



Universität
Basel

Universitätsbibliothek

Das



INTERNET ARCHIVE

eine Sammlung von Webseiten und mehr

Susanne Schaub Renaux, 3. November 2021

Das «World Wide Web»

- Wie alt ist das WWW, wo und von wem wurde es erfunden?

August 1991



Der erste WWW-Server

Tim Berners-Lee versendet an Physikerkollegen die Einladung, auf einen Hyperlink zu klicken. Sie liegt auf dem weltweit ersten WWW-Server, dem Rechner NeXT am europäischen Teilchenforschungszentrum CERN am Genfer See. Das Bild zeigt Berners-Lee mit Nicola Pellow neben dem Computer NeXT im Jahr 1991 im CERN. Pellow programmierte den Browser Line Mode, der auf verschiedenen Betriebssystemen installiert werden konnte.

April 1993

World Wide Web

The WorldWideWeb (W3) is a wide-area [hypermedia](#) information retrieval initiative aiming to give universal access to a large universe of documents.

Everything there is online about W3 is linked directly or indirectly to this document, including an [executive summary](#) of the project, [Mailing lists](#), [Policy](#), [November's W3 news](#), [Frequently Asked Questions](#).

What's out there?

Pointers to the world's online information, [subjects](#), [W3 servers](#), etc.

Help

on the browser you are using

Software Products

A list of W3 project components and their current state. (e.g. [Line Mode](#), [X11 Viola](#), [NeXTStep](#), [Servers](#), [Tools](#), [Mail robot](#), [Library](#))

Technical

Details of protocols, formats, program internals etc

Bibliography

Paper documentation on W3 and references.

People

A list of some people involved in the project.

Das WWW wird öffentlich

Tim Berners-Lee veröffentlicht seine Entwicklungen, die das WWW in der heutigen Form ermöglichen: Die Dokumentenbeschreibungssprache HTML, mit der sich Webseiten erstellen lassen, und die erste komplett öffentliche Seite des WWW.

Quelle: Regensburger, Florian, 2013 «Die Geschichte des www : vom ersten Webserver zur mobilen Revolution» <https://www.br.de/themen/ratgeber/inhalt/computer/internet-www-geschichte-100.html> (besucht 28.10.2021)


- Wie viele Webseiten gibt es im Internet?


Google: 1,83 Milliarden (Stand Januar 2021)


Das «Internet Archive» ist...

- Eine Webseite <https://www.archive.org>
- Eine Sammlung von Webseiten, Webseiten-Archiv
Wayback-Machine
- Eine **digitale Bibliothek** von:


- 588 billion [web pages](#)
- 28 million [books and texts](#)
- 14 million [audio recordings](#) (including 220,000 [live concerts](#))
- 6 million [videos](#) (including 2 million [Television News programs](#))
- 3.5 million [images](#)
- 580,000 [software programs](#)

- Eine Meta-Suchmaschine
- Eine NPO, die sich durch Spenden und Zuwendungen von Stiftungen finanziert.
- 25 Jahre alt  The Internet's Library for 25 years



Internet Archive 

INTERNET ARCHIVE



„Universal Access to All Knowledge“

Web-Archivierung /
Digitale Bibliothek

Sprachen [Englisch](#)

Sitz [San Francisco, Kalifornien, !\[\]\(8f42d78483b86945861e530255975cad_img.jpg\) Vereinigte Staaten](#)


Gründer [Brewster Kahle](#)

Betreiber [Internet Archive](#)

Redaktion [Brewster Kahle](#)

Registrierung [optional](#)

Online [1996](#)

<https://archive.org/> 

Quelle: Infobox „Internet Archive“. In: Wikipedia – Die freie Enzyklopädie. Bearbeitungsstand: 17. August 2021, 18:33 UTC. URL: https://de.wikipedia.org/w/index.php?title=Internet_Archive&oldid=214843365 (besucht: 29. Oktober 2021)

Das «Internet Archive»

