

From Book to Digital Archive

Workflow at University Library Basel



TOC

- Introduction
 - Workflow – Digitization
 - Workflow – Metadata
- Workflow – OCFL
 - OCFL
 - Software gocfl
 - OCFL Native Archive
- Reporting

Digital Archive Content

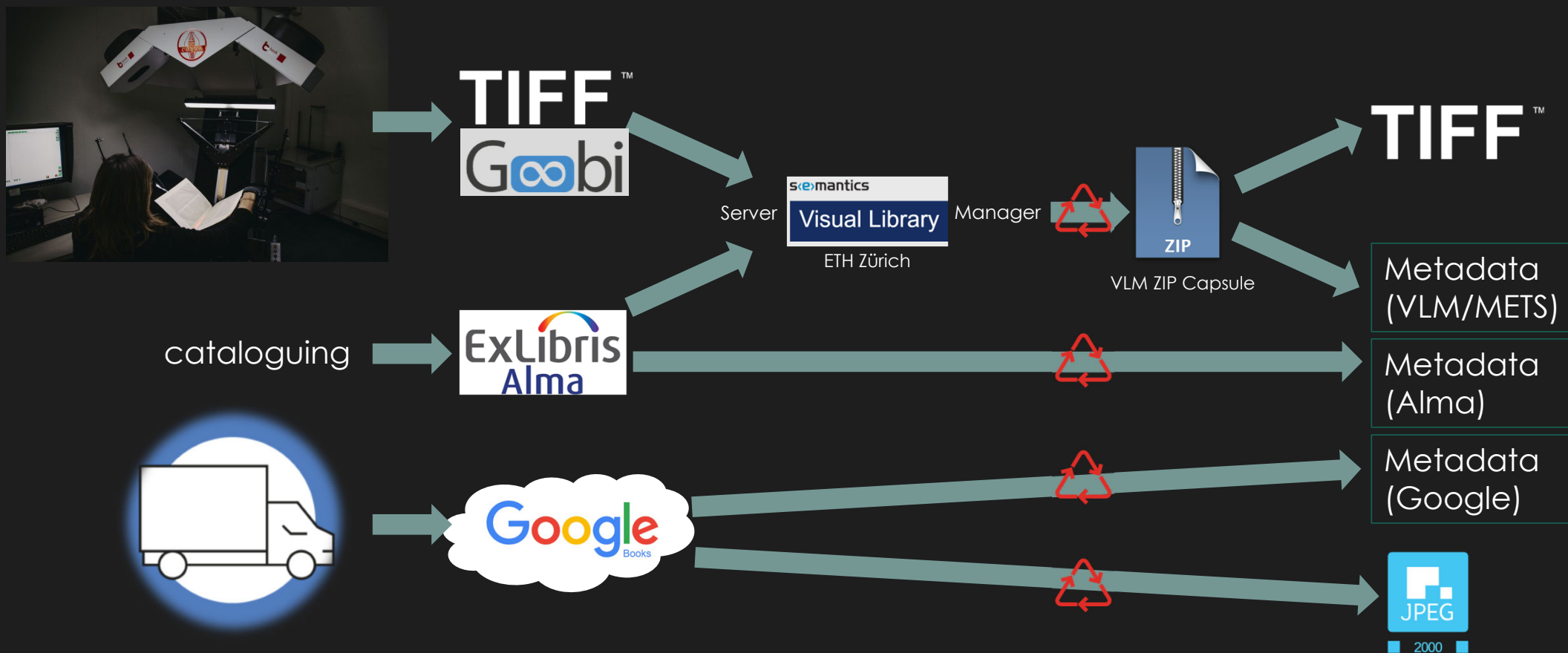
- Digitised copies of books, newspapers, sheet music, flyers
- Image collections
- Time-based media
- ...

300'000 Books

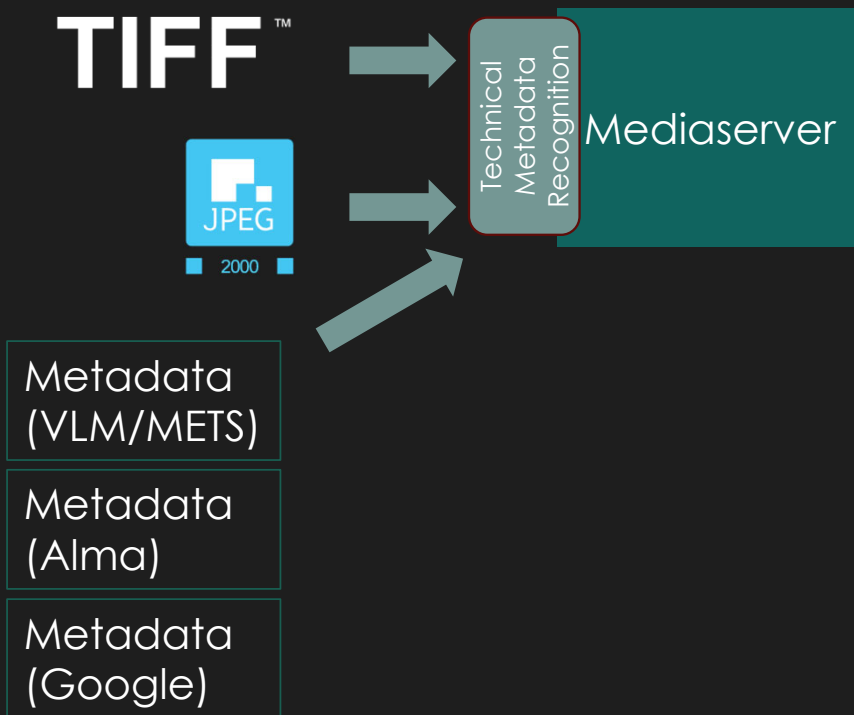
4'000'000 Pages

300 TB Data

Focus Workflow: Books



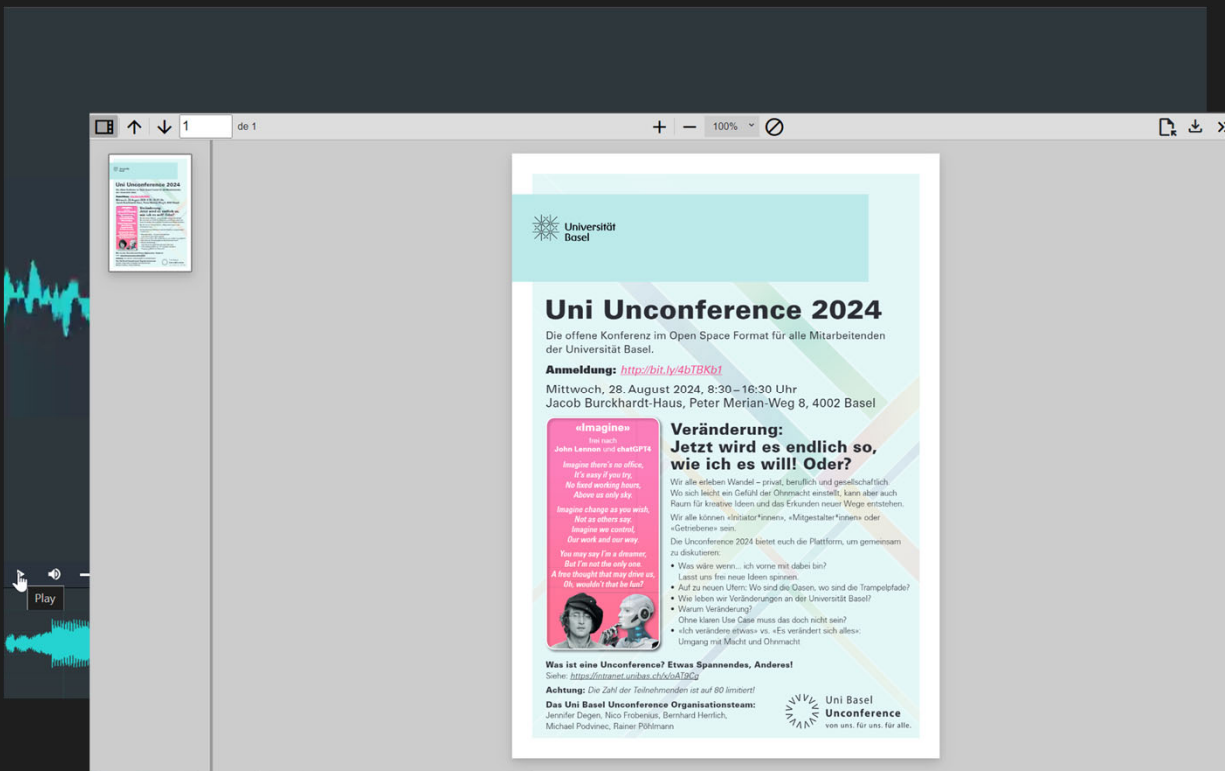
Focus Workflow: Books



Mediaserver



Mediaserver



The screenshot shows a media player interface with a poster for the Uni Unconference 2024. The poster is the central focus, featuring the University of Basel logo and the event title. It includes details about the date, time, and location, as well as a list of speakers and a call to action. The media player interface includes a play button, a progress bar, and a volume control icon.

de 1

100%

Universität
Basel

Uni Unconference 2024

Die offene Konferenz im Open Space Format für alle Mitarbeitenden der Universität Basel.

Anmeldung: <http://bit.ly/4bTBKb1>

Mittwoch, 28. August 2024, 8:30–16:30 Uhr
Jacob Burckhardt-Haus, Peter Merian-Weg 8, 4002 Basel

«Imagine»
It's not... it's not...
John Lennon und Yoko Ono
Imagine there's no offices,
It's easy if you try,
No hard working hours,
Above us only sky.
Imagine change as you wish,
Not so others say,
Imagine no enemies,
Our work and our way.
You may say I'm a dreamer,
But I'm not the only one,
I've thought that may one day
Oh, wouldn't that be fun?

**Veränderung:
Jetzt wird es endlich so,
wie ich es will! Oder?**

Wir alle erleben Wandel – privat, beruflich und gesellschaftlich. Wo sich leicht ein Gefühl der Ohnmacht einstellt, kann aber auch Raum für kreative Ideen und das Erkunden neuer Wege entstehen. Wir alle können «initiator*innen», «Mitgestalter*innen» oder «Gestaltungsgenie» sein. Die Unconference 2024 bietet euch die Plattform, um gemeinsam zu diskutieren.

- Was wäre wenn... ich vorne mit dabei bin?
- Lass uns frei neue Ideen spinnen.
- Auf zu neuen Ufern! Wo sind die Dassen, wo sind die Trampelpfade?
- Wie leben wir Veränderungen an der Universität Basel?
- Warum Veränderung?
- Ohne klaren Use Case muss das doch nicht sein?
- «Ich verändern etwas» vs. «Es verändert sich alles».
- Umgang mit Macht und Ohnmacht

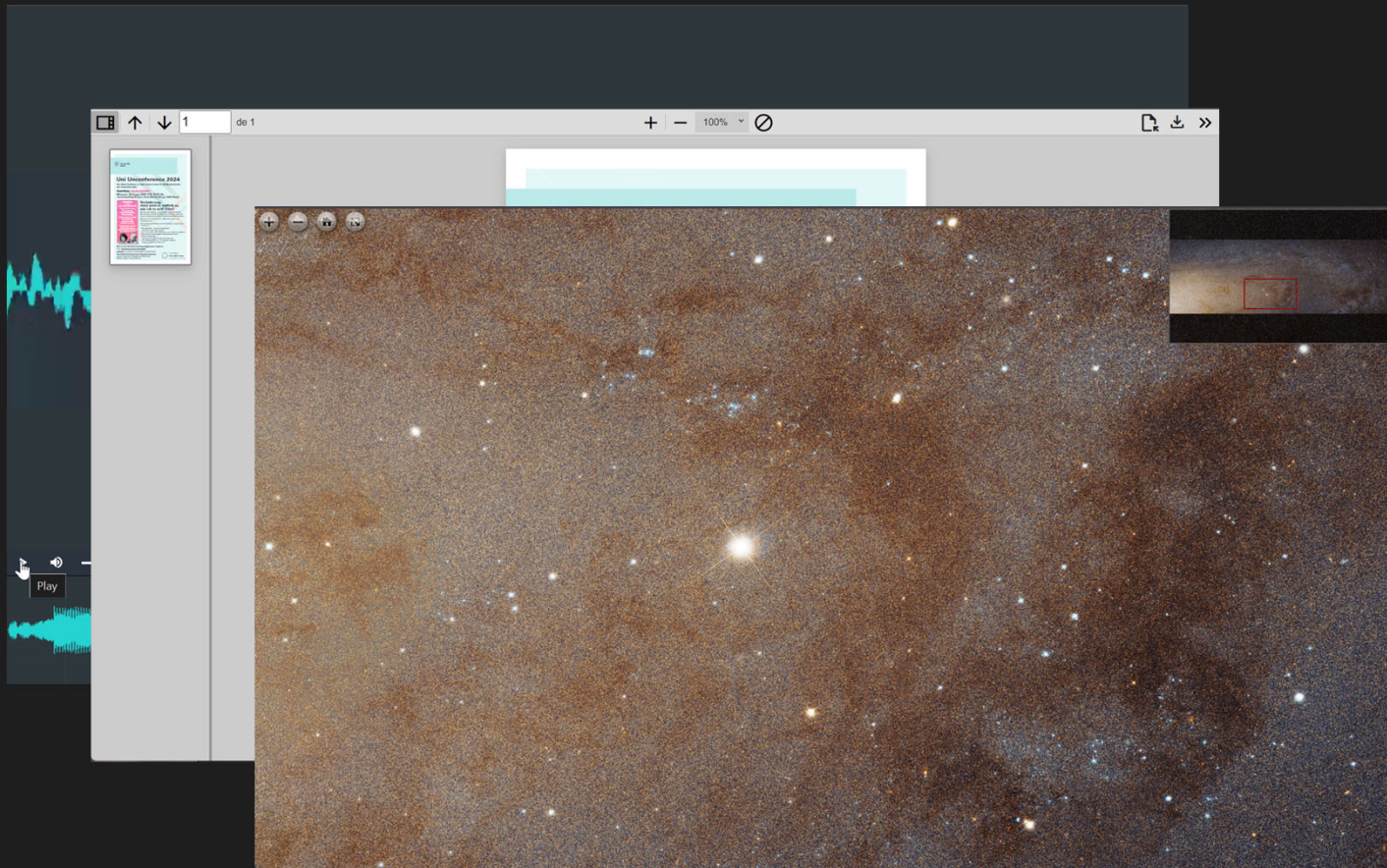
Was ist eine Unconference? Etwas Spannendes, Anderes!
Siehe: <https://internet.unibas.ch/obj/4762/>

Achtung: Die Zahl der Teilnehmenden ist auf 80 limitiert!

