

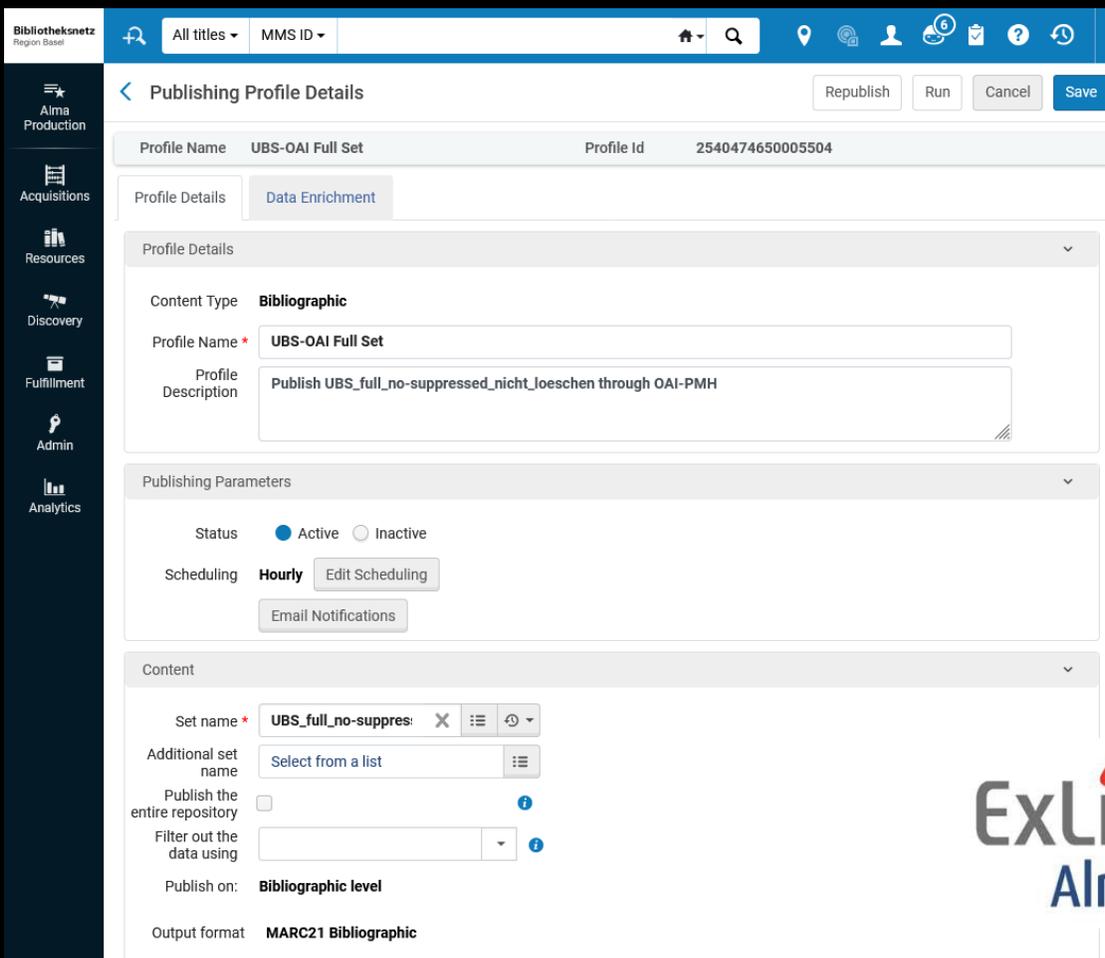
Alma2Elastic

Bibliotheksmetadaten als Basis für alles



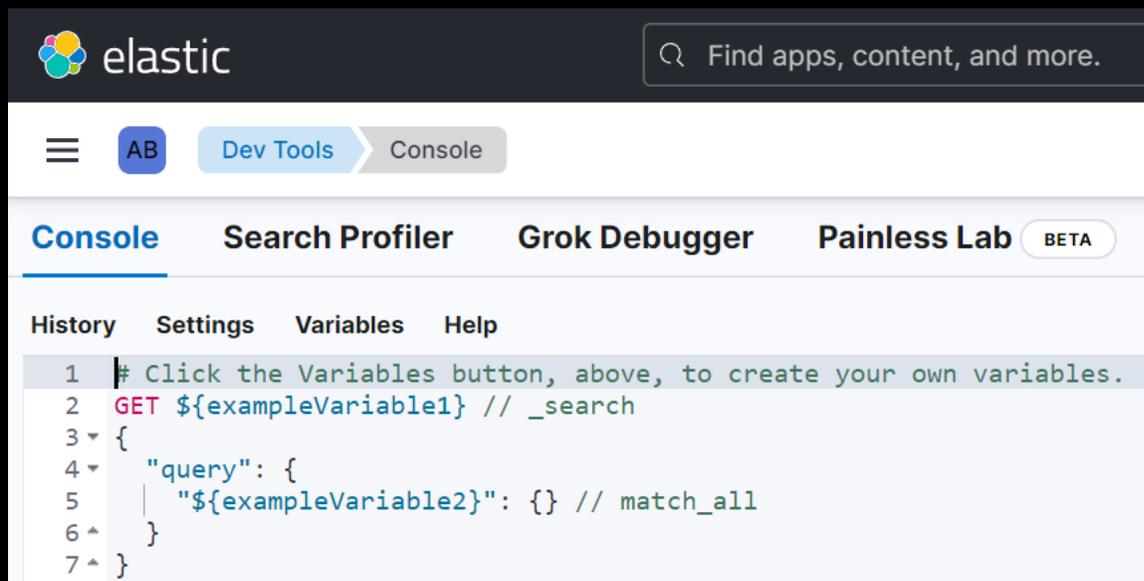
- Was haben wir
- Was wollen wir
- Was ist zu tun
- Was kommt raus

Alma mit OAI-PMH



The screenshot shows the 'Publishing Profile Details' page in the Alma interface. The page is for a profile named 'UBS-OAI Full Set' with ID '2540474650005504'. The 'Profile Details' section shows the content type as 'Bibliographic', the profile name as 'UBS-OAI Full Set', and the profile description as 'Publish UBS_full_no-suppressed_nicht_loeschen through OAI-PMH'. The 'Publishing Parameters' section shows the status as 'Active', scheduling as 'Hourly', and an 'Email Notifications' button. The 'Content' section shows the set name as 'UBS_full_no-suppres', an 'Additional set name' dropdown, a checkbox for 'Publish the entire repository', a 'Filter out the data using' dropdown, 'Publish on: Bibliographic level', and 'Output format: MARC21 Bibliographic'. The page includes a navigation sidebar on the left with options like 'Alma Production', 'Acquisitions', 'Resources', 'Discovery', 'Fulfillment', 'Admin', and 'Analytics'. The top navigation bar includes search and navigation icons.