<https://archive.org>

The screenshot shows the Internet Archive website homepage. At the top, there is a banner for "wayforwardmachine" with the text "Travel with us to 2046 and imagine the future of the internet". Below this is a navigation bar with icons for WEB, BOOKS, VIDEO, AUDIO, SOFTWARE, and IMAGES, along with links for SIGN UP, LOG IN, and UPLOAD. A secondary navigation bar includes links for ABOUT, BLOG, PROJECTS, HELP, DONATE, CONTACT, JOBS, VOLUNTEER, and PEOPLE. The main content area features a search bar for the Wayback Machine, which is highlighted with a red rounded rectangle. Below the search bar, there is a large red rounded rectangle containing the Internet Archive logo, a description of the organization as a non-profit library, a row of icons representing various media types with their respective counts, a search input field with a "GO" button, and an "Advanced Search" link. To the right of this section is an "Announcements" section with three news items and a "More announcements" link. At the bottom, there is a section titled "Top Collections at the Archive" with five collection cards: Cover Art Archive (1,574,295 items), American Libraries (3,489,967 items), Audio Books & Poetry (45,830 items), The LibriVox Free Audiobook... (16,062 items), and Additional Collections (20,549,288 items).

wayforwardmachine
Travel with us to 2046 and imagine the future of the internet

INTERNET ARCHIVE 25 WEB BOOKS VIDEO AUDIO SOFTWARE IMAGES SIGN UP | LOG IN UPLOAD

ABOUT BLOG PROJECTS HELP DONATE CONTACT JOBS VOLUNTEER PEOPLE

Search the history of over 616 billion web pages on the Internet.

WayBack Machine enter URL or keywords

Internet Archive is a non-profit library of millions of free books, movies, software, music, websites, and more.

18M 33M 7.3M 14M 2.3M 771K 4M 231K 1.2M

Search GO Advanced Search

Announcements
Reflections as the Internet Archive turns 25
Internet Archive Launches Collaborative, Web-Based Art Resources Preservation and Access Initiative
Brewster Kahle named to the Library of Congress' Copyright Public Modernization Committee
[More announcements](#)

Top Collections at the Archive

Collection Name	Number of Items
Cover Art Archive	1,574,295
American Libraries	3,489,967
Audio Books & Poetry	45,830
The LibriVox Free Audiobook...	16,062
Additional Collections	20,549,288