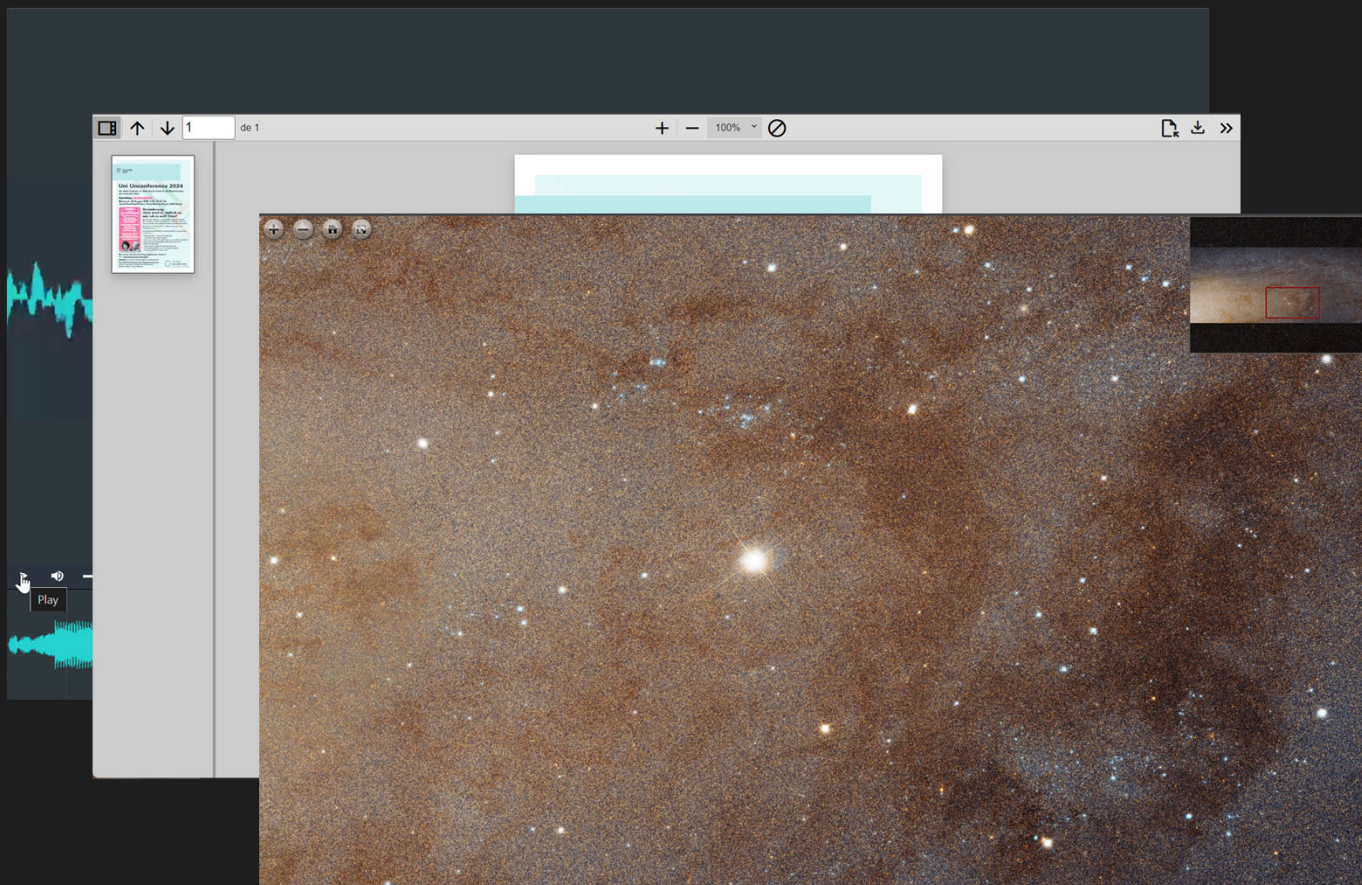
Das Uni Basel Unconference Organisationsteam:
Jensler Degler, Nico Frobenius, Bernhard Henrich,
Michael Podvinac, Rainald Pöhlmann

Uni Basel
Unconference
von uns. für uns. für alle.

Mediaserver



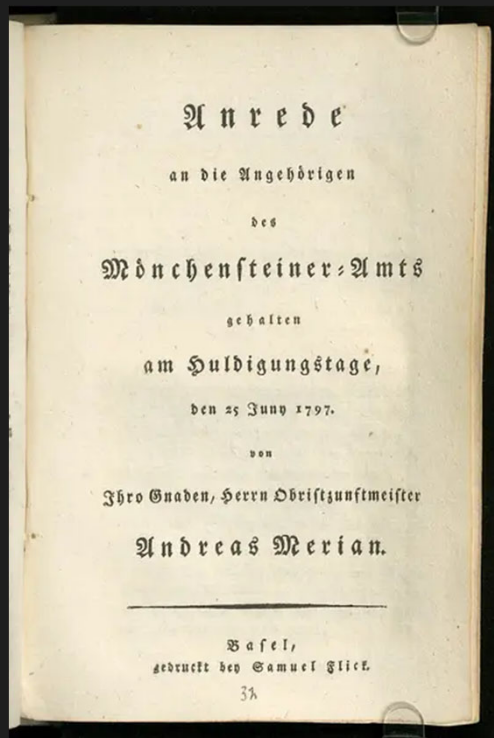
Mediaserver



```
{
  path: "vfs://drive/c/03. Cubezar Hamburger Jung - In Love (Extended Version).mp3",
  type: "audio",
  width: 1080,
  height: 1080,
  pronom: "fmt/134",
  - pronoms: [
    "fmt/134"
  ],
  subtype: "mp3",
  duration: 364,
  - metadata: {
    - ffprobe: {
      - format: {
        size: "0",
      },
      - tags: {
        date: "2018",
        album: "Dream Trance Vol. 1",
        genre: "Trance",
        title: "In Love (Extended Version)",
        track: "3/37",
        artist: "Cubezar Hamburger Jung",
        encoded_by: "Team ZzzZ"
      },
      filename: "fd:",
      bit_rate: "",
      duration: "364.120816",
      nb_streams: 2,
      format_name: "mp3",
      nb_programs: 0,
      probe_score: 51,
      format_long_name: "MP2/3 (MPEG audio layer 2/3)"
    },
    - streams: [
      - {
        id: "",
        refs: 0,
        index: 0,
        level: 0,
        width: 0,
        height: 0,
        pix_fmt: "",
        profile: "",
        bit_rate: "320000",
        duration: "364.120816",
        codec_tag: "0x0000",
        time_base: "1/14112000",
        codec_name: "mp3",
        codec_type: "audio",
        coded_width: 0,
        - disposition: {
          dub: 0,
          forced: 0,
        }
      }
    ]
  }
}
```

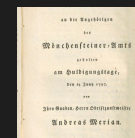
Mediaserver

resize/size800x600/formatwebp



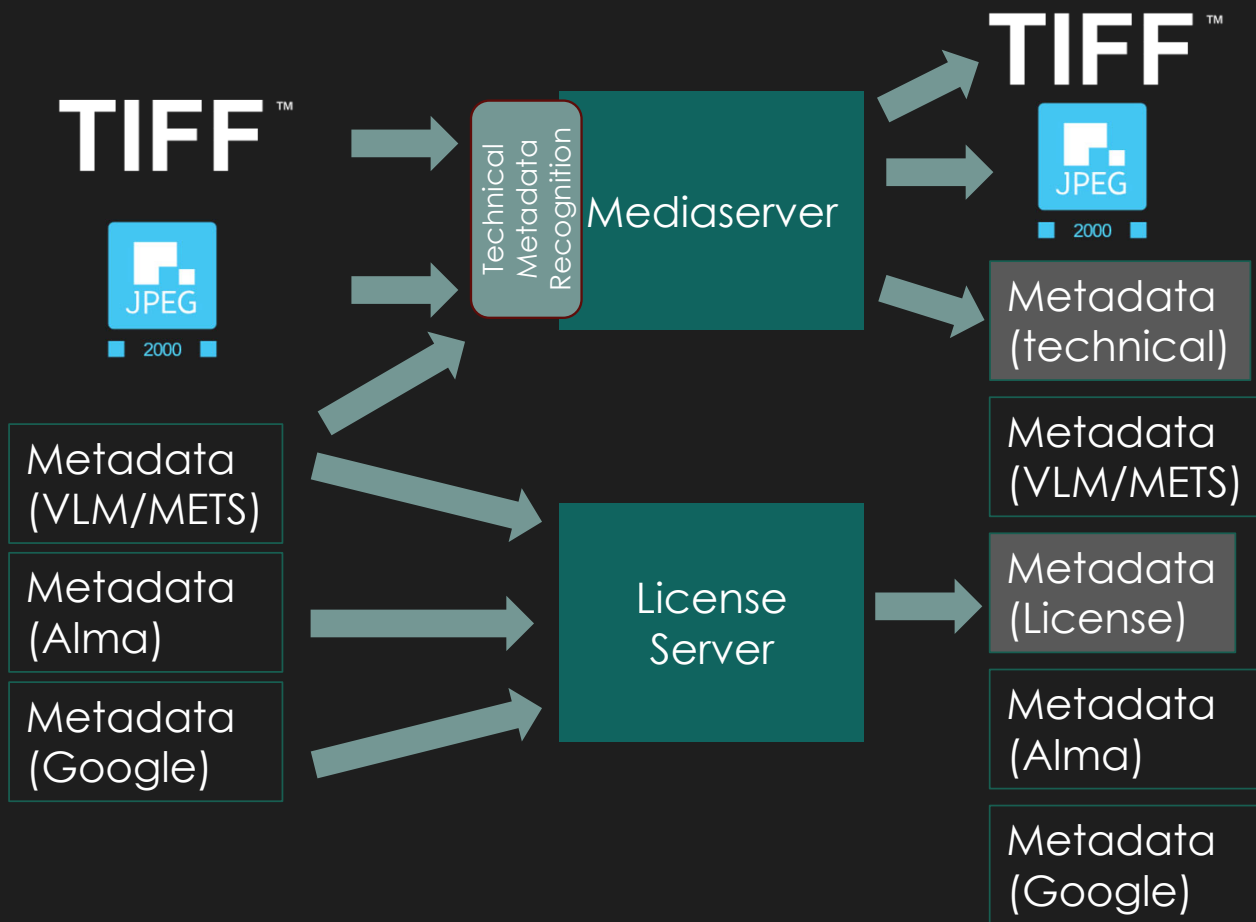
Anfrage-URL:	https://localhost:8761/test/10_3931_e-rara-117673_20230922T115950_master_ver1.zip_10_3931_e-rara-117673_image_29328435.tif/resize/size800x600/formatwebp
Anfragemethode:	GET
Statuscode:	● 200 OK
Remote-Adresse:	[*]:8761
Richtlinien Für Referrer-URL:	strict-origin-when-cross-origin
▼ Antwortheader	
Accept-Ranges:	bytes
Content-Length:	18038
Content-Type:	image/webp
Date:	Thu, 11 Jul 2024 12:20:25 GMT
Last-Modified:	Thu, 11 Jul 2024 12:19:52 GMT

resize/size240x240/crop/formatjpeg

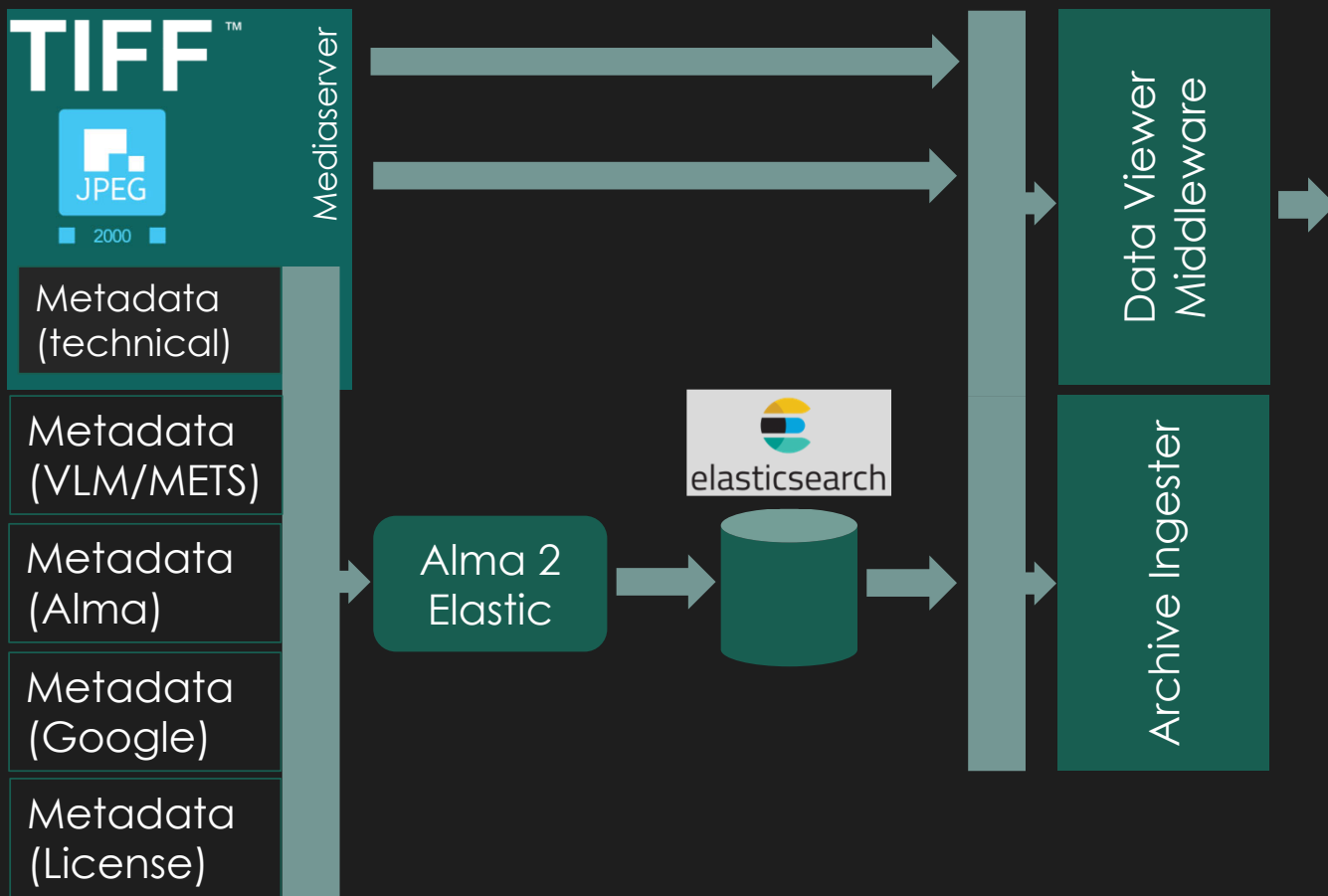


Anfrage-URL:	https://localhost:8761/test/10_3931_e-rara-117673_20230922T115950_master_ver1.zip_10_3931_e-rara-117673_image_29328435.tif/resize/size240x240/crop/formatjpeg
Anfragemethode:	GET
Statuscode:	● 200 OK
Remote-Adresse:	[*]:8761
Richtlinien Für Referrer-URL:	strict-origin-when-cross-origin
▼ Antwortheader	
Accept-Ranges:	bytes
Content-Length:	19771
Content-Type:	image/jpeg
Date:	Thu, 11 Jul 2024 12:24:09 GMT
Last-Modified:	Thu, 11 Jul 2024 12:24:09 GMT