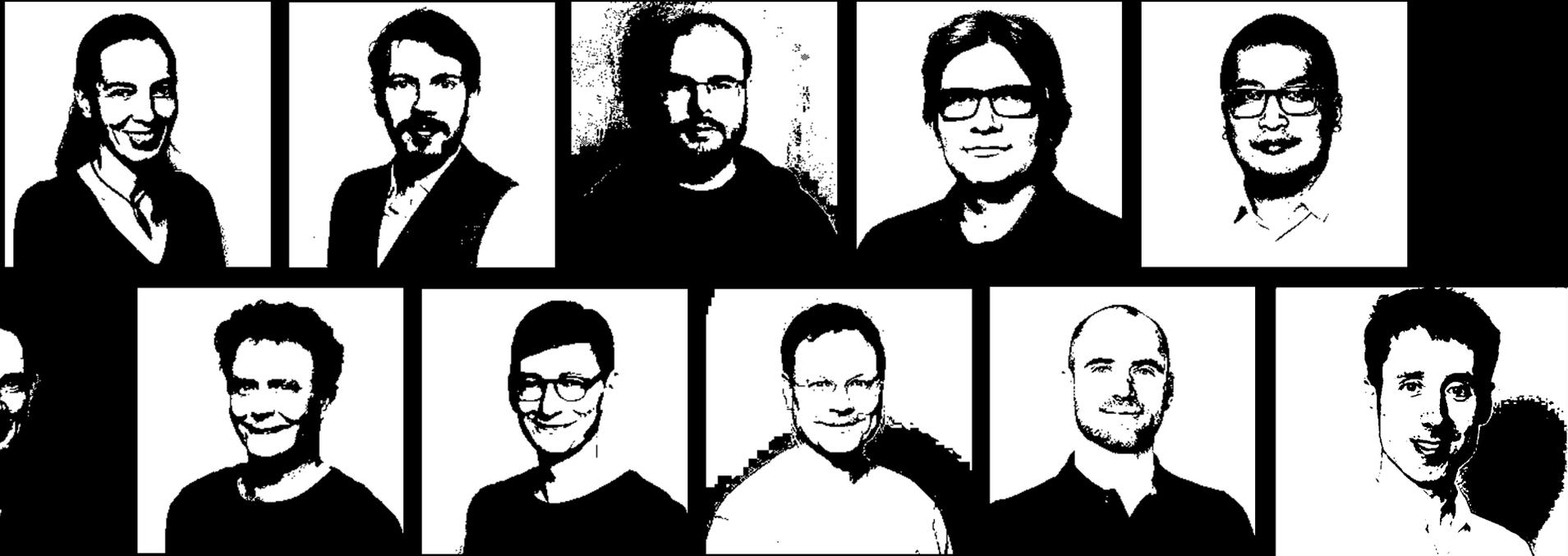
Elasticsearch



The screenshot shows the Elastic Dev Tools Console interface. At the top left is the Elastic logo. A search bar contains the text "Find apps, content, and more.". Below the search bar are navigation tabs: "AB", "Dev Tools", and "Console". Underneath are sub-tabs: "Console", "Search Profiler", "Grok Debugger", and "Painless Lab" (marked as BETA). A menu bar includes "History", "Settings", "Variables", and "Help". The main area displays a code editor with the following content:

```
1 # Click the Variables button, above, to create your own variables.
2 GET ${exampleVariable1} // _search
3 {
4   "query": {
5     "${exampleVariable2}": {} // match_all
6   }
7 }
```

UB Informatik



Was wollen wir?

Metadaten
Analysieren

Deduplizierung
IZ

Anreicherung:
GND

Anreicherung:
Retrodigitalisate

Spezial-Katalog

Digitales Archiv



```

430 mapping : {
431   "date": [
432     {
433       "gte": "1983",
434       "lte": "1983"
435     }
436   ],
437   "daterange": [
438     {
439       "gte": "1983",
440       "lte": "1983"
441     }
442   ],
443   "extension": {
444     "localCodeMZ": [
445       "IDSE5med",
446       "REROnosell",
447     ],
448     "subjectCategoryUbs": [
449       "ph",
450       "kp"
451     ]
452   },
453   "location": {
454     "holding": [
455       {
456         "library": "A100",
457         "location": "100FM",
458         "callNumber": "UBH ig 8033"
459       }
460     ],
461     "item": [
462       {
463         "holdingCallNumber": "UBH ig 8033",
464         "library": "A100",
465         "location": "100FM",
466         "noteInternal": "Akz: 51522"
467       }
468     ]
469   }
470 }
471
472
473
474
475

```

MODSlike as JSON

```

: [
  "$$Ästhetik der Antike$$cherausgegeben von Joachim Krueger|"
: [
  "$$2. Auflage|"
: [
  "$$Berlin$$bAufbau-Verlag$$c1983$$aWeimar|"
: [
  "$$a478 Seiten$$bIllustrationen$$c21 cm|"
: [
  "$$bsti$$2rdacontent|",
  "$$btxt$$2rdacontent|"
: [
  "$$bn$$2rdamedia|"
: [
  "$$bnc$$2rdacarrier|"
: [
  "$$aEnthält eine Auswahl von Texten antiker Autoren|"
: [
  "$$Ästhetik$$0(DE-588)4000626-8$$2gnd|",
  "$$aEsthétique$$0(IDREF)027224503$$2idref|",
  "$$aPhilosophie grecque$$0(IDREF)027284573$$2idref|",
  "$$aPhilosophie latine$$0(RERO)A027725607$$2rero|",
  "$$Ästhetik$$yGeschichte Altertum$$vAnthologie$$2idsbb|"
: [
  "$$aAnthologie$$2gnd-content|"
: [

