



PUBLIC DOMAIN PROJECT

A community project to preserve
historical records



Public Domain Project

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Server Administrator
Technical Support

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Structure

- Introduction
- Legally, what means free?
- Parts of the Project
- Digitizing Process
- Outlook
- Questions and Answers

Goals

In our opinion it is necessary to:

Collect

Protect

and enable access to

cultural heritage.

It belongs to all of us!

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Achievements

2008 Discussions started

2009 First file server donated and installed

2010 Wikipedia DE “Wissenswert” Contest:
We won and got the laser turntable

2011 A collector joins and donates 30 000
records

2012 Public announcement of the Swiss
Foundation Public Domain

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Facts

50 000 physical records in our collection

9000 unique visits per month

600 digitized audio records

50 m² archive space

6 active people

0 Funding (still)

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This is a tangible Project



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Free music for any use!

Use the music archive your way:

- Streaming
- Sampling
- Remixing
- Background music
- ...

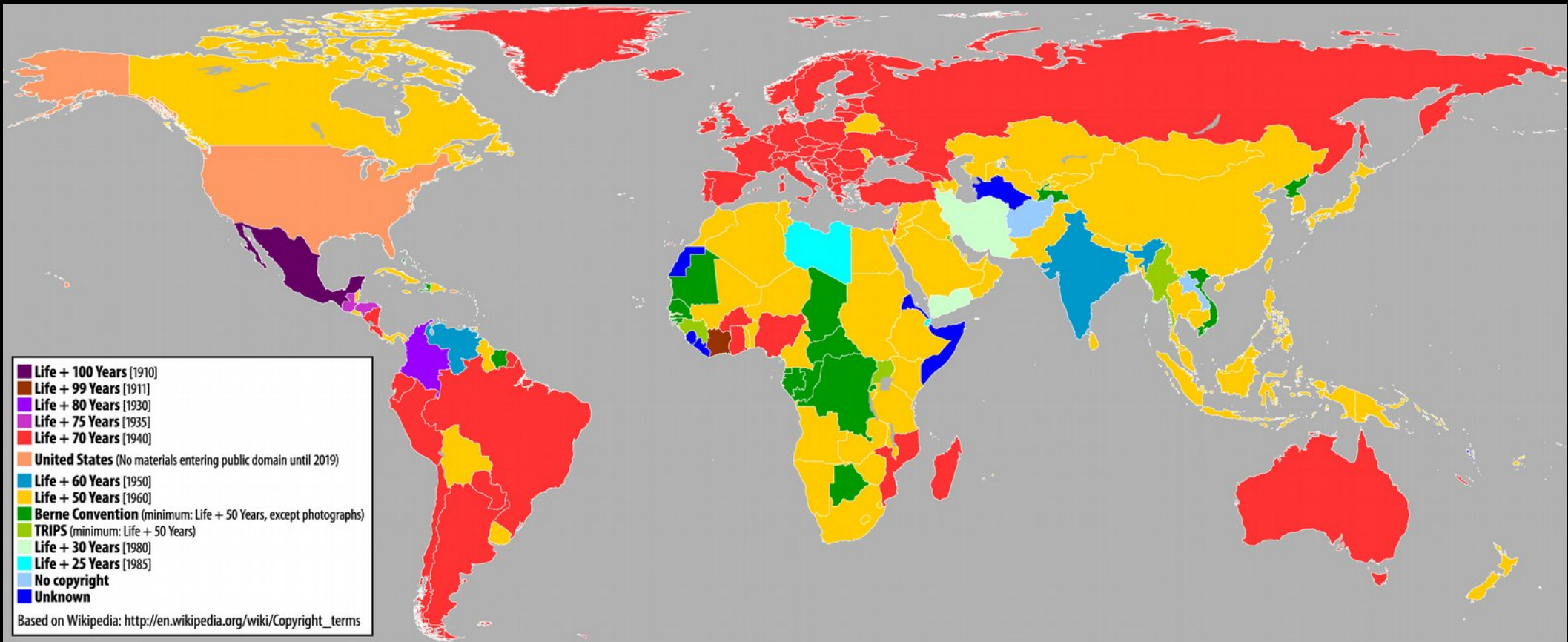
Nobody to ask, just use it!

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Legally, what does free mean?

