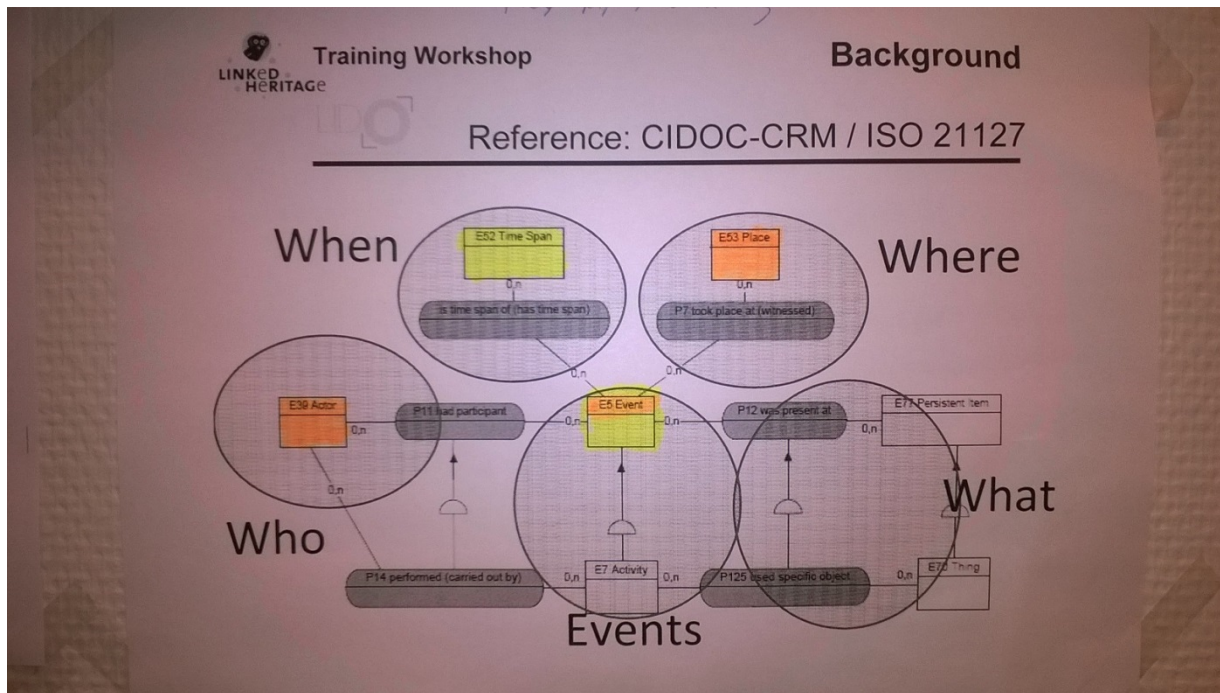
<http://www.loc.gov/standards/amdvmd/htmldoc/audioMD.html>

Metatietojen rakenne



Mitä **hyötyä**?

- Termit ja kenttien sisällöt on määritelty mahdollisimman yksiselitteisesti
- Sisältävät tietoa, joka on tuotettu alojen asiantuntijoiden toimesta kansainvälisissä työryhmissä
- Tietosisällöt jäsentyvät loogisesti, koska standardit on ryhmitelty hierarkkisesti



Rights Entity

For the purpose of the PREMIS Data Dictionary, statements of rights and permissions are taken to be constructs that can be described as the Rights entity. Rights are entitlements allowed to agents by copyright or other intellectual property law. Permissions are powers or privileges granted by agreement between a rightsholder and another party or parties.

A repository might wish to record a variety of rights information including abstract rights statements and statements of permissions that apply to external agents and to objects not held within the repository. The minimum core rights information that a preservation repository must know, however, is what rights or permissions a repository has to carry out actions related to objects within the repository. These may generally be granted by copyright law, by statute, or by a license agreement with the rightsholder. In some situations the basis for the rights is for other reasons, for instance institutional policy.

If the repository records rights information, either *rightsStatement* or *rightsExtension* must be present.

Entity properties

- May be related to one or more objects.
- May be related to one or more agents.
- Links between entities may be recorded from either direction and need not be bi-directional.