Focus Workflow: Books



Focus Workflow: Books



The screenshot shows a digital library interface. On the left, a list of records includes:

- Exercitatio Sacra De Pontifice Maximo Vet. Test. Typo Jesu Christi Pontificis Nostris**
Autor Werenfels, Peter (1627-1703)
Publikation Basileae : Literis Joh. Ludovici Koenig Et Johannis Brandmylleri, Anno M DC LXXXV
- Ioh. Rod. Wetsteinius fil**
Publikation [zwischen 1670 und 1711]
- Johannes Grynaeus. s. th. d. n. test. prof**
Autor Foto-Hinz SWB (Basel)
Publikation [ca. 1750?]
- Joh. Ludovicus Frey S. Th. D. vet. test. prof. bibliothec**
Autor Foto-Hinz SWB (Basel)
Publikation Basel : [Foto-Hinz SWB], [zwischen 1970-1990]
- Ioh. Zvingerus s. th. d. & n. test. prof**
Autor Brandmüller, Gregor
Publikation 1687
- Oratio panegyrica historiam vitae & mortis continens ... Iohannis Zvingeri, S. theol. doctoris, Novi Test. professoris ...**
Autor Wettstein, Johann Rudolf (1647-1711)
Publikation Basileae : typis Iacobi Bertschli, anno 1696
- Io. Rod. Wetstenius. s. th. d. & n. test. prof**
Autor Meyer, Johann Georg
Publikation [1665?]

The right side shows a detailed view of a portrait of **Joh. Ludovicus Frey S. Th. D. vet. test. prof. bibliothec**. It includes a color calibration chart and a **Datensatz anzeigen** button.

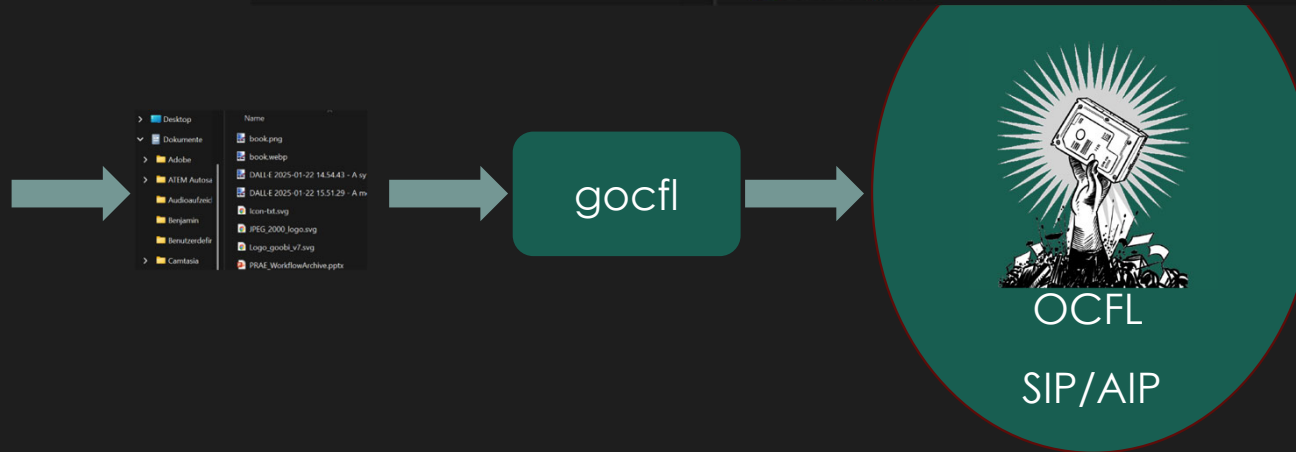
EXTERNER ZUGANG
Vor Ort verfügbar:
UB Hauptbibliothek, UBH Portr BS Frey JI. 1682, 2b
UB Hauptbibliothek, UBH Portr BS Frey JI. 1682, 2a
[groups.access.swisscollectionsUrl](#)
[swisscollections](#)

DESCRIPTION
Refnummer
UBH Portr BS Frey JI. 1682, 2b
UBH Portr BS Frey JI. 1682, 2a
Porträt
Frey, Johann Ludwig (1682-1759)

Focus Workflow

oai-alma-41SLSP_UBS-99195233101	Name	Typ	Komprimierte Größe	Kennwo
data	enhanced_meta.json	JSON-Datei	5 KB	Nein
fulltext	info.xml	XML-Datei	1 KB	Nein
image	licenses.json	JSON-Datei	1 KB	Nein
transcription	marc.json	JSON-Datei	1 KB	Nein
index	marc.mrc	MRC-Datei	1 KB	Nein
metadata	marc.xml	XML-Datei	1 KB	Nein
	sammlung.md	MD-Datei	1 KB	Nein

Archive Ingestor



OCFL – Oxford Common File Layout (<https://ocfl.io>)



OCFL Specifications

This Oxford Common File Layout (OCFL) specification describes an application-independent approach to the storage of digital information in a structured, transparent, and predictable manner. It is designed to promote long-term object management best practices within digital repositories.

Specifically, the benefits of the OCFL include:

- **Completeness**, so that a repository can be rebuilt from the files it stores
- **Parseability**, both by humans and machines, to ensure content can be understood in the absence of original software
- **Robustness** against errors, corruption, and migration between storage technologies
- **Versioning**, so repositories can make changes to objects allowing their history to persist
- **Storage diversity**, to ensure content can be stored on diverse storage infrastructures including conventional filesystems and cloud object stores

Extensible

OCFL Workflow

- OCFL Inventory
- gocfl Software
 - OCFL Extensions
 - Reporting of OCFL Packages
 - PDF View
 - Web View
- OCFL Native Archive
 - Microservice Infrastructure
 - Storage Systems
 - Reporting of Collections

OCFL Inventory

```
{  
  "id": "ub:test01",  
  "type": "https://ocfl.io/1.1/spec/#inventory",  
  "digestAlgorithm": "sha512",  
  "head": "v2",  
  "manifest": {  
    "versions": {  
      "fixity": {
```

OCFL Inventory

```
{
  "id": "ub:test01",
  "type": "https://ocfl.io/1.1/spec/#inventory",
  "digestAlgorithm": "sha512",
  "head": "v2",
  "manifest": "manifest": {
    "versions": {
      "fixity": {
        "041740e36de021b4dad57471c5e60bfaff512a3bc4c3a1fad2d476b2dee3a32951600c8500b5d64867951e4fad5c4a852ec65f27cced5215d455e06b22869f45": [
          "v1/content/data/image/IMG_6914.jxr"
        ],
        "0f45fc1448863daf9da4deeed7be5c30fa04e6e82a6d136662c642fcee49f22883795fe747d15e106f61a15e507c8aedb47b32022674763cba49e565f5274140": [
          "v1/content/metadata/thumbnails/v1/00001.png",
          "v1/content/metadata/thumbnails/v1/00004.png",
          "v1/content/metadata/thumbnails/v1/00005.png"
        ],
        "18aefb095a52156d82f7430714bb86675f7ce0fe63f7d2d0660da767f2aa7bbc98fa5350132696dc6991a7ae67efc15eb1bb76dce5706acdbba3ea8b4f6e17da": [
          "v1/content/data/audio/Dragan_Espenschied_-_08_-_Zombie_Mummy_Theme.mp3"
        ],
        "1b6d57a817ddfd9ae85941d4f3770f75b1da8ab204677c05bf0661b43738217128b7d72621082dd78331cf111df773fd2fba25d4d1fbc02caa80058a493980fa": [
          "v1/content/data/audio/Dragan_Espenschied_-_09_-_Procrastination_Polka.ogg"
        ],
        "ff6b4480439cbd7b5b8f4f4a817df3d2223dd9c75da308b6a9eb4bbb151349442faa4322f7c03a7ea0d3ef8f1d48fcc59f1fle570e547dfdaaac76f36e302641": [
          "v1/content/data/image/IMG_6914.pdn"
        ]
      }
    }
  },
}
```



OCFL Inve

```
{
  "id": "ub:test01",
  "type": "https://ocfl.io/
  "digestAlgorithm": "sha5:
  "head": "v2",
  "manifest": "manifest": {
    "versions": {
      "fixity": {
```

```

      "041740e36
      ec65f27cce
      | "v1/cor
      ],
      "0f45fc144
      47b3202267
      | "v1/cor
      | "v1/cor
      | "v1/cor
      ],
      "18aefb095
      1bb76dce57
      | "v1/cor
      ],
      "1b6d57a81
      fba25d4d1f
      | "v1/cor
      ],
      "ff6b448043
      1f1e570e547
      | "v1/content/data/image/IMG_6914.pdn"
    ]
  },
  "versions": {
    "v1": {
      "created": "2025-01-17T18:40:12+01:00",
      "message": "initial commit",
      "state": {
        "041740e36de021b4dad57471c5e60bfaff512a3bc4c3a1fad2d476b2dee3a32951600c8500b5d64867951e4fad5
        c4a852ec65f27cced5215d455e06b22869f45": [
          | "data/image/IMG_6914.jxr"
        ],
        "0f45fc1448863daf9da4deeed7be5c30fa04e6e82a6d136662c642fcee49f22883795fe747d15e106f61a15e507
        c8aedb47b32022674763cba49e565f5274140": [
          | "metadata/thumbnails/v1/00001.png",
          | "metadata/thumbnails/v1/00004.png",
          | "metadata/thumbnails/v1/00005.png"
        ],
        "79f7273c26222b0b843d19495e9c6c31492bf0d7df4e5d161b8d77693504e763698b9f093f1c889f8c85053fccc
        8dea6bdfdfcdda894c6c3476448543477735": [
          | "data/audio/Dragan_Espenschied_-_10_-_Оля Зимой.mp3"
        ],
        "ff6b4480439cbd7b5b8f4f4a817df3d2223dd9c75da308b6a9eb4bbb151349442faa4322f7c03a7ea0d3ef8f1d4
        8fcc59f1f1e570e547dfdaaac76f36e302641": [
          | "data/image/IMG_6914.pdn"
        ]
      ]
    },
    "user": {
      "address": "mailto:ocfl.user@unibas.ch",
      "name": "User OCFL"
    }
  },
  "v2": {
    "v1/content/data/image/IMG_6914.pdn"
  }
},
```