- Free as in freedom
- A work (Image, Score, Record etc.) is free when it is in the ***Public Domain***
 - Legally the term *public domain* is the opposite of *copyright protected*
 - Copyright protection is time limited everywhere
- In German the legal term is ***gemeinfrei***

International Copyright Law



Source: Balfour Smith (Center for the Study of the Public Domain)

How we handle it

When it is out of copyright protection in Switzerland, we share it:

- 70 years after the author has died

and

50 years after publication

- Creative Commons „by“ or „CC0“ license



Parts of the project

PUBLIC DOMAIN

English

The free online music database

Deutsch

Die freie Musik Datenbank

Français

La base de données musique libre

Italiano

La banca dati musica libera



Public Domain Radio

Online Radio Channels

Public Domain Downloads

Free Music and video material

Deutsch • English • Français • Italiano



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Parts of the project

- File archive
- Music encyclopedia
- Radio streams
- Swiss foundation Public Domain

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File Archive

- Collecting records
 - Mainly Shellac records
- Digitize them
- Make the files available
- Store the original records

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Music Encyclopedia

- Build a community driven encyclopedia
- Contains all known information about a archived music title
- Provides further information about:
 - Composer/Author
 - Artists
 - Lyrics, libretto

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MediaWiki based



The screenshot shows the main page of the Public Domain Project MediaWiki. At the top left is the project logo, a purple circle with a white stylized 'P' and 'D'. Below it is the text 'PUBLIC DOMAIN'. To the right of the logo are navigation tabs: 'page', 'discussion', 'view source', and 'history'. The main heading is 'Main Page'. Below this is a banner for the 'Public Domain Project' with links to 'Donate', 'Facebook', 'Fanshop', 'Public Domain Radio Channels', 'Official website', and 'Worldwide copyright terms'. A quote reads: 'Our cultural heritage belongs to all of us, that's why we must preserve it'. The main content area is titled 'Public Domain Pool: Featured recordings' and contains four featured items:

- Phonograph cylinders:** A collection of celluloid and wax cylinders. Text: 'Available soon: our collection of phonograph cylinders: celluloid- and wax cylinders'.
- Famous arias:** Famous arias sung by Enrico Caruso (Faust) and Ja, seit frühster Kindheit Tagen (Martha).
- Record label images:** Explore our media archives of record label images: 78 rpm-, Edison-, Pathé- or vinyl.
- Grammophone records:** Public domain grammophone records digitized with the ELP laser turntable. Help us with a donation! Requirements: 500 Euro containers, 50'000 record sleeves, Keith Monks records cleaning machine, Rek-O-Kut turntable to digitize vertical-cut records and transcription discs.

On the right side of the featured recordings, there is a section titled 'The Public Domain Project grows. Additional 35,000 records were donated by Martin Osterwalder. The first available work is Edvard Grieg's incidental music Peer Gynt, Part 1 (listen) and Part 2 (listen)'.

On the left side, there is a navigation menu with sections: 'navigation' (Main page, Community portal, Current events, Recent changes, Random page, FAQ), 'music' (Radio), 'encyclopedia' (English, Deutsch, Francais, Italiano), and 'support us' (We are looking for aide!, Help, Help us with a donation).

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On-line Radio



Public Domain Classical

- Mixed Classical music, Chamber music and Symphonies



Public Domain Jazz

- Mixed Jazz, Ragtime and Swing

More channels are on the way!

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On-line Radio

- Streams in mp3 and aac+
- Providing Shoutcast and Icecast Streams
- Using Icecast and Liquidsoap on Linux

More than 20 000 individual listeners!

Foundation

Swiss Foundation Public Domain

Cultural foundation according to swiss law

Address

PO Box 52
CH-8126 Zumikon
Switzerland

Telephone

+41-44-991 11 36

Federal company number

CH-020.7.001.862-3

Business identification number

CHE-303.203.653



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Quality matters!