Entity semantic units

4.1 *rightsStatement* (O, R)

4.1.1 *rightsStatementIdentifier* (M, NR)

4.1.1.1 *rightsStatementIdentifierType* (M, NR)

4.1.1.2 *rightsStatementIdentifierValue* (M, NR)

4.1.2 *rightsBasis* (M, NR)

4.1.3 *copyrightInformation* (O, NR)

4.1.3.1 *copyrightStatus* (M, NR)

4.1.3.2 *copyrightJurisdiction* (M, NR)

4.1.3.3 *copyrightStatusDeterminationDate* (O, NR)

4.1.3.4 *copyrightNote* (O, R)

4.1.3.5 *copyrightDocumentationIdentifier* (O, R)

Tapahuman kuvailu

- työversio

Tapahuma (Event E5):

P4 has time span

Tapahuman kesto (Time-span E52):

P7 Took place at

Paikka (Place Appellation E44):

Performanssi (Activity E7):

P102 has title of

Performanssin nimi (Title E35):

P4 has time span

Aika (Date E50):

P14 carried out by

Esiintyjä/t (Person E21):

P107 is current of former member of

Kansallisuus (Group E74):

P16 used specific object

Objekti (Thing E70):

P134 was continued by

Rinnakkaisteokset (Activity E7)

P15 was influenced by

Vaikutteet (CRM Entity E1)

P11 had participant

Kollaboraatio (Person E21):

Asiasanoitus (Type E55)

Kuvaus (Type E55)

Hallinnolliset metatiedot: tekijät

- työversio

Tallenteen hallinnolliset metatiedot (PREMIS 2.2.:Rights)

Tallentajan nimi (3.2 agentName. A text string which could be used in addition to agentIdentifier to identify an agent.)

Tallentajan määritelmä (3.4 agentNote. Additional information about the agent.)
Esim. kuvaaja

Tallentajan lisätiedot (3.5 agentExtension. A container to include semantic units defined outside of PREMIS.)
Esim. kameran numero

Toimijan nimi (3.2 agentName. A text string which could be used in addition to agentIdentifier to identify an agent.)

Toimijan määritelmä (3.4 agentNote. Additional information about the agent.)
Esim. arkistoija

Metatietotietueiden luontiaika (Tälle ei löydy kategoriaa Premisistä, mutta vaaditaan PASSissa)

Hallinnolliset metatiedot: tekijänoikeudet

- työversio

Tekijänoikeudet (4.1.2 rightsBasis)

Values: copyright, license, statute, other

JOKO:

Tekijänoikeustilanne (4.1.3.1 copyrightStatus)

Values: copyrighted, publicdomain, unknown)

Valtio jonka lakia sovelletaan (4.1.3.2 copyrightJurisdiction. The country whose copyright laws apply)

Values should be taken from ISO 3166, for example: fi, us, de

Tekijänoikeustilanteen määrittelyajankohta (4.1.3.3 copyrightStatusDeterminationDate. The date the *copyrightStatus* was determined)

Esim. 20050723

TAI:

Lisenssin käyttöehdot (4.1.4.2 licenseTerms. Text describing the license or agreement by which permission was granted. This could contain the actual text of the license or agreement or a paraphrase or summary.)

Lisenssi voimassa alkaen (4.1.4.4.1 startDate. The beginning date of the rights granted.)

For example 20050723

JA:

Tallenteen käyttöoikeudet (4.1.7.1 act. The action the preservation repository is allowed to take.)

THE PREMIS DATA DICTIONARY

Semantic unit	4.1.7.1 act
Semantic components	None
Definition	The action the preservation repository is allowed to take.
Data constraint	Value should be taken from a controlled vocabulary.
Repeatability	Not repeatable
Obligation	Mandatory
Usage notes	<p>Suggested values:</p> <ul style="list-style-type: none"> replicate = make an exact copy migrate = make a copy identical in content in a different file format modify = make a version different in content use = read without copying or modifying (e.g., to validate a file or run a program) disseminate = create a copy or version for use outside of the preservation repository delete = remove from the repository <p>It is up to the preservation repository to decide how granular the controlled vocabulary should be. It may be useful to employ the same controlled values that the repository uses for <i>eventType</i>.</p>

Tekniset metatiedot: yleiset

- työversio

Tallenteen tekniset metatiedot (PREMIS 2.2.: Object Entity)

Tallenteen tyyppi (1.2 objectCategory.)

- Values: representation, file, bitstream (a filestream should be considered a file).
- Representation: A digital object instantiating or embodying an Intellectual Entity. A representation is the set of stored digital files and structural metadata needed to provide a complete and reasonable rendition of the Intellectual Entity.
- File: A named and ordered sequence of bytes that is known to an operating system.
- Bitstream: Contiguous or non-contiguous data within a file that has meaningful properties for preservation purposes

Tiivistealgoritmi (1.5.2.1 messageDigestAlgorithm. The specific algorithm used to construct the message digest for the digital object. For example MD5, SHA-1 etc.)

Eheystieto (1.5.2.2 messageDigest. The output of the message digest algorithm)

Tiedostokoko (1.5.3 size)

The size in bytes of the file or bitstream stored in the repository. For example 2038937.

Tiedostomuodon nimi (1.5.4.1.1 formatName. A designation of the format of the file or bitstream.)