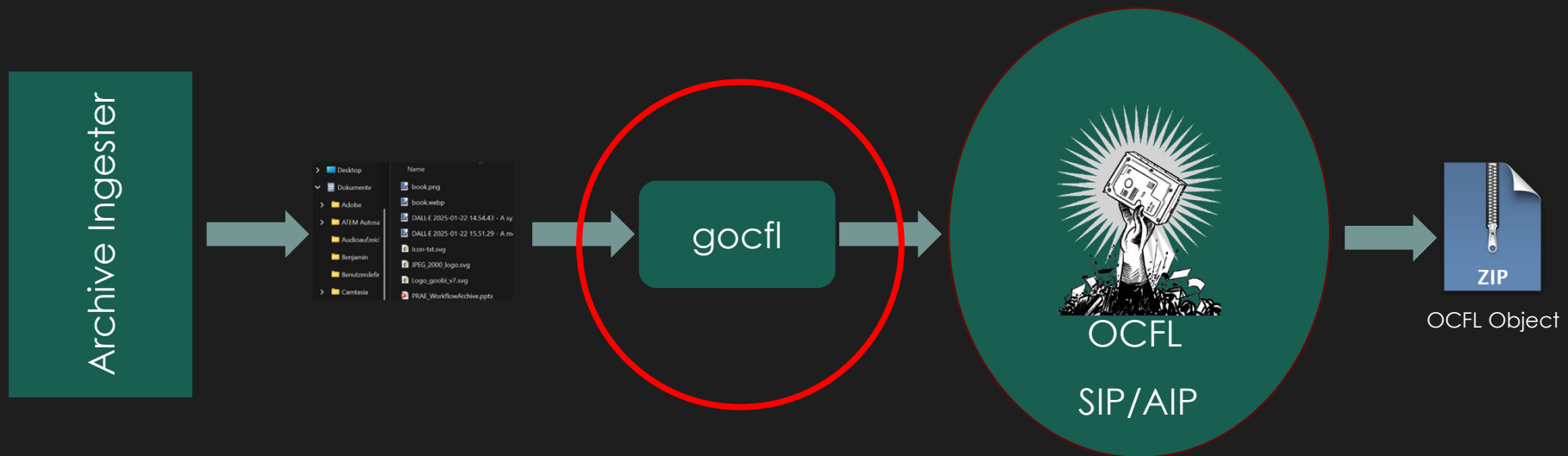
OCFL Inve

```
{
  "id": "ub:test01",
  "type": "https://ocfl.io/
  "digestAlgorithm": "sha5:
  "head": "v2",
  "manifest": "manifest": {
    "versions": {
      "fixity": {
```

```

    "041740e36de021b4dad57471c5e60bfa5f512a3bc4c3a1fad2d476b2dee3a32951600c8500b5d64867951e4fad5
    ec65f27cce
    | "v1/cor
    |,
    | "0f45fc144
    | 47b3202267
    | | "v1/cor
    | | "v1/cor
    | | "v1/cor
    | |,
    | "18aefb095
    | 1bb76dce57
    | | "v1/cor
    | |,
    | "1b6d57a81
    | fba25d4d1f
    | | "v1/cor
    | |,
    | "ff6b448043
    | 1f1e570e547
    | | "v1/content/data/image/IMG_6914.]
    | ]
  },
  "versions": {
    "v1": {
      "created": "2025-01-17T18:40:12+01:00",
      "message": "initial commit",
      "state": {
        "041740e36de021b4dad57471c5e60bfa5f512a3bc4c3a1fad2d476b2dee3a32951600c8500b5d64867951e4fad5
        c4a852ec65f27cce5215d455e06b22869f45": [
          | "data/image/IMG_6914.jxr"
          |],
          |,
          | "0f45fc1448863daf9da4deeed7be5c30fa04e6e82a6d136662c642fcee49f22883795fe747d15e106f61a15e507
          | c8aedb47b32022674763cba49e565f5274140": [
          | | "metadata/thumbnails/v1/00001.png",
          | | "metadata/thumbnails/v1/00004.png",
          | | "metadata/thumbnails/v1/00005.png"
          | ],
          |,
          | "79f7273c26222b0b843d19495e9c6c31492bf0d7df4e5d161b8d77693504e763698b9f093f1c889f8c85053fecc
          | 8dea6bdfdfccdda894c6c3476448543477735": [
          | | "data/audio/Dragan Espenschied - 10 - Оля Зимой.mp3"
          | ],
          |,
          | "ff6b4480439cb
          | 8fcc59f1f1e570:
          | | "data/image,
          | | ]
          | },
          | "user": {
          | | "address": "ma
          | | "name": "User (
          | | }
          | },
          | "v2": {
          | | "created": "2025-01-17T18:40:54+01:00",
          | | "message": "automated version",
          | | "user": {
          | | | "address": "https://github.com/ocfl-archive/gocfl",
          | | | "name": "gocfl"
          | | },
          | | "state": {
          | | | "80d3d363942dab8214243794ba01df177b089a08b4bc62cec10c37dc708535a15be2a073cd3498916bf653af7ea
          | | | 3bcba4b9a85200ef0fd2876d75524e389a803": [
          | | | | "data/text/1-s2.0-S2468227623004404-main.pdf/1-s2.0-S2468227623004404-main.pdf"
          | | | ],
          | | | "8e477a5057c5b30f54289c21fb62c4520ce41e51ac927c80a16631a7f6f32fc25e541fbeat4fe25715aad713865
          | | | eabce0ee2ca9ba813c75676b6dd9413a290f3": [
          | | | | "data/text/1-s2.0-S2468227623004404-main.pdf/v2.1-s2.0-S2468227623004404-main.pdf"
          | | | ],
          | | | ],
          | | }
          | }
        }
      }
    }
  }
}
```


Focus Workflow: Books



gocfl Software



Command line tool for creating OCFL-compatible structures (directory-based or ZIP)

OCFL Extensions:

- Format recognition/tech. Metadata via Indexer → Siegfried // Tika // ffmpeg // Image Magick
- Generation of METS/PREMIS based on **DILCIS E-ARK AIP***
- File system metadata
- Renaming to sustainable path and file names in the AIP
- Thumbnail generation
- Automatic migration (prototype)
- Basic semantic metadata

Validation / reporting / extraction / visualisation / metadata

* <https://dilcis.eu/>

gocfl



Command line tool for creating OCFL-compatible structures (directory-based or ZIP)

OCFL Extensions:

- **Format recognition/tech. Metadata via Indexer → Siegfried // Tika // ffmpeg // Image Magick**
- Generation of METS/PREMIS based on DILCIS E-ARK AIP
- File system metadata
- Renaming to sustainable path and file names in the AIP
- Thumbnail generation
- Automatic migration (prototype)
- Basic semantic metadata

Validation / reporting / extraction / visualisation / metadata

Indexer	
Mimetypes	<ul style="list-style-type: none"> audio/mp3 audio/mpeg
Pronom PUIDs	<ul style="list-style-type: none"> fmt/134
Dimension	128 x 112px
Full Metadata	<pre> ▼ffprobe: ▶format:{ Filename: "fd:", bit_rate: "160000", duration: "", ... } ▶streams:[{ ... }, { ... }] ▼siegfried: ▼0: ▶Basis:["extension match...", "byte match at [...]"] Class:"Audio" ID:"fmt/134" MIME:"audio/mpeg" Name:"MPEG 1/2 Audio Layer 3" Namespace:"pronom" Version:"" Warning:"" ▼tika: ▼0: Content-Type:"audio/mpeg" ▶X-TIKA:Parsed-By:["org.apache.tika...", "org.apache.tika..."] ▶X-TIKA:Parsed-By-Full-Set:["org.apache.tika...", "org.apache.tika..."] channels:"1" dc:creator:"Dragan Espenschied" dc:title:"Оля Зимой" </pre>

Tool for creating OCFL-compatible structures (e.g. for PDF or ZIP)

Definition/tech. Metadata via Indexer →
 via `ffmpeg` // `Image Magick`

METS/PREMIS based on DILCIS E-ARK AIP
 metadata

sustainable path and file names in the AIP
 generation

Integration (prototype)

Access metadata

Importing / extraction / visualisation / metadata

gocfl



Command line tool for creating OCFL-compatible structures (directory-based or ZIP)

OCFL Extensions:

- Format recognition/tech. Metadata via Indexer → Siegfried // Tika // ffmpeg // Image Magick
- **Generation of METS/PREMIS based on DILCIS E-ARK AIP**
- File system metadata
- Renaming to sustainable path and file names in the AIP
- Thumbnail generation
- Automatic migration (prototype)
- Basic semantic metadata

Validation / reporting / extraction / visualisation / metadata

```
<mets xmlns="http://www.loc.gov/METS/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation=
"http://www.loc.gov/METS/&#xA;schemas/mets.xsd&#xA;http://www.w3.org/1999/xlink&#xA;schemas/xlink.xsd"
xmlns:xlink="http://www.w3.org/1999/xlink" OBJID="ub:test01" LABEL="METS Container for Object ub:test01"
version v1 - initial commit" TYPE="AIP" PROFILE="http://www.ra.ee/METS/v01/IP.xml">
  <metsHdr CREATEDATE="2025-01-17T18:40:12" RECORDSTATUS="NEW">
    <agent ROLE="CREATOR" TYPE="OTHER" OTHERTYPE="SOFTWARE">
      <name>gocfl</name>
      <note>Version v2.0.6</note>
    </agent>
    <agent ROLE="ARCHIVIST">
      <name>Info JSON User</name>
      <note>mailto:noreply@unibas.ch</note>
    </agent>
    <metsDocumentID>mets.xml</metsDocumentID>
  </metsHdr>
  <dmdSec ID="dmdSec-int-uuid-c4274b09-ef56-473f-8fbe-e56f825e300f" GROUPID="area-metadata" CREATED=
"2025-01-17T18:40:30">
    <mdRef xlink:type="simple" xlink:href="v1/content/metadata/thumbnails/v1/00001.png" LOCTYPE="OTHER"
OTHERLOCTYPE="URL:internal" MDTYPE="OTHER" OTHERMDTYPE="UNKNOWN" CHECKSUM=
"0f45fc1448863daf9da4deeed7be5c30fa04e6e82a6d136662c642fcee49f22883795fe747d15e106f61a15e507c8aedb47
b32022674763cba49e565f5274140" CHECKSUMTYPE="SHA-512"></mdRef>
  </dmdSec>
  <dmdSec ID="dmdSec-int-uuid-c4274b09-ef56-473f-8fbe-e56f825e300f" GROUPID="area-metadata" CREATED=
"2025-01-17T18:40:30">
    <mdRef xlink:type="simple" xlink:href="v1/content/metadata/thumbnails/v1/00004.png" LOCTYPE="OTHER"
OTHERLOCTYPE="URL:internal" MDTYPE="OTHER" OTHERMDTYPE="UNKNOWN" CHECKSUM=
"0f45fc1448863daf9da4deeed7be5c30fa04e6e82a6d136662c642fcee49f22883795fe747d15e106f61a15e507c8aedb47
b32022674763cba49e565f5274140" CHECKSUMTYPE="SHA-512"></mdRef>
  </dmdSec>
  <dmdSec ID="dmdSec-int-uuid-c4274b09-ef56-473f-8fbe-e56f825e300f" GROUPID="area-metadata" CREATED=
"2025-01-17T18:40:30">
    <mdRef xlink:type="simple" xlink:href="v1/content/metadata/thumbnails/v1/00005.png" LOCTYPE="OTHER"
OTHERLOCTYPE="URL:internal" MDTYPE="OTHER" OTHERMDTYPE="UNKNOWN" CHECKSUM=
"0f45fc1448863daf9da4deeed7be5c30fa04e6e82a6d136662c642fcee49f22883795fe747d15e106f61a15e507c8aedb47
b32022674763cba49e565f5274140" CHECKSUMTYPE="SHA-512"></mdRef>
  </dmdSec>
  <dmdSec ID="dmdSec-ext-uuid-c4274b09-ef56-473f-8fbe-e56f825e300f" GROUPID="area-metadata" CREATED=
"2025-01-17T18:40:30">
    <mdRef xlink:type="simple" xlink:href="metadata/thumbnails/v1/00001.png" LOCTYPE="URL" MDTYPE=
```

creating OCFL-compatible structures

ch. Metadata via Indexer →

og // Image Magick

REMIS based on DILCIS E-ARK AIP

able path and file names in the AIP

(prototype)

data

extraction / visualisation / metadata

```

<mets xmlns="http://www.loc.gov/METS/" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation=
"http://www.loc.gov/METS/&#xA;schemas/mets.xsd&#xA;http://www.w3.org/1999/xlink&#xA;schemas/xlink.xsd"
xmlns:xlink="http://www.w3.org/1999/xlink" OBJID="ub:test01" LABEL="METS Container for Object ub:test01"
version v1 - initial commit" TYPE="AIP" PROFILE="http://www.w3.org/METS/2017/01/TP-um1">
  <metsHdr CREATEDATE="2025-01-17T18:40:30"
    <agent ROLE="CREATOR" TYPE="OTHER" COMMUN="gocfl"
      <name>gocfl</name>
      <note>Version v2.0.6</note>
    </agent>
    <agent ROLE="ARCHIVIST"
      <name>Info JSON User</name>
      <note>mailto:noreply@unibas.ch</note>
    </agent>
    <metsDocumentID>mets.xml</metsDocumentID>
  </metsHdr>
  <dmdSec ID="dmdSec-int-uuid-c4274b09-e5b32022674763cba49e565f5274140"
    "2025-01-17T18:40:30">
    <mdRef xlink:type="simple" xlink:href="http://www.w3.org/1999/xlink"
      OTHERLOCTYPE="URL:internal" MDTYPE="image/webp"
      "0f45fc1448863daf9da4deeed7be5c30fa0b32022674763cba49e565f5274140" CHECKSUM="b32022674763cba49e565f5274140"
    </mdRef>
  </dmdSec>
  <dmdSec ID="dmdSec-int-uuid-c4274b09-e5b32022674763cba49e565f5274140"
    "2025-01-17T18:40:30">
    <mdRef xlink:type="simple" xlink:href="http://www.w3.org/1999/xlink"
      OTHERLOCTYPE="URL:internal" MDTYPE="image/webp"
      "0f45fc1448863daf9da4deeed7be5c30fa0b32022674763cba49e565f5274140" CHECKSUM="b32022674763cba49e565f5274140"
    </mdRef>
  </dmdSec>
  <dmdSec ID="dmdSec-int-uuid-c4274b09-e5b32022674763cba49e565f5274140"
    "2025-01-17T18:40:30">
    <mdRef xlink:type="simple" xlink:href="http://www.w3.org/1999/xlink"
      OTHERLOCTYPE="URL:internal" MDTYPE="image/webp"
      "0f45fc1448863daf9da4deeed7be5c30fa0b32022674763cba49e565f5274140" CHECKSUM="b32022674763cba49e565f5274140"
    </mdRef>
  </dmdSec>
  <dmdSec ID="dmdSec-ext-uuid-c4274b09-e5b32022674763cba49e565f5274140"
    "2025-01-17T18:40:30">
    <mdRef xlink:type="simple" xlink:href="http://www.w3.org/1999/xlink"
      OTHERLOCTYPE="URL:internal" MDTYPE="image/webp"
      "0f45fc1448863daf9da4deeed7be5c30fa0b32022674763cba49e565f5274140" CHECKSUM="b32022674763cba49e565f5274140"
    </mdRef>
  </dmdSec>
  <object xsi:type="file" xmlID="uuid-cd9280f6-a5cc-4fbd-97d2-36e507956fad">
    <objectIdentifier>
      <objectIdentifierType>uuid</objectIdentifierType>
      <objectIdentifierValue>uuid-cd9280f6-a5cc-4fbd-97d2-36e507956fad</objectIdentifierValue>
    </objectIdentifier>
    <significantProperties>
      <significantPropertiesType>width</significantPropertiesType>
      <significantPropertiesValue>48</significantPropertiesValue>
    </significantProperties>
    <significantProperties>
      <significantPropertiesType>height</significantPropertiesType>
      <significantPropertiesValue>48</significantPropertiesValue>
    </significantProperties>
  </object>
  </mets>