Digitizing: Do it once and do it right

We share this attitude with:



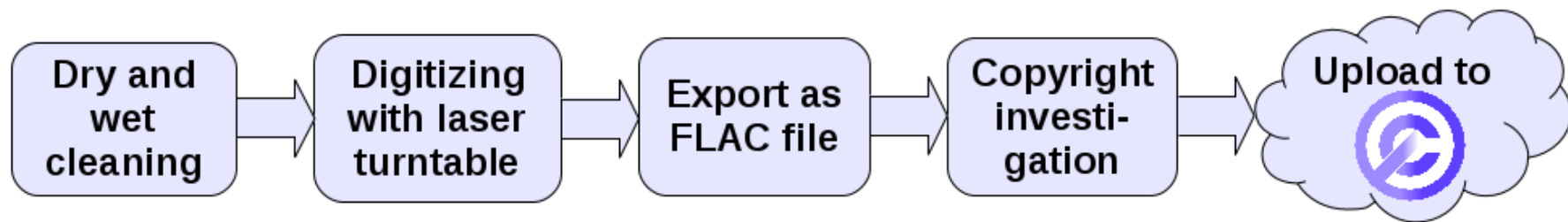
Digitized Public Domain
Books



Digitized Public Domain
Music Scores

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Digitizing Process



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Cleaning

- Very important step
 - Improves recording, reduces clicks



Cleaning



Digitizing

- Recording in 24 bit/192 kHz
- Lossless, license and patent free file format:
 - FLAC



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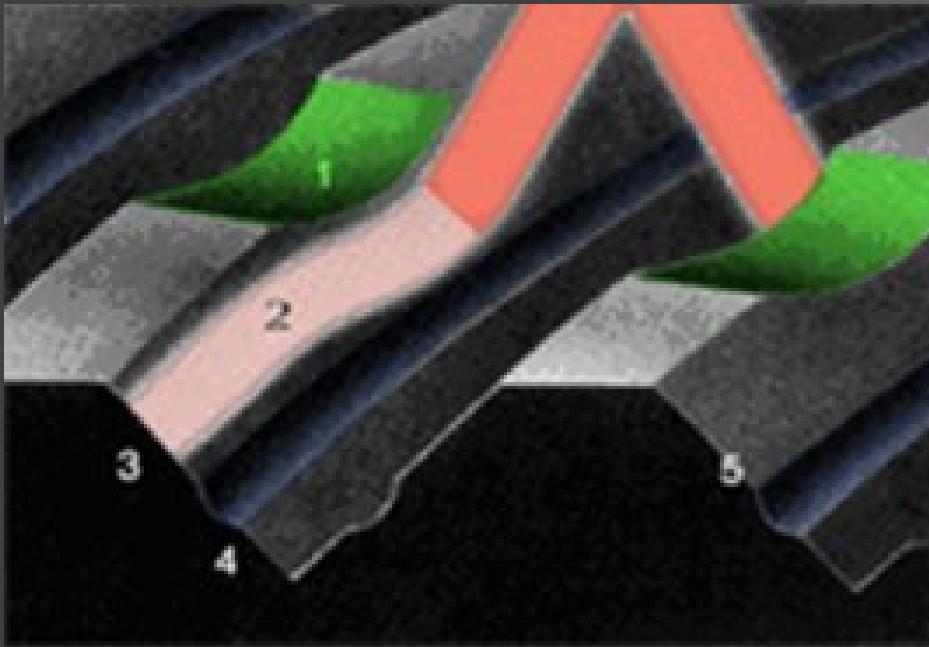
Laser turntable

- Financed by Wikimedia (DE):



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The Needle vs. The Laser



1. Scratch damage on the land area of grooves.
2. Laser beams that read the audio modulations.
3. The area of the groove that is read avoids the scratch.
4. The area of the groove where stylus damage is found.
5. The groove with damage from a needle.

Investigation of copyright status

- Most time consuming task of all:
 - A lot of information is missing on the records and on the Internet
 - Also there is seldom a release date!
 - You have to get information about:
 - Author(s)/Composer(s)
 - Lyricist(s)
 - Music arranger(s), Conductor(s) and Performer(s)

Investigation of copyright status

Description	English: Performer: Bar Harbor Society Orchestra Vocal range: Instrumental Title/Work: Three O'Clock in the Morning Content: Waltz Composer: Julián Robledo (1887-1940) Genre: Pop music 1920s First recording date: 15 December 1921 First release date: 1922
Date	13 Juni 2013(2013-06-13)
Source	PD:RAKO-SD25-00004
Author	Carl Flisch