Eine Sammlung von Webseiten

<https://web.archive.org/>

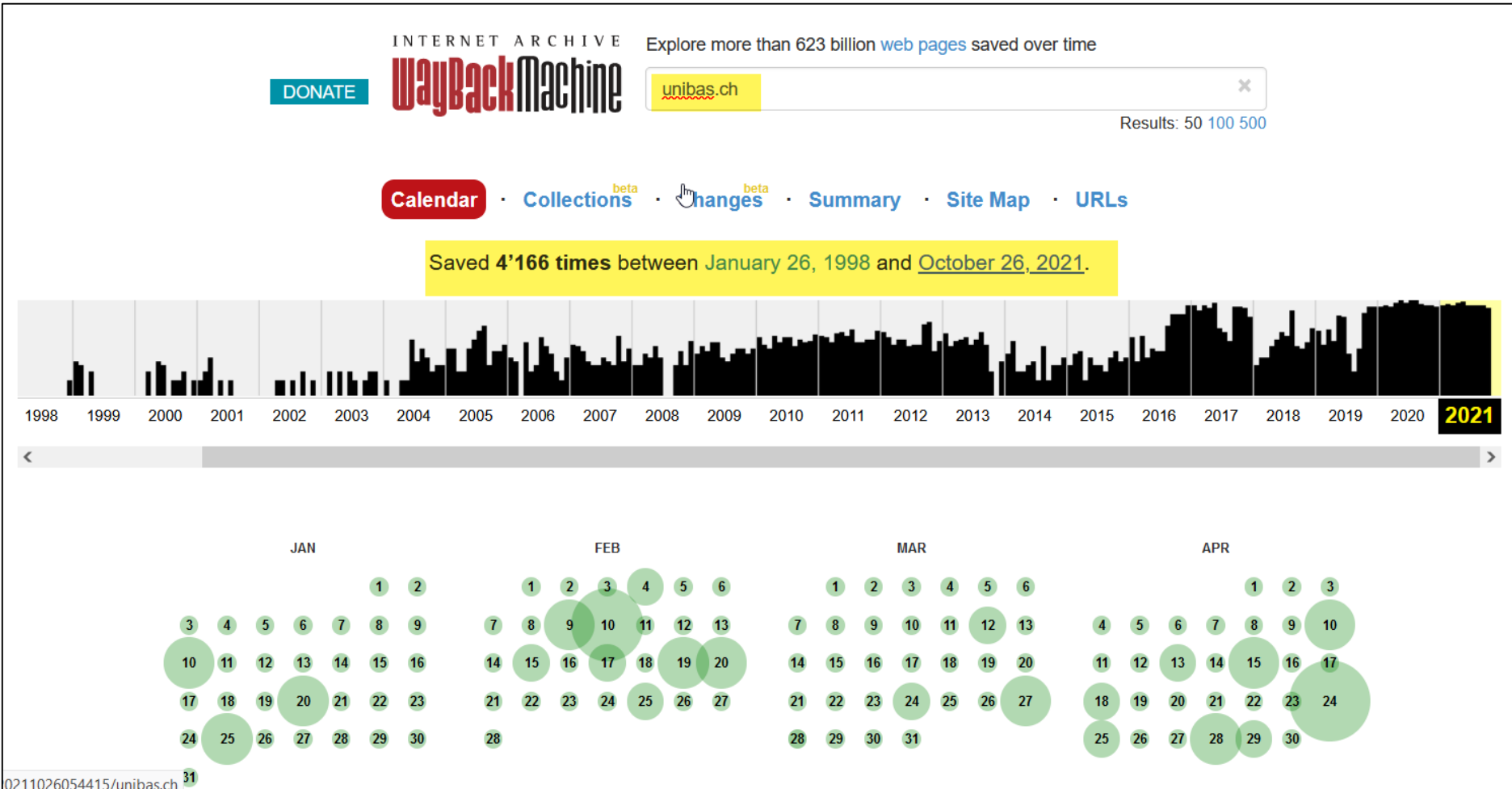
INTERNET ARCHIVE
WayBackMachine

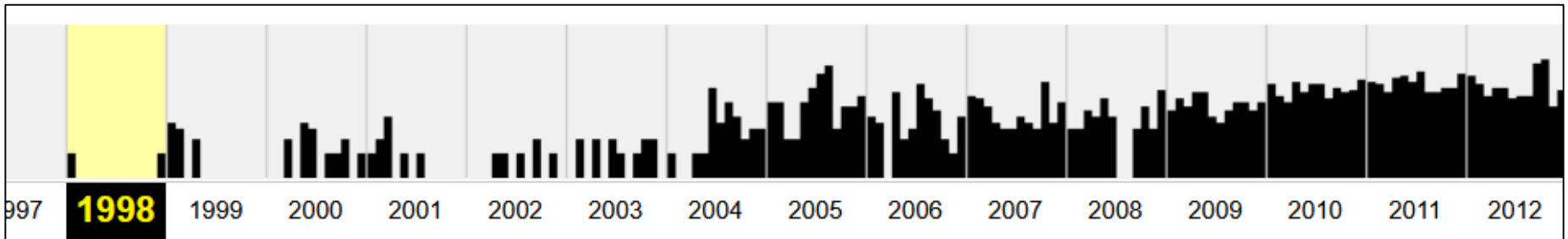
The screenshot shows the top navigation bar of the Internet Archive website. It includes the Internet Archive logo, a '25' anniversary badge, and various icons for browser, books, film, audio, and images. On the right, there are links for 'SIGN UP | LOG IN' and 'UPLOAD', along with a search bar. Below the navigation bar is a menu with links: ABOUT, BLOG, PROJECTS, HELP, DONATE (with a red heart icon), CONTACT, JOBS, VOLUNTEER, and PEOPLE.

The main content area features the Internet Archive logo and the text 'Explore more than 623 billion web pages saved over time'. A search bar contains the text 'unibas.ch', with a red arrow pointing to it. To the right of the search bar, it says 'Results: 50 100 500'. Below the search bar is a row of eight thumbnail images representing different archived web pages.

Bsp. www.unibas.ch

über 4166 mal archiviert ab 1998





Mon, 26 Jan 1998 14:27:54 GMT (why: [20thcenturyweb](#), [alexa_gr](#), [alexacrawls](#))

JAN							FEB							MAR						
			1	2	3		1	2	3	4	5	6	7	1	2	3	4	5	6	7
4	5	6	7	8	9	10	8	9	10	11	12	13	14	8	9	10	11	12	13	14
11	12	13	14	15	16	17	15	16	17	18	19	20	21	15	16	17	18	19	20	21
18	19	20	21	22	23	24	22	23	24	25	26	27	28	22	23	24	25	26	27	28
25	26	27	28	29	30	31								29	30	31				

Bsp. Webseite der Universität Basel am 26.1.1998

INTERNET ARCHIVE
Wayback Machine

http://www.unibas.ch/ Go DEC JAN DEC
26
1998 1999

4,166 captures
26 Jan 1998 - 26 Oct 2021

About this capture



[email-Adressen](#) | [Dozierenden-Adressen](#) | [Universitätsbibliothek](#)

[Suchen](#) | [Universität](#) | [Studium](#) | [Departemente & Institute](#) | [Lehre](#) | [Forschung](#) | [Dienste](#) | [Stadt](#) | [News](#)

-- [Neue Seiten](#) --

UNIVERSITÄT BASEL

[SUCHEN](#)

Email, Dozierende, WWW ...

