PUBLIC DOMAIN PROJECT

A community project to preserve historical records

Public Domain Project

Christoph Zimmermann

Server Administrator
Technical Support

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Structure

- Introduction

- Legally, what means free?

- Parts of the Project

- Digitizing Process

- Outlook

- Questions and Answers

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Goals

In our opinion it is necessary to:

Collect

Protect

and <u>enable access to</u>

cultural heritage.

It belongs to all of us!

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)

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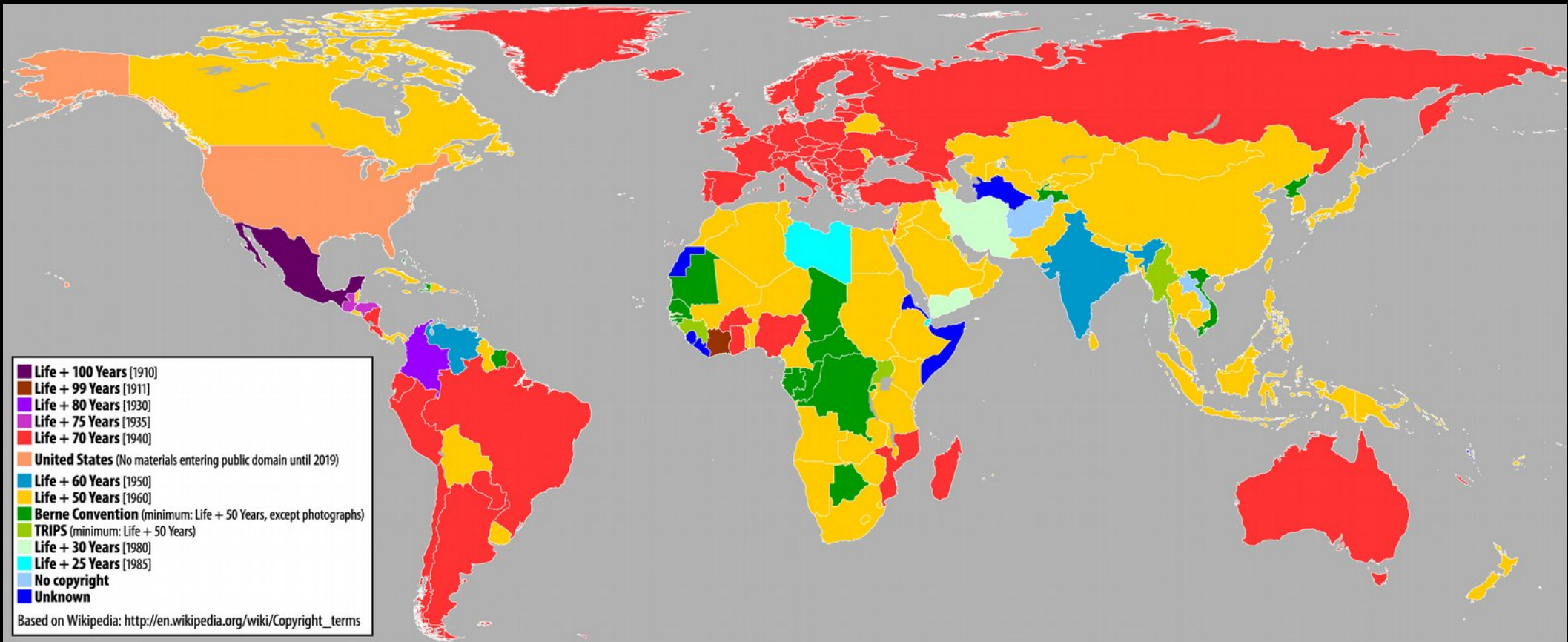
Source: Balfour Smith (Center for the Study of the Public Domain)

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

File Archive

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

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

MediaWiki based

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

Quality matters!