```

```

</fixity>
<size>2842398</size>
<format>
  <formatDesignation>
    <formatName>image/webp</formatName>
    <formatVersion></formatVersion>
  </formatDesignation>
  <formatNote>IANA MIME-type</formatNote>
</format>
<format>
  <formatDesignation>
    <formatName>WebP</formatName>
    <formatVersion></formatVersion>
  </formatDesignation>
  <formatRegistry>
    <formatRegistryName>PRONOM</formatRegistryName>
    <formatRegistryKey>fmt/568</formatRegistryKey>
    <formatRegistryRole authority="http://id.loc.gov/vocabulary/preservation/formatRegistryRole"
      authorityURI="http://id.loc.gov/vocabulary/preservation/formatRegistryRole" valueURI=
      "http://id.loc.gov/vocabulary/preservation/formatRegistryRole/spe">specification
    </formatRegistryRole>
  </formatRegistry>
  <formatNote>siegfried</formatNote>
  <formatNote>Basis: extension match webp</formatNote>
  <formatNote>Basis: byte match at 0, 16</formatNote>
</format>
</objectCharacteristics>
</object>
<object xsi:type="file" xmlID="uuid-cd9280f6-a5cc-4fbd-97d2-36e507956fad">
  <objectIdentifier>
    <objectIdentifierType>uuid</objectIdentifierType>
    <objectIdentifierValue>uuid-cd9280f6-a5cc-4fbd-97d2-36e507956fad</objectIdentifierValue>
  </objectIdentifier>
  <significantProperties>
    <significantPropertiesType>width</significantPropertiesType>
    <significantPropertiesValue>48</significantPropertiesValue>
  </significantProperties>
  <significantProperties>
    <significantPropertiesType>height</significantPropertiesType>
    <significantPropertiesValue>48</significantPropertiesValue>
  </significantProperties>
</object>

```

flexible structures

lexer →

E-ARK AIP

as in the AIP

on / metadata

gocfl Software



Command line tool for creating OCFL-compatible structures (directory-based or ZIP)

OCFL Extensions:

- Format recognition/tech. Metadata via Indexer → Siegfried // Tika // ffmpeg // Image Magick
- Generation of METS/PREMIS based on DILCIS E-ARK AIP
- **File system metadata**
- Renaming to sustainable path and file names in the AIP
- Thumbnail generation
- Automatic migration (prototype)
- Basic semantic metadata

Validation / reporting / extraction / visualisation / metadata

gocfl Software



Command line tool for creating OCFL-compatible structures (directory-based or ZIP)

OCFL Extensions:

External Names						
Version	Name	Time	Size	Attr	OS	Sys
v1	data/audio/Dragan_Espenschied - 10 - Оля Зимой.mp3	C: 2023-11-28 18:03:21 A: 2024-02-05 12:03:30 M: 2023-11-27 17:49:20	2.1 MB	Archive	windows	<pre> ▶CreationTime:{ HighDateTime: 31072796, LowDateTime: 3395378133 } FileAttributes:32 FileSizeHigh:0 FileSizeLow:2099932 ▶LastAccessTime:{ HighDateTime: 31086626, LowDateTime: 4092992175 } ▶LastWriteTime:{ HighDateTime: 31072593, LowDateTime: 2864380649 } </pre>
v2	data/audio/Dragan_Espenschied - 10 - Оля Зимой.mp3					

gocfl Software



Command line tool for creating OCFL-compatible structures (directory-based or ZIP)

OCFL Extensions:

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- Generation of METS/PREMIS based on DILCIS E-ARK AIP
- File system metadata
- **Renaming to sustainable path and file names in the AIP**
- Thumbnail generation
- Automatic migration (prototype)
- Basic semantic metadata

Validation / reporting / extraction / visualisation / metadata



ID or Path	Result
<code>..hor_rib:l�-�id</code>	<code>..hor_rib=u003Al�-�id</code>
<code>object=u123a-01</code>	<code>object=u003Du123a-01</code>
<code>object=u13a-01</code>	<code>object=u13a-01</code>
<code>info:fedora/object-01</code>	<code>info=u003Afedora/object-01</code>
<code>~ info:fedora/-obj#ec@t-"01</code>	<code>=u007E=u0020info=u003Afedora/-obj=u0023ec=u0040t-=u002201=u0020</code>
<code>/test/ ~/.../blah</code>	<code>test/=u0020~/=u002E../blah</code>
<code>https://hdl.handle.net/XXXXX/test/bl ah</code>	<code>https=u003A/hdl.handle.net/XXXXX/test/bl=u0020ah</code>
<code>abcdefghijabcdefghij</code> <code>abcdefghijabcdefghij</code> <code>abcdefghijabcdefghij</code> <code>abcdefghijabcdefghij</code> <code>abcdefghijabcdefghij</code> <code>abcdefghijabcdefghij</code> <code>abcdefghijabcdefghij</code> <code>abcdefghijabcdefghij</code> <code>abcdefghijabcdefghij</code> <code>abcdefghijabcdefghij</code> <code>abcdefghijabcdefghij</code> <code>abcdefghijabcdefghij</code> <code>abcdefghijabcdefghij</code> <code>abcdefghijabcdefghij</code>	<code>fallback/b/8/b8acda4abac53237afa03d6bbb078e1bf46b40438bb256df79b8d9ff0e57b32a688156ad217553</code>

patible structures

ndexer →
ck
CIS E-ARK AIP

mes in the AIP

ation / metadata

gocfl Software



Command line tool for creating OCFL-compatible structures (directory-based or ZIP)

OCFL Extensions:

- Format recognition/tech. Metadata via Indexer → Siegfried // Tika // ffmpeg // Image Magick
- Generation of METS/PREMIS based on DILCIS E-ARK AIP
- File system metadata
- Renaming to sustainable path and file names in the AIP
- **Thumbnail generation**
- Automatic migration (prototype)
- Basic semantic metadata

Validation / reporting / extraction / visualisation / metadata

gocfl Software

Thumbnail

Thumbnail Process Audio#01

Image (metadata/metadata/thumbnails/v1/00017.png)

FREQUENCY (Hz)

TIME

CREATED BY LIBAUFILTER 44100 Hz | mono

compatible structures

indexer →

link
CIS E-ARK AIP

files in the AIP

description / metadata

gocfl



Command line tool for creating OCFL-compatible structures (directory-based or ZIP)

OCFL Extensions:

- Format recognition/tech. Metadata via Indexer → Siegfried // Tika // ffmpeg // Image Magick
- Generation of METS/PREMIS based on DILCIS E-ARK AIP
- File system metadata
- Renaming to sustainable path and file names in the AIP
- Thumbnail generation
- **Automatic migration (prototype)**
- Basic semantic metadata

Validation / reporting / extraction / visualisation



Checksums

sha512	687c13d7b90ff55b23311fc9dd2c0f27b83bfe0229edc0c79c38133c6a3df02159f429640c0b0669290bc88fa563413a332b998823dad29bcf17361fc95997ab
md5	2c34c106d04a2837e403b6b6b5778fa4
sha1	92c381a1ff2d407b301961b6e912edc151e420bb
sha256	73942033d07f39f5aed71301f71abc699432fae89a41fe3ab3c2095318a8e28

Internal Names

v2/content/data/vector/ki.eps/v2.ki.eps.pdf

External Names

Version	Name	Time	Size	Attr	OS	Sys
v2	data/vector/ki.eps/v2.ki.eps.pdf					

Migration

Migration Process	EPS#01
Source	9ccf2683245962815e3701acd06ac9db446d57e11841e1e11b0359e7d4986a7d19d03dd302b434b42dc45518cef6a38d82d0943e449f536d28c61fed5eb015d9

compatible

via Indexer →

magick

DILCIS E-ARK AIP

the names in the AIP

validation / reporting / extraction / visualisation

Checksums

sha512	687c13d7b90ff55b23311fc9dd2c0f27b83bfe0229edc0c79c38133c6a3df02159f429640c0b0669290bc88fa563413a332b998823dad29bcf17361fc95997ab
md5	2c34c106d04a2837e403b6b6b5778
sha1	92c381a1ff2d407b301961b6e912ec
sha256	73942033d07f39f5aed71301f71ab

Internal Names

v2/content/data/vector/ki.eps/v2.ki.eps.pdf

External Names

Version	Name	Time
v2	data/vector/ki.eps/v2.ki.eps.pdf	

Migration

Migration Process	EPS#01
Source	9ccf2683245962815e37

Checksums

sha512	9ccf2683245962815e3701acd06ac9db446d57e11841e1e11b0359e7d4986a7d19d03dd302b434b42dc45518cef6a38d82d0943e449f536d28c61fed5eb015d9
md5	a0454224f4214541f37ca0cd03eb0651
sha1	5b3ef871907ddb7d39b69869683f17bea8087179
sha256	ba3650cfb0b6511bd5b1f3f9f11d636c2fab8d37e42e763e09c390c4ffc23790

Internal Names

v1/content/data/vector/ki.eps

External Names

Version	Name	Time	Size	Attr	OS	Sys
v1	data/vector/ki.eps	C: 2023-11-28 18:03:21 A: 2025-01-17 18:40:28 M: 2023-11-27 17:01:45	2.2 MB	Archive	windows	<pre> ▶CreationTime:{ HighDateTime: 31072796, LowDateTime: 3396315450 } FileAttributes:32 FileSizeHigh:0 FileSizeLow:2178618 ▶LastAccessTime:{ HighDateTime: 31156486, LowDateTime: 3859737772 } ▶LastWriteTime:{ HighDateTime: 31072587, LowDateTime: 84675643 } </pre>
v2	data/vector/ki.eps/ki.eps					

gocfl



Command line tool for creating OCFL-compatible structures (directory-based or ZIP)

OCFL Extensions:

- Format recognition/tech. Metadata via Indexer → Siegfried // Tika // ffmpeg // Image Magick
- Generation of METS/PREMIS based on DILCIS E-ARK AIP
- File system metadata
- Renaming to sustainable path and file names in the AIP
- Thumbnail generation
- Automatic migration (prototype)
- **Basic semantic metadata**

Validation / reporting / extraction / visualisation / metadata

```

1 {
2   "signature": "alma_slsp:9919523310105504",
3   "organisation_id": "UBBasel",
4   "organisation": "Universitätsbibliothek Basel",
5   "organisation_address": "mailto:info-ub@unibas.ch",
6   "collection_id": "e-rara",
7   "collection": "e-rara",
8   "sets": [
9     "all",
10    "e-rara",
11    "col:e-rara",
12    "nz_data",
13    "lib_uni",
14    "lib_ubhaupt",
15    "gmovie"
16  ],
17  "identifiers": [
18    "oai:alma.41SLSP_UBS:9919523310105504",
19    "doi:10.3931/e-rara-83280",
20    "swissbib:03169778X-41slsp_network",
21    "IDSBB:001952331DSV01",
22    "EXLNZ-41SLSP_NETWORK:991113231169705501",
23    "UBS:9919523310105504"
24  ],
25  "title": "Sebastian Bachs Compositionen für die Laute",
26  "alternative_titles": [],
27  "holding": "UBH Mus Cv 4:19",
28  "authors": [
29    "Tappert, Wilhelm, 1830-1907, aut"
30  ],
31  "description": "11 S.",
32  "keywords": [
33    "txt"
34  ],
35  "user": "Kirwan, James <james.kirwan@unibas.ch>",
36  "address": "mailto:dlza-ub@unibas.ch",
37  "created": "2024-09-26 16:22:02",
38  "last_changed": "2024-09-26 16:22:02",
39  "expiration": "",
40  "deprecates": "",
41  "references": [],
42  "ingest_workflow": "WF01"
43 }

```

and line tool for creating OCFL-compatible structures
(OCFL-based or ZIP)

ensions:

recognition/tech. Metadata via Indexer →

and // Tika // ffmpeg // Image Magick

ation of METS/PREMIS based on DILCIS E-ARK AIP

em metadata

ing to sustainable path and file names in the AIP

mail generation

atic migration (prototype)

semantic metadata

n / reporting / extraction / visualisation / metadata

gocfl



Command line tool for creating OCFL-compatible structures (directory-based or ZIP)

OCFL Extensions:

- Format recognition/tech. Metadata via Indexer → Siegfried // Tika // ffmpeg // Image Magick
- Generation of METS/PREMIS based on DILCIS E-ARK AIP
- File system metadata
- Renaming to sustainable path and file names in the AIP
- Thumbnail generation
- Automatic migration (prototype)
- Basic semantic metadata

Validation / **reporting** / extraction / visualisation

Report

ub:test01

Der vorliegende Report basiert auf der OCFL-Dokumentation des Datenpakets subFS(zipFS(fsFile(osFSRW(C:/temp/ocfl)/test2.zip)/ub_test01)). Er enthält einen Auszug der Metadaten, die im Zuge der Archivierung für jede der im Datenpaket enthaltenen Dateien generiert wurden.

This report is based on the OCFL documentation of the data package subFS(zipFS(fsFile(osFSRW(C:/temp/ocfl)/test2.zip)/ub_test01)). It contains an excerpt of the metadata generated in the course of archiving for each of the files contained in the data package.

OCFL Object Version v1

Created 2025-01-17 18:40:12

Name User OCFL

Address <mailto:ocfl.user@unibas.ch>

Message initial commit

OCFL Object Version v2

Created 2025-01-17 18:40:54

Name gocfl

Address <https://github.com/ocfl-archive/gocfl>

Message automated version

generated by gocfl / <https://github.com/ocfl-archive/gocfl>

Command line tool for creating OCFL-compatible structures (directory-based or ZIP)

OCFL Extensions:

- Format recognition/tech. Metadata via Indexer → Siegfried // Tika // ffmpeg // Image Magick
- Generation of METS/PREMIS based on DILCIS E-ARK AIP
- File system metadata
- Renaming to sustainable path and file names in the AIP
- Thumbnail generation
- Automatic migration (prototype)
- Basic semantic metadata

Validation / **reporting** / extraction / visualisation

UB:TEST01

Some OCFL Testfiles

Info JSON organisation OCFL Demo

Info JSON User
mailto:noreply@unibas.ch
2023-10-31

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque convallis maximus scelerisque. Nulla lectus tortor, aliquet eget tortor at, auctor sagittis massa. Pellentesque iaculis erat elit, et aliquam turpis pretium ac. Curabitur ultricies porttitor arcu sodales posuere. Donec ultrices diam consequat nulla venenatis, sed maximus mi volutpat. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Donec tellus ipsum, fringilla sit amet auctor non, ullamcorper et elit. Aenean fermentum convallis risus, in vestibulum arcu pharetra at.