```

MARC lines as JSON

```

-full-a",
a.41SLSP_UBS:992147300105504",
"2023-07-06T19:45:30Z",
typeOfRecord": "a",
bibliographicStatus": "m",
encodingLevel": " ",
multipartLevel": " ",
l": "01593nam a2200457 c 4500"
": {
992147300105504",
TransactionTime": "20230216203451.0",
eOfDate": "s",
dateFirst": "1983",
dateSecond": " ",
country": "gw ",
_formOfItem": " ",
language": "ger",
"201012s1983 gw ||||| |||| 00| ||gerd"
[
35",
",
",
": [
lssbib)240555171-41slsp_network"
35",

```

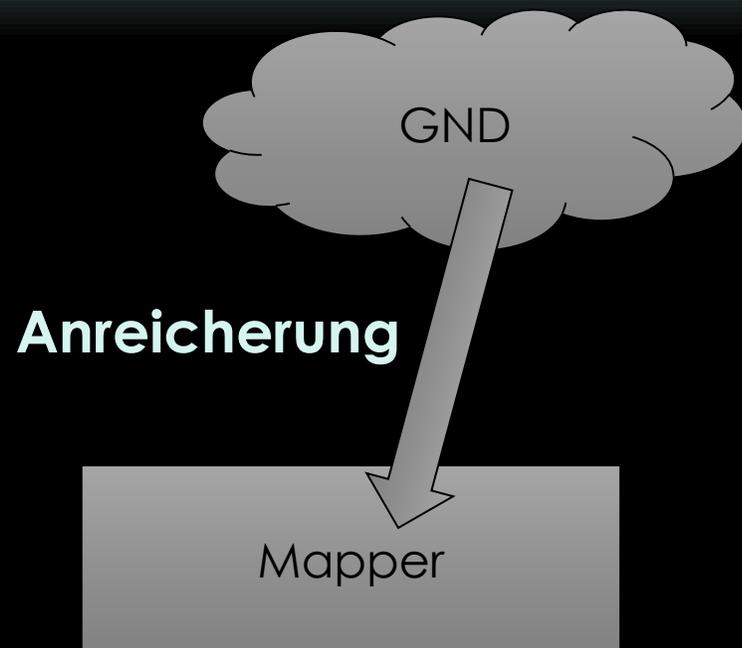
MARC as JSON

pping

Mapping - MODSlike

Flags	Marcfield	Elasticfield	Regexp	Replace	QualifierSubfield	QRegexp	Fieldtype
all	0204.a	identifier.videoRecordingIdentifier					
all	856.[^2]u	location.digital		url.js			object
all	947..u	location.electronic		electronic.js			object
all	245..a	location.holding		holding.int			object
all	949..b	location.item		item.js			object
all	245..a	name.conference		conference.int			object
all	245..a	name.corporate		corporate.int			object
all	245..a	name.family		family.int			object
all	751..a	name.geographic		geographic.js			object
all	245..a	name.personal		person.int			object
all	541..[acdef]	note.acquisition					
all	264.4c	originInfo.copyrightDate					
all	264.2a	originInfo.distribution		originInfo.js			object
all	880.2a	originInfo.distribution		originInfo.js		6 ^264	object
all	250..[ab]	originInfo.edition					
all	880..[ab]	originInfo.editionAltRep				6 ^250	
all	264.3a	originInfo.manufacture		originInfo.js			object
all	880.3a	originInfo.manufacture		originInfo.js		6 ^264	object
all	264.0a	originInfo.production		originInfo.js			object
all	880.0a	originInfo.production		originInfo.js		6 ^264	object
all	264.1a	originInfo.publication		originInfo.js			object
all	880.1a	originInfo.publication		originInfo.js		6 ^264	object
all	351..[ac]	physicalDescription.arrangement					
all	362..a	physicalDescription.dateSequentialDesignation					
all	300..[abce]	physicalDescription.extent		extent.js			object
all	310..a	physicalDescription.frequency					
all	340..[a-q]	physicalDescription.medium					
all	348..a	physicalDescription.notatedMusic					
all	035..[az]	recordIdentifier	^(\[[^\]]+\)+.)\$	\${1}			
all	035..[az]	recordIdentifier	^(EXLNZ-41SLSP)	\${1}			
all	770..[twzxa]	relatedItem.constituent		relatedItem.js			object
all	700.2a	relatedItem.constituentWork		work-person.js			object
all	710.2a	relatedItem.constituentWork		work-corporate.js			object