[FORSCHUNG](#)

Forschungsschwerpunkte, Wiss.
Publikationen, nationale und europäische
Forschungsprogramme

... und mehr eine digitale Bibliothek *and other cultural artifacts in digital form*

Übergeordnete Inhaltssuche (Metasuche) für folgende Medien:

- Internet
- Texte / Bücher
- Video (TV, Film)
- Audio
- Bilder
- Daten
- Software
- Konzerte

The screenshot shows the Internet Archive homepage. On the left, a blue and purple banner celebrates the 25th anniversary with the text "Internet Archive turns 25" and a link "Celebrate with us". On the right, a white box contains the text "Internet Archive is a non-profit library of millions of free books, movies, software, music, websites, and more." Below this text are icons for various media types with their respective item counts: 19M (websites), 33M (books), 7.3M (movies), 14M (audio), 2.3M (TV), 778K (software), 4M (images), 231K (microphones), and 1.2M (lists). A search bar with a "GO" button and a link to "Advanced Search" is also visible.

Top Collections at the Archive

Collection Name	Item Count
Cover Art Archive	1'585'898 ITEMS
Audio Books & Poetry	46'966 ITEMS
The LibriVox Free Audiobook...	16'087 ITEMS
Additional Collections	20'559'136 ITEMS

Zugang zu Sammlungen
(zB «Biodiversity Heritage Library»,
«PubMed Central»,
«Public library of India»,
«Islamic sermons and lessons»,
«Grateful Dead»,
«The Library of Congress»)

Bsp. Meta-Suche «Basel»

Search **GO** [Share](#) [Favorite](#) [Play All](#)

Search metadata [Advanced Search](#)

Search text contents

Search TV news captions

Search radio transcripts

Search archived web sites

11,144 RESULTS

SORT BY RELEVANCE · VIEWS · TITLE · DATE ARCHIVED · CREATOR

Media Type

<input type="checkbox"/> texts	8,163
<input type="checkbox"/> movies	1,486
<input type="checkbox"/> audio	790
<input type="checkbox"/> web	388
<input type="checkbox"/> images	120
<input type="checkbox"/> data	82

[More](#)

Availability

<input type="checkbox"/> Lending Library	1,943
<input type="checkbox"/> Always Available	1,721
<input type="checkbox"/> Borrow 14 Days	701

Year

<input type="checkbox"/> 2021	111
<input type="checkbox"/> 2020	144
<input type="checkbox"/> 2019	303
<input type="checkbox"/> 2018	481
<input type="checkbox"/> 2017	255
<input type="checkbox"/> 2016	179

[More](#)

1898 Malayalam Hymn Book - Basel Mission - by Basel Mission
MALAYALAM
HYMN-BOOK
കൃത്യം അതി നമ്മുടെ
[Kannada, Basel Mission, 1910 edition]
[Kannada, Basel Mission, 1910 edition]
MANGALORE
BASEL MISSION BOOK AND TRACT DEPOSITORY
1910

Öffentliche Kunstsammlung Basel : Katalog
1961
Öffentliche Kunstsammlung Basel : by Öffentliche Kunstsammlung Basel
142 1 0

Architekturführer Basel
Architekturführer Basel : die Baugeschichte der
by Huber, Dorothee
25 2 0

Kurt Brägger : Zoo Basel 1953-88 :
by Blaser, Werner, 1924-2019
7 1 0

Verhandlungen der Naturforschenden Gesellschaft in Basel.
Naturforschenden Gesellschaft
Basel.
Neunzehnter Band.
Mit einem Bild in Leinwand, 4 Tafeln und 16 Text-
Tafeln.
Basel
Hessig & Witz, Verleger
1908