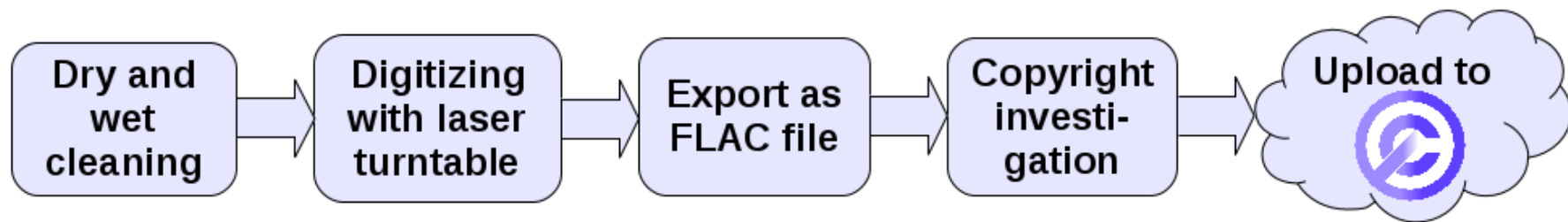Digitizing: Do it once and do it right

We share this attitude with:

Digitized Public Domain
Books

Digitized Public Domain
Music Scores

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Digitizing Process

Dry and wet cleaning → Digitizing with laser turntable → Export as FLAC file → Copyright investigation → Upload to [cloud]

Cleaning

- Very important step

  – Improves recording, reduces clicks

Cleaning

Dry cleaning (Carbon brush)	→	Wet cleaning (L'art du Son)	→	Rinsing (Distilled Water)	→	Change to clean slipmat	→	Repeat with back side

Digitizing

- Recording in 24 bit/192 kHz

- Lossless, license and patent free file format:

  - FLAC

Laser turntable

- Financed by Wikimedia (DE):

The Needle vs. The Laser
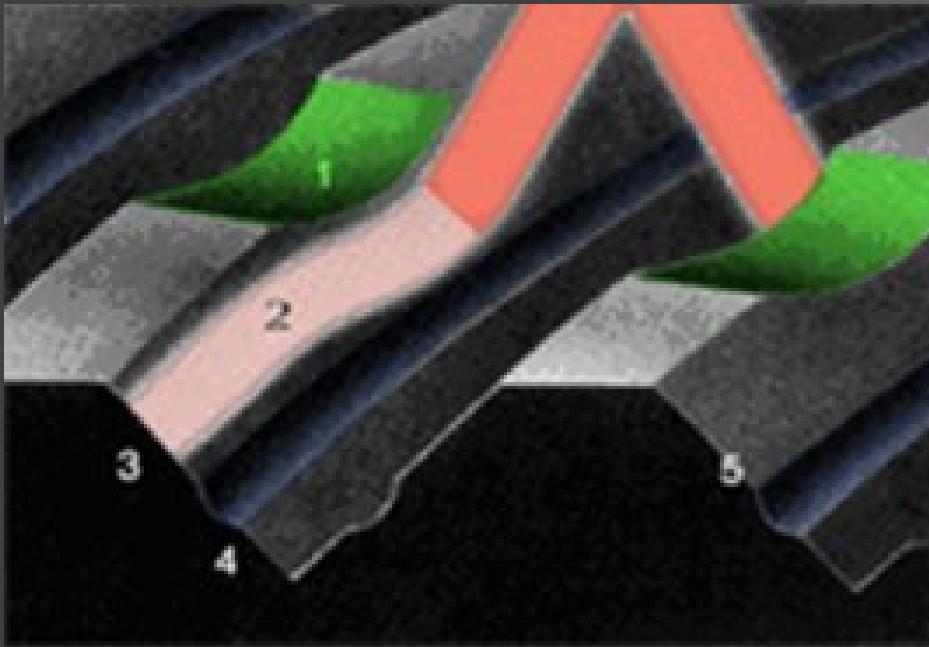
1. Scratch damage on the land area of grooves.