Alternative Titles
Signatureub:test01
Organisation IDInfo JSON organisation ID
Collection IDOCFL_DEMO
Setsown, netart
KeywordsArts
Identifiers
References
Deprecates
Ingest WorkflowTEST01

Der vorliegende Report basiert a
subFS(zipFS(fsFile(osFSRW(C:/tem
Auszug der Metadaten, die im Zug
enthaltenen Dateien generiert wurde.

This report is based on the
subFS(zipFS(fsFile(osFSRW(C:/tem
of the metadata generated in the co
the data package.

OCFL

Created 20
Name U:
Address in:
Message in:

OCFL

Created 2025-0
Name gocfl
Address https://
Message automa

line tool for creating OCFL-compatible
directory-based or ZIP)

sions:

cognition/tech. Metadata via Indexer →

// Tika // ffmpeg // Image Magick

on of METS/PREMIS based on DILCIS E-ARK AIP

n metadata

to sustainable path and file names in the AIP

generation

c migration (prototype)

antic metadata

reporting / extraction / visualisation

UB:TEST01

Some OCFL Metadata

Info JSON OCFL

Info J
mailto:nore
202

*Lorem ipsum dolor sit amet, consectetur
scelerisque. Nulla lectus tortor, aliqu
Pellentesque iaculis erat elit, et aliquam
arcu sodales posuere. Donec ultrices dia
volutpat. Pellentesque habitant morbi tris
turpis egestas. Donec tellus ipsum, fring
Aenean fermentum convallis risus, in vest*

Alternative Titles
Signatureub:test01
Organisation IDInfo JSON organisation
Collection IDOCFL_DEMO
Setsown, netart
KeywordsArts
Identifiers
References
Deprecates
Ingest WorkflowTEST01

Der vorliegende Report basiert a
subFS(zipFS(fsFile(osFSRW(C:/tem
Auszug der Metadaten, die im Zug
enthaltenen Dateien generiert wurde.

This report is based on the
subFS(zipFS(fsFile(osFSRW(C:/tem
of the metadata generated in the cot
the data package.

OCFL

Created 20
Name U:
Address m:
Message in:

OCFL

Created 2025-0
Name gocfl
Address https://
Message autom:

UB:TEST01

Content Overview

Number of Files 70
Total Size of all files 271 MB
Total Length of A/V Media 0:08:00
Files without size data 24

Mimetype

application/gzip
application/mp4
application/msword
application/pdf
application/postscript
application/vnd.oasis.opendocument.text
application/vnd.openxmlformats-officedocument.wordprocessingml.document
application/xml
audio/mp3
audio/ogg
image/bmp
image/gif
image/heif
image/jpeg
image/jxr
image/png
image/svg+xml
image/tiff
image/webp
video/mp4
video/x-msvideo

Count	Size
1	14 kB
1	42 MB
1	60 kB
7	11 MB
1	2.2 MB
1	18 kB
2	46 kB
3	759 kB
3	12 MB
3	3.2 MB
1	37 MB
1	6.2 MB
1	1.9 MB
1	3.7 MB
1	2.5 MB
1	17 MB
1	52 kB
1	19 MB
1	2.8 MB
1	16 MB
1	17 MB

ating OCFL-compatible
(or ZIP)

Metadata via Indexer →

// Image Magick
SIS based on DILCIS E-ARK AIP

path and file names in the AIP

(mimetype)

action / visualisation

UB:TEST01

Some OCF Files

Info JSON OCFL

Info J
mailto:nort
202

*Lorem ipsum dolor sit amet, consectetur
scelerisque. Nulla lectus tortor, aliqu
Pellentesque iaculis erat elit, et aliquam t
arcu sodales posuere. Donec ultrices dia
volutpat. Pellentesque habitant morbi tris
turpis egestas. Donec tellus ipsum, fring
Aenean fermentum convallis risus, in vest*

Alternative Titles
Signature ub:test01
Organisation ID Info JSON organisation
Collection ID OCFL_DEMO
Sets own, netart
Keywords Arts
Identifiers
References
Deprecateds
Ingest Workflow TEST01

Mimetype
application/gzip
application/mp4
application/msword
application/pdf
application/postscript
application/vnd.oasis.opendoc
application/vnd.openxmlform
application/xml
audio/mp3
audio/ogg
image/bmp
image/gif
image/heif
image/jpeg
image/jxr
image/png
image/svg+xml
image/tiff
image/webp
video/mp4
video/x-msvideo

UB:TEST01

Pronom
UNKNOWN
fint/1101
fint/116
fint/12
fint/124
fint/134
fint/1756
fint/1864
fint/199
fint/20
fint/203
fint/276
fint/353
fint/4
fint/40
fint/402
fint/412
fint/43
fint/477
fint/5
fint/568
fint/569
fint/590
fint/92
x-fint/266
x-fint/280
x-fint/384

UB:TEST01

Count	Size
5	24 MB
1	1.9 MB
1	37 MB
1	17 MB
1	2.2 MB
3	12 MB
1	18 kB
1	1.6 MB
1	42 MB
1	547 kB
3	3.2 MB
2	8.0 MB
1	19 MB
1	6.2 MB
1	60 kB
1	36 MB
2	46 kB
1	3.7 MB
4	2.1 MB
1	17 MB
1	2.8 MB
1	17 MB
1	2.5 MB
1	52 kB
1	14 kB
1	7.2 kB
1	16 MB

Der vorliegende Report basiert a
subFS(zipFS(fsFile(osFSRW(C:/temp
Auszug der Metadaten, die im Zug
enthaltenen Dateien generiert wurde

This report is based on the
subFS(zipFS(fsFile(osFSRW(C:/temp
of the metadata generated in the co
the data package.

OCFL
Created 20
Name U:
Address m:
Message in:
OCFL
Created 2025-0
Name gocfl
Address https://
Message autom:

compatible

via Indexer →
Magick
in DILCIS E-ARK AIP
the names in the AIP

ualisation

Some OCFL TEST01

Info JSON OCFL

Info J
mailto:norc@
202

Lorem ipsum dolor sit amet, consectetur scelerisque. Nulla lectus tortor, aliqui Pellentesque iaculis erat elit, et aliquam i arcu sodales posuere. Donec ultrices dia voluptat. Pellentesque habitant morbi tris turpis egestas. Donec tellus ipsum, fring Aenean fermentum convallis risus, in vest

Alternative Titles
Signatureub:test01
Organisation IDInfo JSON organisation
Collection IDOCFL_DEMO
Setsown, netart
KeywordsArts
Identifiers
References
Deprecateds
Ingest WorkflowTEST01

Der vorliegende Report basiert a subFS(zipFS(fsFile(osFSRW(C:/tem Auszug der Metadaten, die im Zug enthaltenen Dateien generiert wurde.

This report is based on the subFS(zipFS(fsFile(osFSRW(C:/tem of the metadata generated in the cot the data package.

ul

OCFL
Created 20
Name U
Address m
Message in
OCFL
Created 2025-0
Name gocfl
Address https://
Message autom

Pronom
UNKNOWN
fint/1101
fint/116
fint/12
fint/124
fint/134
fint/1756
fint/1864
fint/199
fint/20
fint/203
fint/276
fint/353
fint/4
fint/40
fint/402
fint/412
fint/43
fint/477
fint/5
fint/568
fint/569
fint/590
fint/92
x-fint/266
x-fint/280
x-fint/384

Mimetype
application/gzip
application/mp4
application/msword
application/pdf
application/postscript
application/vnd.oasis.opendoc
application/vnd.openxmlform:
application/xml
audio/mp3
audio/ogg
image/bmp
image/gif
image/heif
image/jpeg
image/jxr
image/png
image/svg+xml
image/tiff
image/webp
video/mp4
video/x-msvideo

Directory Listing

```
data
├── vector
│   ├── ki.eps
│   │   ├── v2.ki.eps.pdf
│   │   └── ki.eps
│   ├── ki.ai
│   ├── ki.pdf
│   │   ├── v2.ki.pdf.pdf
│   │   └── ki.pdf
│   ├── ki.svg
│   └── ki.svgz
├── audio
│   ├── Dragan_Espenschied_-_08_-_Zombie_Mummy_Theme.mp3
│   ├── Dragan_Espenschied_-_09_-_Procrastination_Polka.ogg
│   ├── Dragan_Espenschied_-_02_-_P2P.mp3
│   ├── Dragan_Espenschied_-_01_-_Mein_Leben_fr_die_Wissenschaft.ogg
│   ├── Dragan_Espenschied_-_02_-_P2P.ogg
│   ├── Education of the Noobz 1.odt
│   ├── Dragan_Espenschied_-_10_-_Она_Зинтоï.mp3
│   ├── Education of the Noobz 1.doc
│   └── Education of the Noobz 1.docx
├── video
│   ├── Together Elsewhere 01.pdf
│   │   ├── v2.Together Elsewhere 01.pdf
│   │   └── Together Elsewhere 01.pdf
│   ├── Together Elsewhere 01.docx
│   ├── together_01_excerpt.mkv
│   ├── together_01_excerpt.mp4
│   ├── together_01_excerpt.mov
│   └── together_01_excerpt.avi
├── image
│   ├── IMG_6914.tiff
│   ├── IMG_6914.gif
│   ├── IMG_6914.png
│   ├── IMG_6914.webp
│   ├── IMG_6914.jxr
│   ├── IMG_6914.pdn
│   ├── IMG_6914.bmp
│   ├── IMG_6914.jpg
│   ├── IMG_6914.tga
│   └── IMG_6914.heic
├── text
│   ├── 1-s2.0-S2468227623004404-main.pdf
│   │   ├── 1-s2.0-S2468227623004404-main.pdf
│   │   └── v2.1-s2.0-S2468227623004404-main.pdf
│   ├── export_mets.xml
│   ├── fulltext_5693376.xml
│   ├── ~test[0]
│   └── _empty
└── metadata
```

UB:TEST01

Some OCFL Test Files

Info JSON OCFL

Info J
mailto:nort
202

*Lorem ipsum dolor sit amet, consectetur
scelerisque. Nulla lectus tortor, aliqu
Pellentesque iaculis erat elit, et aliquam 1
arcu sodales posuere. Donec ultrices dia
volutpat. Pellentesque habitant morbi tris
turpis egestas. Donec tellus ipsum, fring
Aenean fermentum convallis risus, in vest*

Alternative Titles
Signatureub:test01
Organisation IDInfo JSON organisation
Collection IDOCFL_DEMO
Setsown, netart
KeywordsArts
Identifiers
References
Deprecates
Ingest WorkflowTEST01

Der vorliegende Report basiert a
subFS(zipFS(fsFile(osFSRW(C:/tem
Auszug der Metadaten, die im Zug
enthaltenen Dateien generiert wurde

This report is based on the
subFS(zipFS(fsFile(osFSRW(C:/tem
of the metadata generated in the co
the data package.

OCFL
Created 20
Name U
Address m
Message in
OCFL
Created 2025-0
Name gocfl
Address https://
Message automa

UB:TEST01

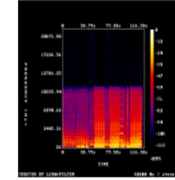
Pronom
UNKNOWN
fmt/1101
fmt/116
fmt/12
fmt/124
fmt/134
fmt/1756
fmt/1864
fmt/199
fmt/20
fmt/203
fmt/276
fmt/353
fmt/4
fmt/40
fmt/402
fmt/412
fmt/43
fmt/477
fmt/5
fmt/568
fmt/569
fmt/590
fmt/92
x-fmt/266
x-fmt/280
x-fmt/384

Mimetype
application/gzip
application/mp4
application/msword
application/pdf
application/postscript
application/vnd.oasis.opendoc
application/vnd.openxmlform:
application/xml
audio/mp3
audio/ogg
image/bmp
image/gif
image/heif
image/jpeg
image/jxr
image/png
image/svg+xml
image/xaml
image/tiff
image/webp
video/mp4
video/x-msvideo

Dir

UB:TEST01

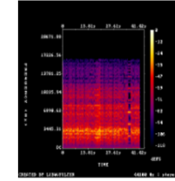
Typevideo - mp3
Pronom UIDfmt/134
Content-Typeaudio/mp3
Dimension48x48px
Filenamedata/audio/Dragan_Espenschied_-_08_-_Zombie_Mum
my_Theme.mp3
Filesize5.0 MB
Created2023-11-28 18:03:21
Modified2023-11-27 17:48:54
AttributesArchive
OSwindows



Typeimage - png
Pronom UIDfmt/12
Content-Typeimage/png
Filenamedata/image/IMG_6914.png
Filesize17 MB
Created2023-11-28 18:03:21
Modified2023-11-27 16:52:16
AttributesArchive
OSwindows



Typeaudio - ogg
Pronom UIDfmt/203
Content-Typeaudio/ogg
Filenamedata/audio/Dragan_Espenschied_-_09_-_Procrastination
_Polka.ogg
Filesize459 kB
Created2023-11-28 18:03:21
Modified2023-11-27 17:48:26
AttributesArchive
OSwindows



Filenamemetadata/filesystem_v2.jsonl.gz
Filenamemetadata/thumbnail_v2.jsonl.gz

Typeapplication - pdf
Pronom UIDfmt/276
Content-Typeapplication/pdf
Filenamedata/video/Together Elsewhere 01.pdf/Together Elsewhe
re 01.pdf

gocfl



Command line tool for creating OCFL-compatible structures (directory-based or ZIP)

OCFL Extensions:

- Format recognition/tech. Metadata via Indexer → Siegfried // Tika // ffmpeg // Image Magick
- Generation of METS/PREMIS based on DILCIS E-ARK AIP
- File system metadata
- Renaming to sustainable path and file names in the AIP
- Thumbnail generation
- Automatic migration (prototype)
- Basic semantic metadata

validation / reporting / extraction / visualisation / **metadata**

```

1  {
2  "Objects": {
3    "id:abc_123": {
4      "ID": "id:abc_123",
5      "DigestAlgorithm": "sha512",
6      "Head": "v1",
7      "Versions": {
8        "v1": {
9          "Created": "2023-12-06T11:22:09+01:00",
10         "Message": "Initial Commit",
11         "Name": "Juergen Enge",
12         "Address": "mailto:juergen@info-age.net"
13       }
14     },
15     "Files": {
16
17       "041740e36de021b4dad57471c5e60bfa5f512a3bc4c3a1fad2d476b2dee3a32951600c8500b5d64867951e4fad5c4a8
18       52ec65f27cced5215d455e06b22869f45": {
19         "Checksums": {
20           "md5": "11ecf9217e3656d73d73c0c680c3dc39",
21           "sha1": "b0a4514d16d650bba078410328717f762f5d55c6",
22           "sha256": "2fb5b4c1f8be46ba342ebc8d298ec03917b93691837704d0b2a28db4e49af83d"
23         },
24         "InternalName": [
25           "v1/content/image/IMG_6914.jxr"
26         ],
27         "VersionName": {
28           "v1": [
29             "image/IMG_6914.jxr"
30           ]
31         },
32         "Extension": {
33           "NNNN-filesystem": {
34             "v1": [
35               {
36                 "path": "image/IMG_6914.jxr",
37                 "meta": {
38                   "aTime": "2023-12-06T11:22:11.2305975+01:00",
39                   "mTime": "2023-11-27T16:53:25.383615+01:00",
40                   "cTime": "2023-11-28T18:03:21.1048739+01:00",
41                   "attr": "Archive",
42                   "os": "windows",
43                   "sysStat": {
44                     "CreationTime": {

```

ing OCFL-compatible structures

Metadata via Indexer →

Image Magick

based on DILCIS E-ARK AIP

th and file names in the AIP

type)

ion / visualisation / **metadata**

gocfl




Command line tool for creating OCFL-compatible structures (directory-based or ZIP)

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- Format recognition/tech. Metadata via Indexer → Siegfried // Tika // ffmpeg // Image Magick
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- Basic semantic metadata

validation / reporting / extraction / **visualisation** / metadata


 gocfl

ub:test01

Object

- Manifest
- Version v1
- Version v2
- Short Report
- Full Report

Versions

v1: User OCFL	v2: gocfl
2025-01-17 18:40:12 +0100 CET	2025-01-17 18:40:54 +0100 CET
mailto:ocfl.user@unibas.ch	https://github.com/ocfl-archive/gocfl
initial commit	automated version

Statistics

Quantities	Pronoms	Mimetypes
Number of Files: 70	5 UNKNOWN	1 application/gzip
Number of different Files: 67	1 fmt/1101	1 application/mp4
Size of Data: 271 MB	1 fmt/116	1 application/msword
Files without size data: 27	1 fmt/12	7 application/pdf
	1 fmt/124	1 application/postscript
	3 fmt/134	1 application/vnd.oasis.opendocument.text
	1 fmt/1756	2 application/vnd.openxmlformats-officedocument.wordprocessingml.document
	1 fmt/1864	3 application/xml
	1 fmt/199	

creating OCFL-compatible
 (tar or ZIP)

Tech. Metadata via Indexer →
 jpeg // Image Magick
 PREMIS based on DILCIS E-ARK AIP

file path and file names in the AIP
 (prototype)
 data

extraction / **visualisation**

Information Package
 Information Packages

○ AIP – Archival Information Packages
 DIP – Dissemination Package

gocfl

ub:test01

Object

Manifest

Version v1

Version v2

Short Report

Full Report

Versions

v1: User OCFL

2025-01-17 18:40:12 +0100 CET

mailto:ocfl.user@unibas.ch

initial commit

Statistics

Quantities

Number of Files: 70

Number of different Files: 67

Size of Data: 271 MB

Files without size data: 27

Manifest

Object

Manifest

Version v1

Version v2

Short Report

Full Report

ub:test01

[v1/content/README.md](#)

0 B

[v1/content/data/=u007Ftest=u005B0=u005D/_empty](#)

0 B

[v1/content/data/audio/Dragan_Espenschied_-_01_-_Mein_Leben_fr_die_Wissenschaft.ogg](#)

fmt/201 audio/ogg 364 kB

[v1/content/data/audio/Dragan_Espenschied_-_02_-_P2P.mp3](#)

fmt/134 audio/mp3 4.7 MB

[v1/content/data/audio/Dragan_Espenschied_-_02_-_P2P.ogg](#)

fmt/201 audio/ogg 2.3 MB

[v1/content/data/audio/Dragan_Espenschied_-_08_-_Zombie_Mummy_Theme.mp3](#)

fmt/134 audio/mp3 5.0 MB

[v1/content/data/audio/Dragan_Espenschied_-_09_-_Procrastination_Polka.ogg](#)

fmt/201 audio/ogg 459 kB

[v1/content/data/audio/Dragan_Espenschied_-_10_-_Оля=u00203иной.mp3](#)

fmt/134 audio/mp3 2.1 MB

[v1/content/data/audio/Education=u0020of=u0020the=u0020Noobz=u00201.doc](#)

fmt/40 application/msword 60 kB

[v1/content/data/audio/Education=u0020of=u0020the=u0020Noobz=u00201.docx](#)

fmt/412 application/vnd.openxmlformats-officedocument.wordprocessingml.document 30 kB

[v1/content/data/audio/Education=u0020of=u0020the=u0020Noobz=u00201.odt](#)

fmt/1756 application/vnd.oasis.opendocument.text 18 kB

[v1/content/data/image/IMG_6914.bmp](#)

fmt/116 image/bmp 37 MB

[v1/content/data/image/IMG_6914.gif](#)

fmt/4 image/gif 6.2 MB

[v1/content/data/image/IMG_6914.heic](#)

fmt/1101 image/heif 1.9 MB image#01

g OCFL-compatible
(ZIP)

etadata via Indexer →

Image Magick

based on DILCIS E-ARK AIP

th and file names in the AIP

ype)

tion / **visualisation**

tion Package

on Packages

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gocfl

- Object**
- Manifest
- Version v1
- Version v2
- Short Report
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ub:test01

Versions

v1: User OCFL

2025-01-17 18:40:12 +0100 CET

mailto:ocfl.user@unibas.ch

initial commit

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- Full Report

Manifest

- Object
- Manifest**
- Version v1
- Version v2
- Short Report
- Full Report

ub:test01

- [README.md](#)
0 B
- [data/audio/Dragan_Espenschied - 01 - Mein Leben fr die Wissenschaft.ogg](#)
364 kB 2023-11-28T18:03:21-01:00 windows Archive fmt/203 audio/ogg 364 kB
- [data/audio/Dragan_Espenschied - 02 - P2P.mp3](#)
4.7 MB 2023-11-28T18:03:21-01:00 windows Archive fmt/134 audio/mp3 4.7 MB
- [data/audio/Dragan_Espenschied - 02 - P2P.ogg](#)
2.3 MB 2023-11-28T18:03:21-01:00 windows Archive fmt/203 audio/ogg 2.3 MB
- [data/audio/Dragan_Espenschied - 08 - Zombie_Mummy_Theme.mp3](#)
5.0 MB 2023-11-28T18:03:21-01:00 windows Archive fmt/134 audio/mp3 5.0 MB
- [data/audio/Dragan_Espenschied - 09 - Procrastination Polka.ogg](#)
459 kB 2023-11-28T18:03:21-01:00 windows Archive fmt/203 audio/ogg 459 kB
- [data/audio/Dragan_Espenschied - 10 - Оля Зимой.mp3](#)
2.1 MB 2023-11-28T18:03:21-01:00 windows Archive fmt/134 audio/mp3 2.1 MB
- [data/audio/Education of the Noobz 1.doc](#)
60 kB 2023-11-28T18:03:21-01:00 windows Archive fmt/4/ application/msword 60 kB
- [data/audio/Education of the Noobz 1.docx](#)
30 kB 2023-11-28T18:03:21-01:00 windows Archive fmt/412 application/vnd.openxmlformats-officedocument.wordprocessingml.document 30 kB
- [data/audio/Education of the Noobz 1.odt](#)
18 kB 2023-11-28T18:03:21-01:00 windows Archive fmt/1756 application/vnd.oasis.opendocument.text 18 kB
- [data/image/IMG_6914.bmp](#)
37 MB 2023-11-28T18:03:21-01:00 windows Archive fmt/116 image/bmp 37 MB
- [data/image/IMG_6914.gif](#)
6.2 MB 2023-11-28T18:03:21-01:00 windows Archive fmt/4 image/gif 6.2 MB
- [data/image/IMG_6914.heic](#)
1.9 MB 2023-11-28T18:03:21-01:00 windows Archive fmt/1101 image/heif 1.9 MB image#01

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gocfl

- Object**
- Manifest
- Version v1
- Version v2
- Short Report
- Full Report

ub:test01

Versions

v1: User OCFL

2025-01-17 18:40:12 +0100 CET

mailto:ocfl.user@unibas.ch

initial commit

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Quantities

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- Manifest
- Version v1**
- Version v2
- Short Report
- Full Report

Manifest

- Object
- Manifest**
- Version v1
- Version v2
- Short Report
- Full Report

ub:test01

- [README.md](#) 0 B
- [data/audio/Dragan_Espens](#) 364 kB 2023-11-28T18:03:21-01:00
- [data/audio/Dragan_Espens](#) 4.7 MB 2023-11-28T18:03:21-01:00
- [data/audio/Dragan_Espens](#) 2.3 MB 2023-11-28T18:03:21-01:00
- [data/audio/Dragan_Espens](#) 5.0 MB 2023-11-28T18:03:21-01:00
- [data/audio/Dragan_Espens](#) 459 kB 2023-11-28T18:03:21-01:00
- [data/audio/Dragan_Espens](#) 2.1 MB 2023-11-28T18:03:21-01:00
- [data/audio/Education of th](#) 60 kB 2023-11-28T18:03:21-01:00
- [data/audio/Education of th](#) 30 kB 2023-11-28T18:03:21-01:00
- [data/audio/Education of th](#) 18 kB 2023-11-28T18:03:21-01:00
- [data/image/IMG_6914.bmp](#) 37 MB 2023-11-28T18:03:21-01:00
- [data/image/IMG_6914.gif](#) 6.2 MB 2023-11-28T18:03:21-01:00
- [data/image/IMG_6914.heic](#) 1.9 MB 2023-11-28T18:03:21-01:00
- [v1/content/data/image/IMG_6914.gif](#) 6.2 MB image/gif
- [v1/content/data/image/IMG_6914.heic](#) 1.9 MB image/heif image01

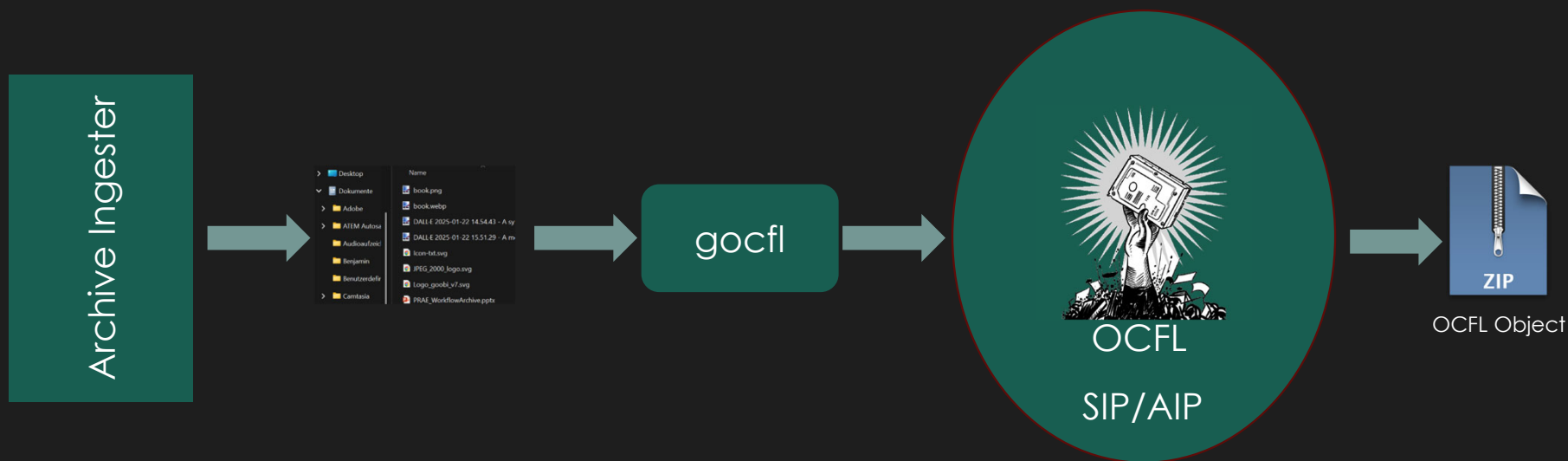
Version

- Object
- Manifest
- Version v1
- Version v2**
- Short Report
- Full Report

ub:test01

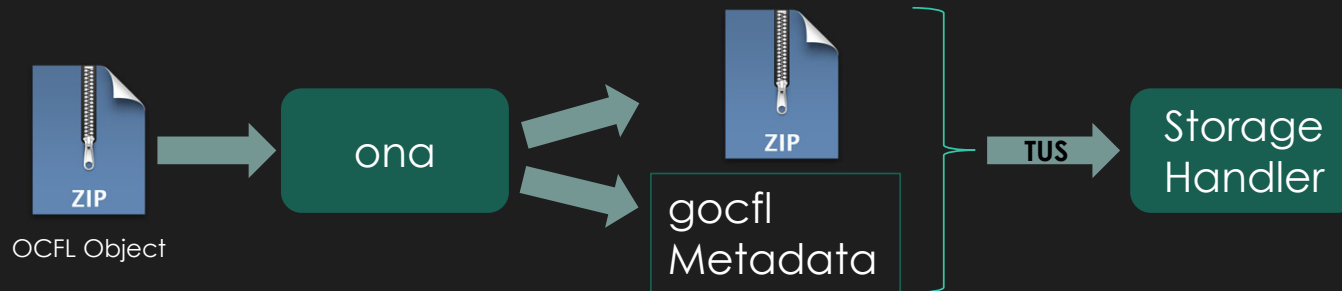
- [README.md](#) 0 B
- [data/audio/Dragan_Espenschied - 01 - Mein Leben fr die Wissenschaft.ogg](#) 364 kB audio/ogg
- [data/audio/Dragan_Espenschied - 02 - P2P.mp3](#) 4.7 MB audio/mp3
- [data/audio/Dragan_Espenschied - 02 - P2P.ogg](#) 2.3 MB audio/ogg
- [data/audio/Dragan_Espenschied - 08 - Zombie Mummy Theme.mp3](#) 5.0 MB audio/mp3
- [data/audio/Dragan_Espenschied - 09 - Procrastination Polka.ogg](#) 459 kB audio/ogg
- [data/audio/Dragan_Espenschied - 10 - Оля Зимой.mp3](#) 2.1 MB audio/mp3
- [data/audio/Education of the Noobz 1.docx](#) 60 kB application/msword
- [data/audio/Education of the Noobz 1.docx](#) 30 kB application/vnd.openxmlformats-officedocument.wordprocessingml.document
- [data/audio/Education of the Noobz 1.odt](#) 18 kB application/vnd.oasis.opendocument.text
- [data/image/IMG_6914.bmp](#) 37 MB image/bmp
- [data/image/IMG_6914.gif](#) 6.2 MB image/gif
- [data/image/IMG_6914.heic](#) 1.9 MB image/heif image01
- [data/image/IMG_6914.jpg](#) 3.7 MB image/jpeg