Verhandlungen der Naturforschenden Gesellschaft in Basel
2,017 0 0


Verhandlungen der Naturforschenden Gesellschaft in Basel.
Naturforschenden Gesellschaft
Basel.
Zehnter Band.
Mit einem Bild in Leinwand, 4 Tafeln und 16 Text-
Tafeln.
Basel
Hessig & Witz, Verleger
1908

Die Pflanzenwelt der Region Basel

Berichte der Öffentlichen Bibliothek
Vierteljahrlicher Anhalt
der Öffentlichen Kunstsammlung
für das Jahr 1900.
Festgabe zum Jahresbericht der dreizehntägigen Stabskollektive
Basel.
Basel
Basler Buch- und Verlags-Anstalt
1901

Durchbruch und Festsetzung der Reformation in Basel
Band 2
Basel
Paul Roth
Verleger

Bsp. Video: Interview Dr. Susan Gasser Friedrich-Miescher Institut Basel 14.8.2017



Dr Susan Gasser
Friedrich Miescher Institute, Basel, Switzerland

What is the impact of TOR on nuclear dynamics?
by Dr Susan Gasser - Friedrich Miescher Institute, Basel, Switzerland

Publication date: 2017-08-14

Dr Gasser talks to ecanocertv at the PI3K-Like Protein Kinases meeting about the impact of TOR on nuclear dynamics.

Notes
This material may be protected by copyright law (Title 17 U.S. Code).

Addeddate: 2019-12-18 03:27:14
Artist: Dr Susan Gasser - Friedrich Miescher Institute, Basel, Switzerland
Copyright: © 2015 ecanoer
Episode_url: <https://podcasts.apple.com/us/podcast/what-is-the-impact-of-tor-on-nuclear-dynamics/id1271321904?i=1000391013116>
External-identifier: urn:itunes:podcast:episode:1000391013116
Identifier: podcast_pi3k-abcam-2015_what-is-impact-tor-on-n_1000391013116
Keywords: episode, podcast, itunes, apple
Podcast: PI3K ABCam 2015
Podcast_url: <https://itunes.apple.com/us/podcast/pi3k-abcam-2015/id1271321904>
Rating: clean
Scanner: Internet Archive Python library 1.8.5
Software_version: iTunes Podcasts Archive 20191130.09