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, Musiktiteldb.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
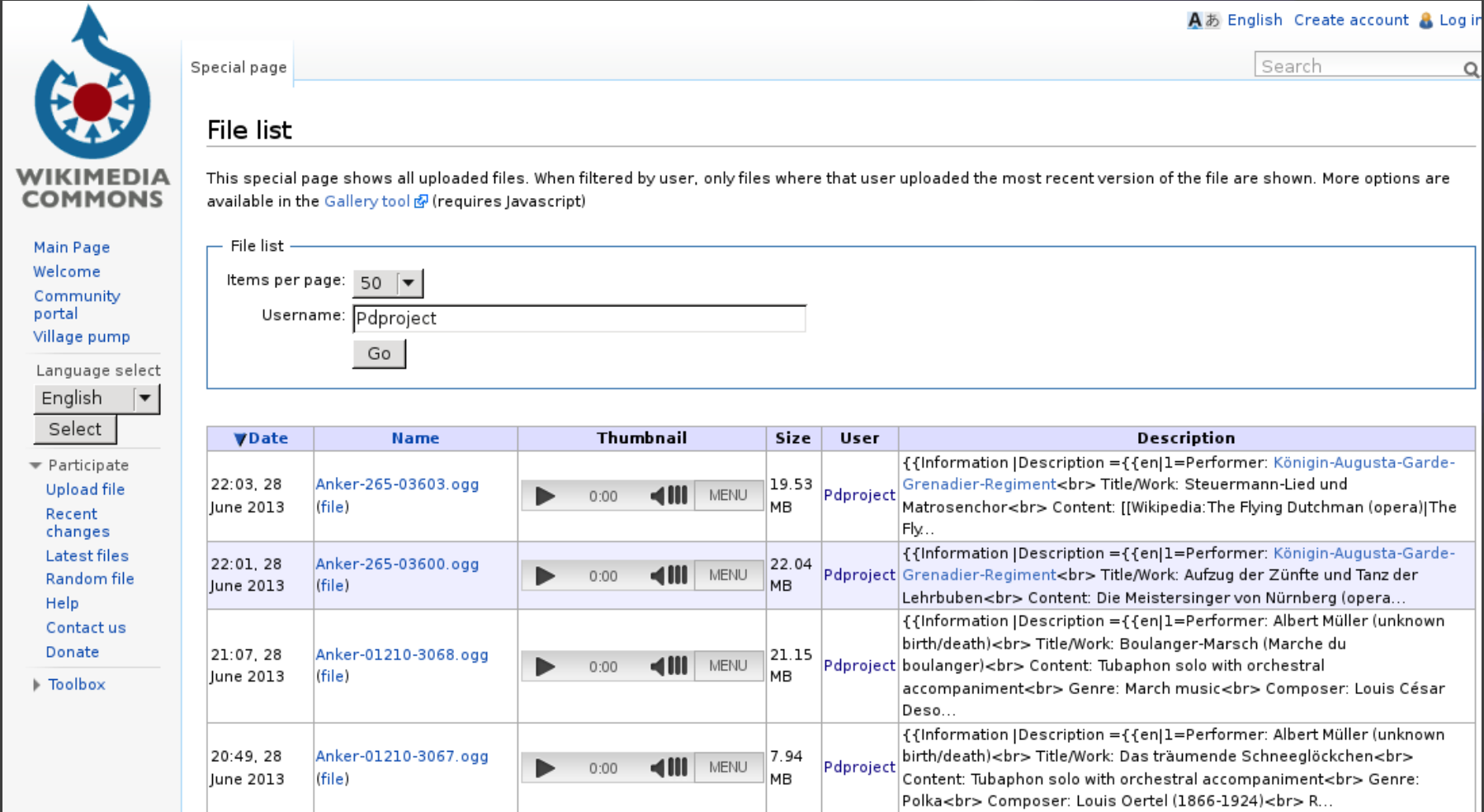
Thanks to Open Source

- 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

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Storing

- FSC certified wood

- Supporting local craftspeople

Outlook

Crowdfunding

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

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

www.**publicdomainproject**.org

Carlo Flisch   fuchur@pdproject.org

Christoph Z.   nuess0r@pdproject.org

Swiss Foundation Public Domain

Address: Bank account:

PO Box 52   Schweizerische Stiftung Public Domain

CH-8126 Zumikon   IBAN: CH6709000000854983518

Switzerland   BIC/SWIFT: POFICHBEXXX

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