Investigation of copyright status

Image	
Label	Vocalion Records
Cat. no.	B 14287
Matrix	8401
Additional info	B14287
1st release date	1922
1st recording date	15 December 1921
Coupling date	1921 (printed on record)
Cutout date	unknown
Place of recording	New York City, New York (United States)
Description	Vocalion A/B 14287 , Carl Flisch collection , Musiktitel.de
Author(s)/Composer(s)	Julián Robledo (1887-1940)

Lyricist(s)	none
Music arranger(s)	none
Conductor(s)	none
Performer(s)	Bar Harbor Society Orchestra
Vocal range	Instrumental
Title/Work	Three O'Clock in the Morning
Content	Waltz
Genre(s)	Pop music 1920s
FLAC	FLAC
Ogg (Vorbis/Theora)	Ogg · Ogg (Commons)
PD CH	1 January 2011
PD EU	1 January 2011
PD USA	1 January 1998
PD INT	1 January 2041

Server and Storage



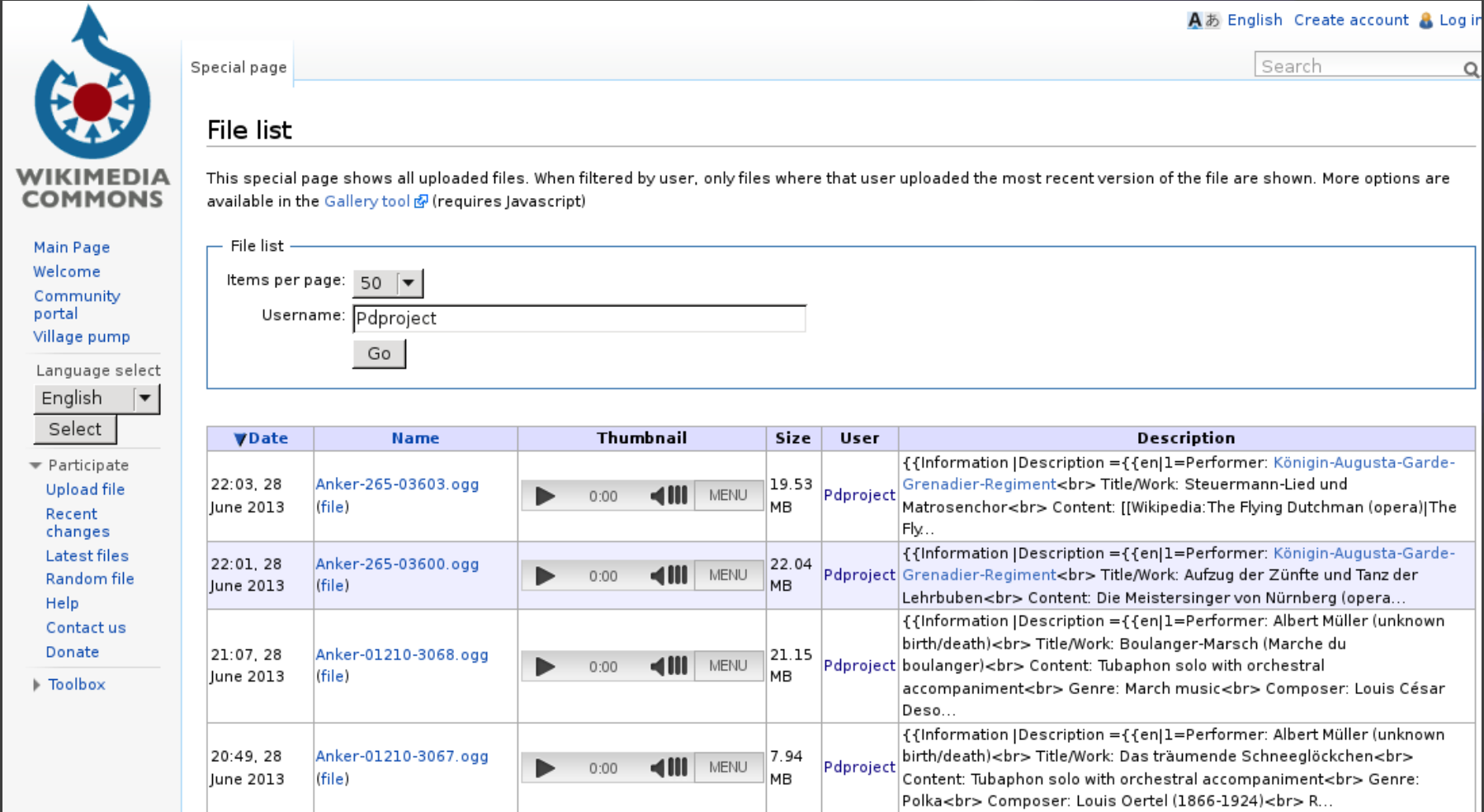
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Thanks to Open Source