1 View

DOWNLOAD OPTIONS

ITEM IMAGE	1 file
ITEM TILE	1 file
MPEG4	1 file
TORRENT	1 file

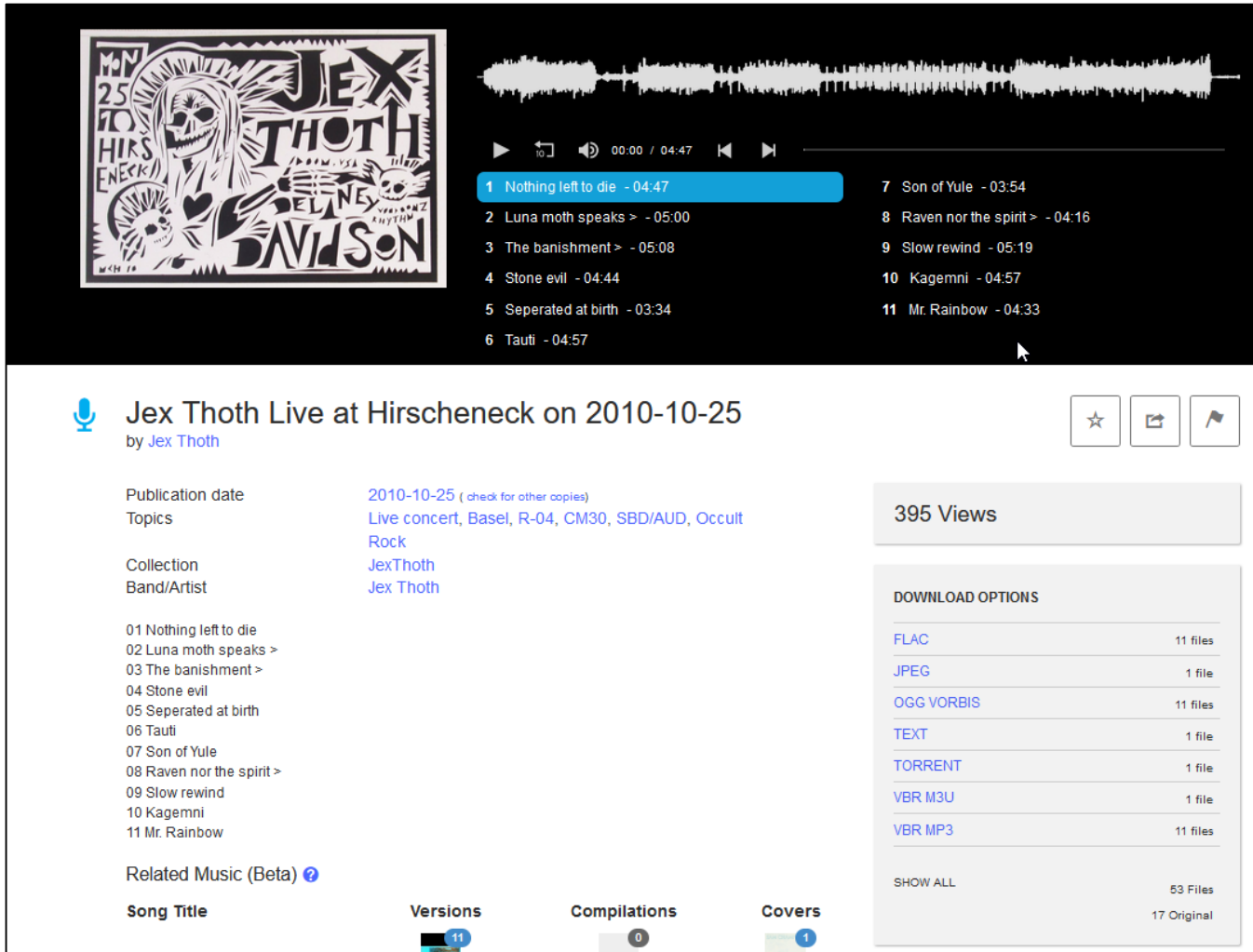
SHOW ALL: 8 Files, 8 Original

IN COLLECTIONS

- PI3K ABCam 2015
- Podcasts

Uploaded by

Bsp. Konzert Mitschnitt (etree): Die Band Jex Thoth im Hirschi, 25.10.2010



The screenshot shows a music player interface for a live concert recording. At the top left is a square album cover with a black and white illustration of a skull with long hair, surrounded by text including 'JEX THOTH', 'DAVIDSON', and 'HIRSCHENECK'. To the right of the cover is a waveform visualization of the audio. Below the waveform is a playback control bar with a progress indicator at 00:00 / 04:47. A tracklist is displayed below the player, with the first track 'Nothing left to die - 04:47' highlighted in blue. The tracklist includes 11 tracks in total. Below the tracklist is a section titled 'Jex Thoth Live at Hirscheneck on 2010-10-25' by Jex Thoth, featuring a microphone icon and three utility icons (star, share, flag). This section contains metadata such as 'Publication date: 2010-10-25', 'Topics: Live concert, Basel, R-04, CM30, SBD/AUD, Occult Rock', and 'Collection: JexThoth'. A '395 Views' badge is visible. Below the metadata is a 'DOWNLOAD OPTIONS' section with a table of file formats and their corresponding file counts. At the bottom, there are tabs for 'Song Title', 'Versions' (11), 'Compilations' (0), and 'Covers' (1).

Jex Thoth Live at Hirscheneck on 2010-10-25
by Jex Thoth

Publication date: 2010-10-25 (check for other copies)
Topics: Live concert, Basel, R-04, CM30, SBD/AUD, Occult Rock
Collection: JexThoth
Band/Artist: Jex Thoth

01 Nothing left to die
02 Luna moth speaks >
03 The banishment >
04 Stone evil
05 Separated at birth
06 Tauti
07 Son of Yule
08 Raven nor the spirit >
09 Slow rewind
10 Kagemni
11 Mr. Rainbow

Related Music (Beta) ?

Download Option	Files
FLAC	11 files
JPEG	1 file
OGG VORBIS	11 files
TEXT	1 file
TORRENT	1 file
VBR M3U	1 file
VBR MP3	11 files
SHOW ALL	53 Files 17 Original

Song Title	Versions	Compilations	Covers
	11	0	1

Das «Internet Archive» hinterfragt

- Welche Webseiten werden archiviert?

Auswahl aus Alexa Internet, aber über einen freien Account kann jedermann Medien zur Speicherung hochladen.

- Welche Vorteile soll das «Internet Archive» haben gegenüber anderen Portalen zur Archivierung kulturellen Erbes, z.B. Europeana?