Value should be taken from a controlled vocabulary. Unidentified formats can be recorded "unknown"

Tiedostomuodon versio (1.5.4.1.2 formatVersion. The version of the format named in *formatName*)

For example 6.0 ; 2003

Ohjelmisto (1.5.5.1 creatingApplicationName. A designation for the name of the software program that created the object.)

For example MSWord

Ohjelmiston versio (1.5.5.2 creatingApplicationVersion)

Tiedoston luontiaika (1.5.5.3 dateCreatedByApplication. The actual or approximate date and time the object was created.)

Esim. 20030223T151047

Tekniset metatiedot: Video

- työversio

Videon tekniset metatiedot (1.5.7. objectCharacteristicsExtension: VideoMD)

Kesto (mediaDataType / duration. Elapsed time of the entire file)
Expressed using ISO 8601 syntax; see
<http://www.w3.org/TR/NOTE-datetime>.

Bittinopeus (mediaDataType / dataRate. Data rate of the audio in an MPEG or other compressed file expressed in mbps)
e.g., 8, 12, 15, etc.

Bits per sample (fileDataType / bitsPerSample. The number of bits of sample depth)
e.g., 8, 24, etc.

Väriavaruus (fileDataType / color. Presented color of the digital video file. Use Other if none of the preceding values pertains and clarify the color in the otherColor element)
Values: B&W, Color, Grayscale, B&W with grayscale sequences, B&W with color sequences, Grayscale with B&W sequences, Grayscale with color sequences, Color with B&W sequences, Color with grayscale sequences, Other

Videokoodekin luontiohjelma (compressionType / codecCreatorApp. Name of the creator of the compression application)
e.g. Adobe Premiere, etc..

Videokoodekin luontiohjelman versio (compressionType / codecCreatorAppVersion. Version of the compression application)
e.g. 6.0, etc.

Videokoodekin nimi (compressionType / codecName. Name of the compression algorithm used)
e.g. MPEG, etc.

Videokoodekin laatu (compressionType / codecQuality. Impact of the compression on quality)
e.g. lossless or lossy

Data rate mode (fileDataType / dataRateMode. Mode of the data rate in a digital video file.)

Resoluutio, vaaka (frameType / pixelsHorizontal. The horizontal dimension of a frame in pixels)

Resoluutio, pysty (frameType / pixelsVertical. The vertical dimension of a frame in pixels)

Ruutunopeus (frameType / frameRate. The rate of frames displayed in one second (or average rate of frames per second in the case of variable frame-rate). Present as a ratio of time base over frame duration)
For instance: 30000/1001 or as a decimal, such as 29.970 .

Pikselien kuvasuhde (frameType / PAR. Pixel aspect ratio, present as a ratio or decimal).

Eesityssuhde (frameType / DAR. Display aspect ratio (present as a ratio or decimal such as 4/3 or 6/9 or 1.33333).

jne.

Tekniset metatiedot: **Audio**

- työversio

Äänen tekniset metatiedot (1.5.7.
objectCharacteristicsExtension: AudioMD)

Audioin koodausmuodot (fileDataType / audioDataEncoding.
Structure for audio data; current known types are pulse code modulation (PCM) and SONY's DSD structure.)

Bits per sample (fileDataType / bitsPerSample. Number of bits per audio sample)
e.g., 16, 20, 24, etc.

Äänikoodekin luontiohjelma (compressionType / codecCreatorApp.
Name of the creator of the compression application)
e.g. SoundForge, etc...

Äänikoodekin luontiohjelman versio (compressionType / codecCreatorAppVersion.
Version of the compression application)
e.g. 5.0, etc

Äänikoodekin nimi (compressionType / codecName. Name and version (or subtype) of the compression algorithm used)
e.g., Frauenhofer xyz ["xyz"] is a placeholder for versioning information]

Äänikoodekin laatu (compressionType / codecQuality. Impact of the compression on quality)
e.g. lossless or lossy.

Äänen bittinopeus (fileDataType / dataRate. Data rate of the audio in an MP3 or other compressed file, expressed in kbps)
e.g., 64, 128, 256, etc.

Data rate mode (fileDataType / dataRateMode. Indicator whether the data rate is fixed or variable.)

Äänen näytteenottotaajuus (fileDataType / samplingFrequency. Rate at which the audio was sampled, expressed in kHz, e.g., 22, 44.1, 48, 96, etc.

Äänen kesto (audioInfoType / duration. Elapsed time of the entire file, expressed using ISO 8601 syntax; see <http://www.w3.org/TR/NOTE-datetime>.)

Äänikanavien lukumäärä (audioInfoType / numChannels. Number of audio channels)
e.g., 1, 2, 4, 5, etc. See also soundChannelMap.