- VM Host:
 - Debian GNU/Linux, Virtualbox
- Web system:
 - Apache2, PHP, Mediawiki
- Radio:
 - Icecast2, Liquidsoap, LAME, FAAC
- Storage:
 - FLAC, ATA over Ethernet (AoE), LVM2, NFS

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Upload to Commons



Special page English Create account Log in

File list

This special page shows all uploaded files. When filtered by user, only files where that user uploaded the most recent version of the file are shown. More options are available in the [Gallery tool](#) (requires Javascript)

File list

Items per page:

Username:

Date	Name	Thumbnail	Size	User	Description
22:03, 28 June 2013	Anker-265-03603.ogg (file)		19.53 MB	Pdproject	{{Information Description ={{en 1=Performer: Königin-Augusta-Garde-Grenadier-Regiment Title/Work: Steuermann-Lied und Matrosenchor Content: [[Wikipedia:The Flying Dutchman (opera) The Fly..
22:01, 28 June 2013	Anker-265-03600.ogg (file)		22.04 MB	Pdproject	{{Information Description ={{en 1=Performer: Königin-Augusta-Garde-Grenadier-Regiment Title/Work: Aufzug der Zünfte und Tanz der Lehrbuben Content: Die Meistersinger von Nürnberg (opera...
21:07, 28 June 2013	Anker-01210-3068.ogg (file)		21.15 MB	Pdproject	{{Information Description ={{en 1=Performer: Albert Müller (unknown birth/death) Title/Work: Boulangier-Marsch (Marche du boulangier) Content: Tubaphon solo with orchestral accompaniment Genre: March music Composer: Louis César Deso...
20:49, 28 June 2013	Anker-01210-3067.ogg (file)		7.94 MB	Pdproject	{{Information Description ={{en 1=Performer: Albert Müller (unknown birth/death) Title/Work: Das träumende Schneeglöckchen Content: Tubaphon solo with orchestral accompaniment Genre: Polka Composer: Louis Oertel (1866-1924) R...

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Storing



- FSC certified wood
- Supporting local craftspeople



Outlook



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Crowdfunding

 **ProjektStarter**

Dieses Projekt unterstützen auf:
www.projektstarter.ch/Public_Domain



Digitalisierung historischer Schallplatten

„Kulturgutschutz ist unser Anliegen. Wir digitalisieren historische Musik- und Filmaufnahmen, die akut vom Verfall bedroht sind. Alle gemeinfreien Musikdateien stehen nach der Digitalisierung kostenlos im freien Audioformat FLAC zum Download bereit.“

Carl Flisch

Zustupfen



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Share the data

- Integration into other projects like Wikipedia
- Integration into the europeana catalog
 - Needs Dublin-Core compliant RDFa semantic data



Outlook

Short term

- Get funding
- Public office to digitize
- Synchronization of MediaWiki metadata ↔ archive files (Tags, companion files)

Long term

- More languages
- Archive with controlled climate

We are looking for help!

- Volunteers
 - Authors
 - Linux/Mediawiki Administrators
 - SemanticMediaWiki/Wikidata Enthusiast
 - PHP/Perl/Python Developers
 - Translators (French, Italien, Japanese...)
 - **YOU!**
- Sponsors
 - Funding/Donations
 - Old records (78 RPMs etc.)

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Partners



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Sponsors



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Next at OHM

- 16:00, T4: Hacking Mona Lisa 3 -
Developments in Digital Humanities
and Cultural Heritage
- 18:00, T1: Open Source Bach
- 19:00, T2: Kimiko Ishizaka plays Bach and
Chopin (Concert)

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Contact

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BIC/SWIFT: POFICHBEXXX

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