Vorteile: 25 Jahr Erfahrung in Webarchivierung, weltweite Sammelaktivität, Zusammenarbeit mit über 750 Bibliotheken und anderen Partnern über «Archive it» Programm (Selektion).

Think big !

Der grösste Wissensspeicher der Welt

«Our mission is to provide Universal Access to All Knowledge.»

vor Ort im «Internet Archive»

Fotos Susanne Schaub 2018





Internet Archive
300 Funstone Avenue
San Francisco

Der 1923 erbaute Tempel
beherbergte bis ca. 2010
die «Christian Science»





Brewster Kahle (* 22. Oktober 1960 in New York) ist ein US-amerikanischer Informatiker, Unternehmer und Aktivist. Er leitet das 1996 von ihm gegründete Internet Archive.



Zum Entdecken

- **Videos mit Brewster Kahle:**

Zum 25 Jahre Jubiläum: <https://anniversary.archive.org/>

Führung im eigenen Digitalisierungszentrum:

<https://de.wikipedia.org/wiki/Datei:Internet-archive-brewster-kahle-2013-0329.webm>

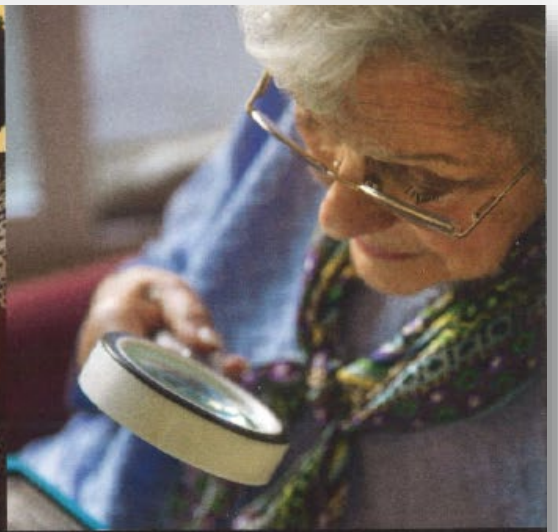
- **The wayforward machine:**

<https://wayforward.archive.org/>



- **Literatur:**

Homberg, Michael: Das Internet ist reif fürs Archiv. In: NZZ, 23.4.2018



INTERNET ARCHIVE

Knowledge at your fingertips. Forever. For Free. <https://archive.org>



Werbebotspekt des Internet Archive, Vorderseite (nächste Folie: Rückseite)



TEN WAYS TO EXPLORE THE INTERNET ARCHIVE

1. **Pick a place & time you want to explore.** Search our [eBooks and Texts](#) collection and download or borrow one of 3 million books for free, offered in many formats, including PDFs and EPub.
2. **Enter a time machine of old time films.** Explore films of historic significance in the [Prelinger Archives](#).
3. **Want to listen to a live concert?** The [Live Music Archive](#) holds more than 12,000 Grateful Dead concerts.
4. **Who Knows What Evil Lurks in the Hearts of Men?** Only the Shadow knows. You can too. Listen to "The Shadow" as he employs his power to cloud minds to fight crime in [Old Time Radio](#).
5. **To read or not to read?** Try listening to Shakespeare with the [LibriVox Free Audiobook Collection](#).
6. **Need a laugh?** Search the [Animation Shorts](#) collection for an old time cartoon.
7. **Before there was Playstation 4... there was Atari.** Play a classic video game on an emulated old time console, right in the browser. Choose from hundreds of games in the [Internet Arcade](#).
8. **Are you a technophile?** Take the Oregon Trail or get nostalgic with the Apple][programs. You have instant access to decades of computer history in the [Software Library](#).
9. **Find a television news story you missed.** Search our [Television News Archive](#) for all the channels that presented the story. How do they differ? Quote a clip from the story and share it.
10. **Has your favorite website disappeared?** Go to the [Wayback Machine](#) and type in the URL to see if this website has been preserved across time. Want to save a website? Use "Save Page Now."
11. **What does it take to become an archivist?** It's as simple as creating your own [Internet Archive](#) account and diving in. Upload photos, audio, and video that you treasure. Store them for free. Forever.

Find a treasure trove of books, film, web pages, and more. <https://archive.org>

Internet Archive, 300 Funston Avenue, San Francisco, CA 94110 | 415 561 6767 | Facebook: @internetarchive | Twitter: @internetarchive





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Vielen Dank
für Ihre Aufmerksamkeit.