Anreicherung GND



Flags	Marcfield	Elasticfield	Regexp	Replace	QualifierSubf	QRegexp	Fieldtype	URL
all	245 .a	subject.geographic		subject.geo.srv			object	https://localhost:12345/api/v1/subject.geo
all	245 .a	name.personal		person.srv			object	https://localhost:12345/api/v1/person
all	245 .a	originInfo.geographic		geo.srv			object	https://localhost:12345/api/v1/geo
all	245 .a	subject.name.personal		subject.person.srv			object	https://localhost:12345/api/v1/subject.person

```

"name": {
  "personal": [
    [
      {
        "gnd": {
          "date": "1822-1910",
          "gender": "male",
          "identifier": "(DE-588)11623010X",
          "level": "gnd1",
          "namePart": "Duboc, Charles Edouard",
          "role": [
            "scr"
          ],
          "useFor": [
            "a",
            "f",
            "s",
            "z"
          ],
          "variant": [
            "Duboc, Carl Eduard",
            "Duboc, Charles Eduard",
            "Duboc, Edouard",
            "Duboc, Eduard",
            "Duboc, Karl Eduard",
            "Duboc, Robert Waldmüller-",
            "Waldmüller-Duboc, Robert",
            "Waldmüller Duboc, Robert"
          ]
        }
      }
    ]
  ]
}