Focus Workflow: Books

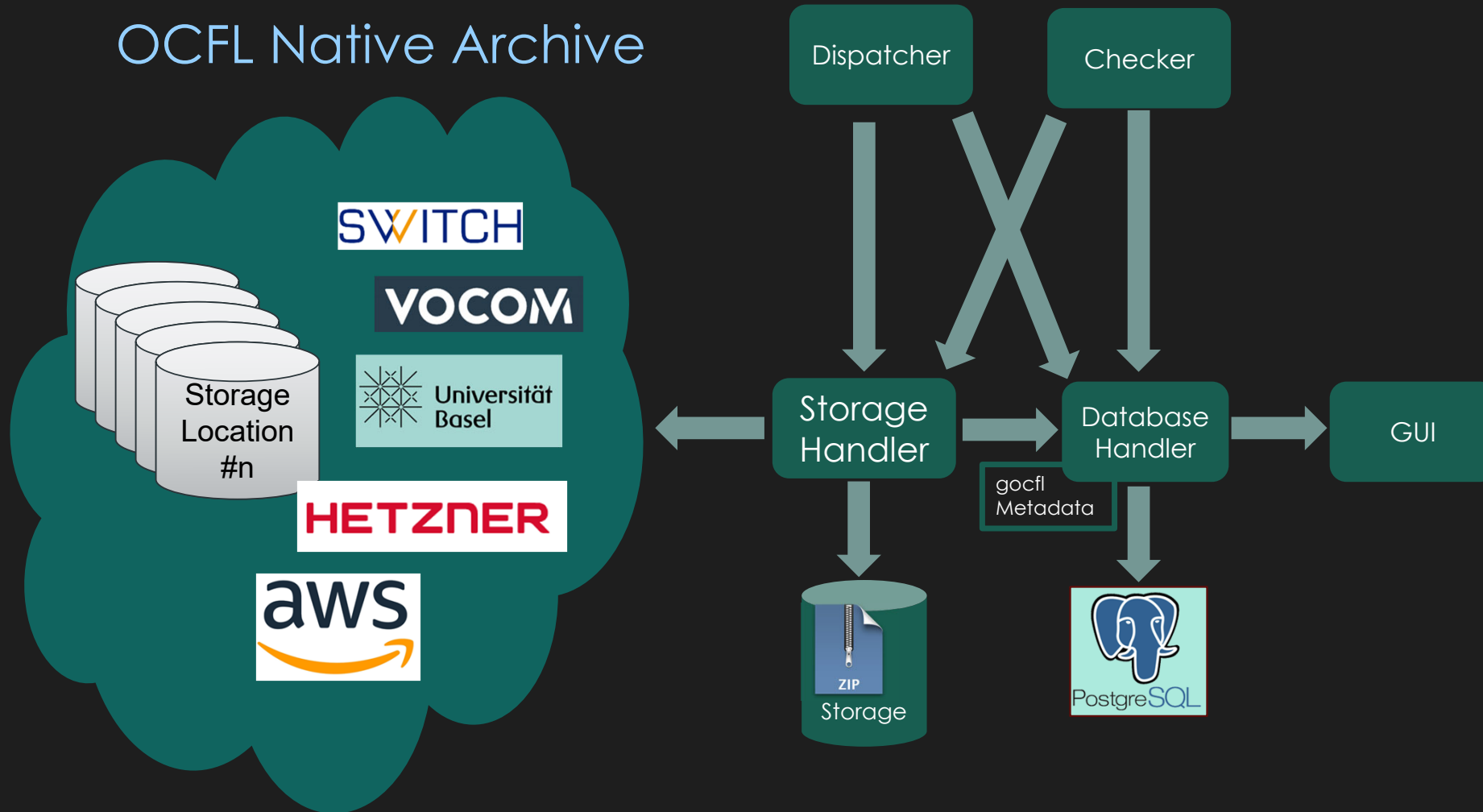


OAIS
SIP – Submission Information Package
AIP – Archival Information Packages
DIP – Dissemination Package

OCFL Native Archive



OCFL Native Archive



OCFL Native Archive GUI - Collections

GUI

Digitales Langzeitarchiv Universitätsbibliothek Basel dlza-2-tenants

Collections Create Collection +

Objects

Files

Storage Locations

Storage Partitions

Tenants

ID	Name	Alias	Description	Objects	Files	Size (MB)	Errors
4984fc27	e-manuscripta	e-manuscripta	Collection from test json file	56	1'430	7'235	6
ad5cee64	e-rara	e-rara	Test e-rara UB collection	56	56'884	219'969	8

Items per page: 25 ▾ 1–2 of 2 items ◀ ▶

OCFL Native Archive GUI

GUI

Digitales Langzeitarchiv Universitätsbibliothek Basel dlza-2-tenants

Collections / ad5cee64-9e64-4690-a87e-9058483c7db9 Report

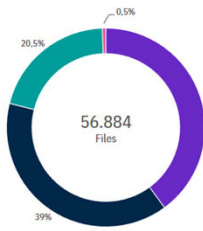
[Collections](#) / [ad5cee64-9e64-4690-a87e-9058483c7db9](#)
[Objects](#)
[Files](#)
[Storage Locations](#)
[Storage Partitions](#)
[Tenants](#)

ID	ad5cee64-9e64-4690-a87e-9058483c7db9
Name	e-rara
Alias	e-rara
Description	Test e-rara UB collection
Objects	56
Files	56'884
Size (MB)	219'969
Errors	8

Delete Edit

Mime Types [Overview](#) [Table](#)

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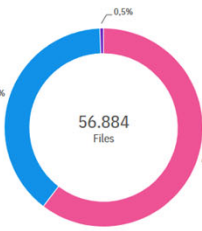


56.884 Files

■ application/javascript ■ image/tiff ■ application/xml ■ text/markdown...

PronomIds [Overview](#) [Table](#)

Top 10



56.884 Files

■ UNKNOWN ■ tmt/353 ■ tmt/1149, x.f...

Objects

ID	Title	Signature	Size (MB)	Sets	Collection
008b02cb	Precationes in gymnasio usitatae	alma_sisp:9961992860105504	153	all,e-rara_nz_dat...	e-rara
01f8c9c5	Q. Horatii Flacci poemata omnia	alma_sisp:9911013930105504	2'663	all,e-rara_nz_data	e-rara
09430c28	Vier Jahre in Asante	alma_sisp:9913943530105504	4'304	all,e-rara,colle-ra...	e-rara
0ba8db21	[Einladung zur Antrittsvorlesung von Johann Ludwig Frey am 10.12.1711]	alma_sisp:9929657740105504	99	all,e-rara,colle-ra...	e-rara

OCFL Native Archi

GUI

Objects / 008b09cb-41c6-45bc-b5b6-ba5cd66cae80

ID	008b09cb-41c6-45bc-b5b6-ba5cd66cae80
Title	Precationes in gymnasio usitatae
Signature	alma_slsp:9961992860105504
Size (MB)	153
Sets	all,e-rara,nz_data,col-e-rara
Collection	e-rara
Identifiers	oai:alma.41SLSP_UBS:9961992860105504,doi:10.3931/e-rara-53045,swissbib:069576602-41slsp_network,IDSBB:006199286DSV01,EXLNZ-41SLSP_NETWORK:991018371769705501,UBS:9961992860105504
References	
Authors	
Holding	UBH Fa IX 14:2
Expiration	
Checksum	ac8e7bb54aa22626e743ea9124ff74dda6b8e58ad60541420e10fc67e92e987e8c5e094becf120c3223bd70b0102641f5d9a04f139e9c3639791e8b5e994dde7
Address	mailto:dlza-ub@unibas.ch
Alternative Titles	
User	Kirwan, James <james.kirwan@unibas.ch>
Ingest Workflow	WF01
Keywords	
References	
Status	●
Total File Size (MB)	146
Update Date	21.8.2024
Created Date	21.8.2024
Head	v1
Versions	v1



OCFL Native Archiving

GUI

Objects / 008b09cb-41c6-45bc-b5b6-ba5cd66cae80

ID	008b09cb-41c6-45bc-b5b6-ba5cd66cae80
Title	Precationes in gymnasio usitatae
Signature	alma_slsp:9961992860105504
Size (MB)	153
Sets	all,e-rara,nz_data,col-e-rara

Object Instances

Status	ID	Path
ok	daf49a73-727b-4b25-a94d-66707dff9ab	vfs:/switch_ch_ub/ub-unibas-test/41573182-b5d1-4c76-970f-682aa7b8ed39-partition-1/alma_slsp_9961992860105504.zip
ok	b069fe16-7005-4d35-9e35-91841d65ed22	vfs:/switch_ch_ub_vip-2/ubbasel-test-2/bd39b123-28af-46f3-bb4a-94cfb7e451ab-partition-1/alma_slsp_9961992860105504.zip

Checksum	ac8e7bb54aa22626e743ea9124ff74dda6b8e58ad60541420e10fc67e92e987e8c5e094becf120c3223bd70b0102641f5d9a04f139e9c3639791e8b5e994dde7
Address	mailto:dlza-ub@unibas.ch
Alternative Titles	
User	Kirwan, James <james.kirwan@unibas.ch>
Ingest Workflow	WF01
Keywords	
References	
Status	●
Total File Size (MB)	146
Update Date	21.8.2024
Created Date	21.8.2024
Head	v1
Versions	v1

01,EXLNZ-



OCFL Native Archiv

Objects / 008b09cb-41c6-45bc-b5b6-ba5cd66cae80

ID	008b09cb-41c6-45bc-b5b6-ba5cd66cae80
Title	Precationes in gymnasio usitatae
Signature	alma_slsp:9961992860105504
Size (MB)	153
Sets	all,e-rara,nz_data,col-e-rara

Object Instances

Files

ID	Signature	Name	MIME Type	Pronom	Size (Byte)
0762a8be	alma_slsp:9961992860105504	metadata/thumbnails/v1/00008.png	application/octet-stream	UNKNOWN	0
0c141e85	alma_slsp:9961992860105504	data/fulltext/14499280.xml	application/xml	UNKNOWN	198'192
0d56bff9	alma_slsp:9961992860105504	data/fulltext/14499282.xml	application/xml	UNKNOWN	216'958
0ddbcb9	alma_slsp:9961992860105504	data/fulltext/14499290.xml	application/xml	UNKNOWN	6'225
116f165e	alma_slsp:9961992860105504	data/fulltext/14499281.xml	application/xml	UNKNOWN	215'783
132ee27a	alma_slsp:9961992860105504	data/image/14499283.tif	image/tiff	fmt/353	7'884'780
15f12461	alma_slsp:9961992860105504	data/fulltext/14499277.xml	application/xml	UNKNOWN	189'067
1645e136	alma_slsp:9961992860105504	metadata/thumbnails/v1/00002.png	application/octet-stream	UNKNOWN	0
1f4231b6	alma_slsp:9961992860105504	metadata/thumbnails/v1/00014.png	application/octet-stream	UNKNOWN	0
204ab265	alma_slsp:9961992860105504	metadata/thumbnails/v1/00011.png	application/octet-stream	UNKNOWN	0
20ed714f	alma_slsp:9961992860105504	data/fulltext/14499289.xml	application/xml	UNKNOWN	122'014

01,EXLNZ-



.zip

00102641f5d9a04f139e9c3639791e8b5e994dde7

OCFL Native Archive GUI - Reporting

Digitales Langzeitarchiv

Universitätsbibliothek Basel - 30.1.2025
Collections Report

Collection

ID: ad5ceeb4-9e64-4690-a87e-9058483c7db9

Name: e-rara

Alias: e-rara

Description: Test e-rara UB collection

Objects: 56

Files: 56'884

Size (MB): 219'969

Errors: 0

Mime Types

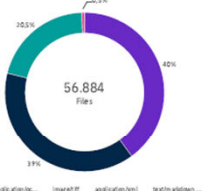
ID	File Count
application/json	156
application/marc	55
application/octet-stream	22752
application/xml	11666
image/tiff	22202
text/markdown	7
UNKNOWN	46

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Digitales Langzeitarchiv

Mime Types Overview

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56.884 Files

application/json image/tiff application/marc text/markdown ...

Pronoms

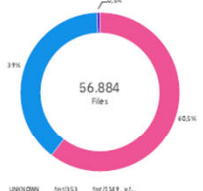
ID	File Count
fmt/101	112
fmt/1149	7
fmt/353	22194
fmt/817	156
x-frm/387	8
UNKNOWN	3407

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Digitales Langzeitarchiv

Pronoms Overview

Top 10



56.884 Files

UNKNOWN fmt/353 fmt/1149, x.f. ...

Storage Locations

ID	Alias	Used Space (MB)	No. of Objects	Existing Volume (MB)	Errors	Quality	Cost
41973182-95d1-4c7b-9201-682a4758ed39	S3 Switch	237'125	115	600'000	4	30	1000
bd19b121-28a4-46f0-bb4a-96c1b7e451ab	S3 Switch	329'388	114	600'000	4	40	1000

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Thank you very much for your attention

<https://github.com/ocfl-archive/gocfl>