```

Weitere Anreicherungen

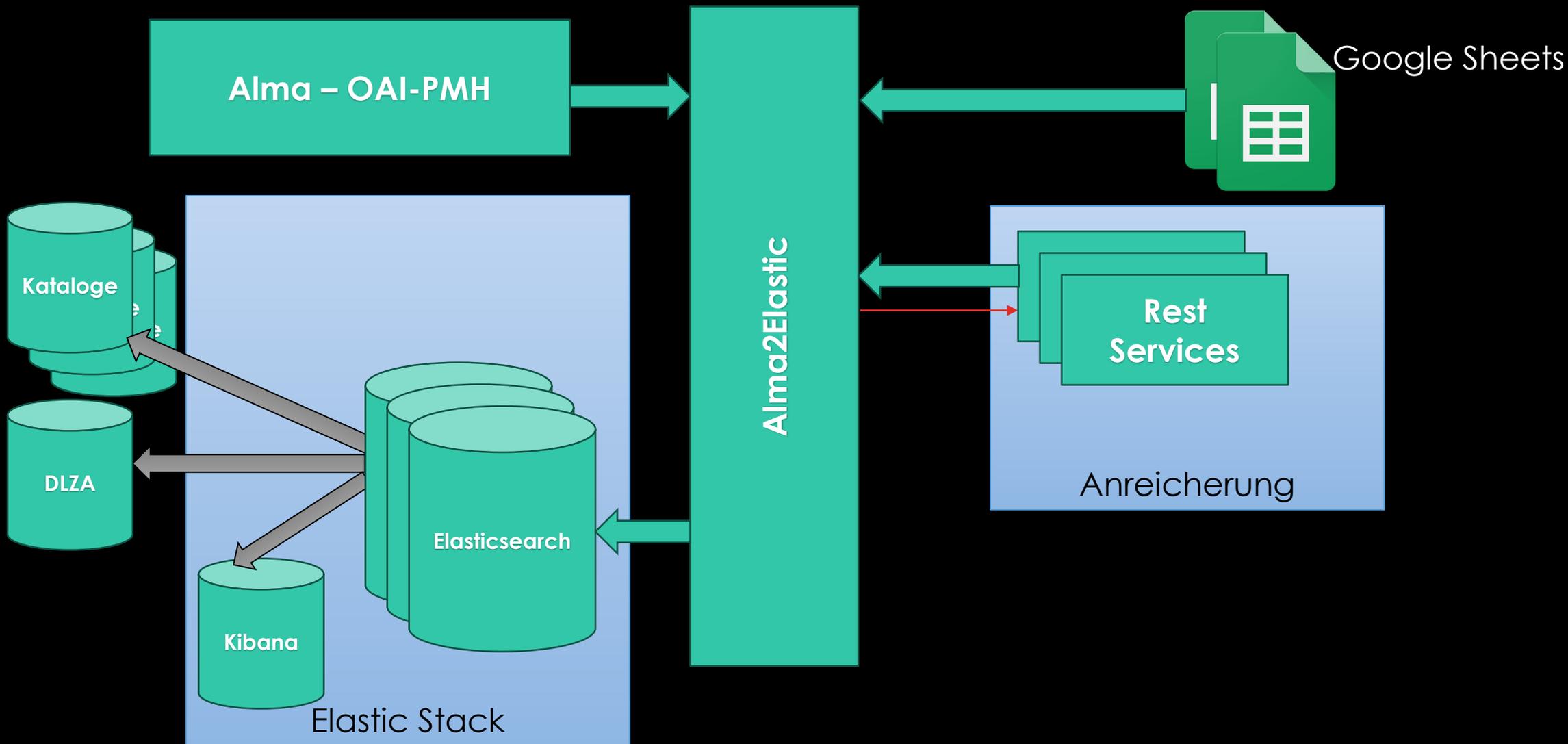
```
"topic": [
  {
    "data": {
      "P31": [
        {
          "simple": "Q483394"
        }
      ]
    },
    "descriptions": {
      "de": "Kunstgattung der malerischen Gestaltung von Büchern",
      "en": "picture in an ancient or medieval illuminated manuscript",
      "fr": "peinture figurée servant à enluminer un livre",
      "it": "immagine realizzata per decorare un manoscritto"
    },
    "id": "Q8362",
    "labels": {
      "de": "Buchmalerei",
      "en": "manuscript illumination",
      "fr": "miniature",
      "it": "miniatura"
    },
    "lastModified": "Sun, 04 Feb 2024 06:15:37 GMT",
    "originId": "Q8362"
  }
],
```

Wikidata

```
"structure": {
  "digi_collection": {
    "digital_container": [
      {
        "digital_container": [
          {
            "files": [
              {
                "created": "2012-12-21T19:27:58.5297Z",
                "href": "https://www.e-manuscripta.ch/i3f/v21/169442/full/full/0/default.jpg",
                "href_mediaserver": "mediaserver:bau/10.7891_e-manuscripta-7606_009_1_image_169442.tif",
                "id": "IMG169442",
                "internal": true,
                "label": "[Seite 1]",
                "loc_type": "URL",
                "mediaserver_id": "document.document.0001.page.0001.IMG169442",
                "mime_type": "image/tiff",
                "old_href": "image/169442.tif",
                "size": 42553396
              }
            ],
            "id": "phys169442",
            "label": "[Seite 1]",
            "order": "1",
            "type": "page"
          }
        ],
        "files": [
          {
            "created": "2012-12-21T19:27:59.3196Z",
            "href": "https://www.e-manuscripta.ch/i3f/v21/169443/full/full/0/default.jpg",
            "href_mediaserver": "mediaserver:bau/10.7891_e-manuscripta-7606_009_1_image_169443.tif",
            "id": "IMG169443",
            "label": "[Seite 2]",
            "loc_type": "URL",
```

Digitalisate

Infrastruktur



Metadatenanalyse

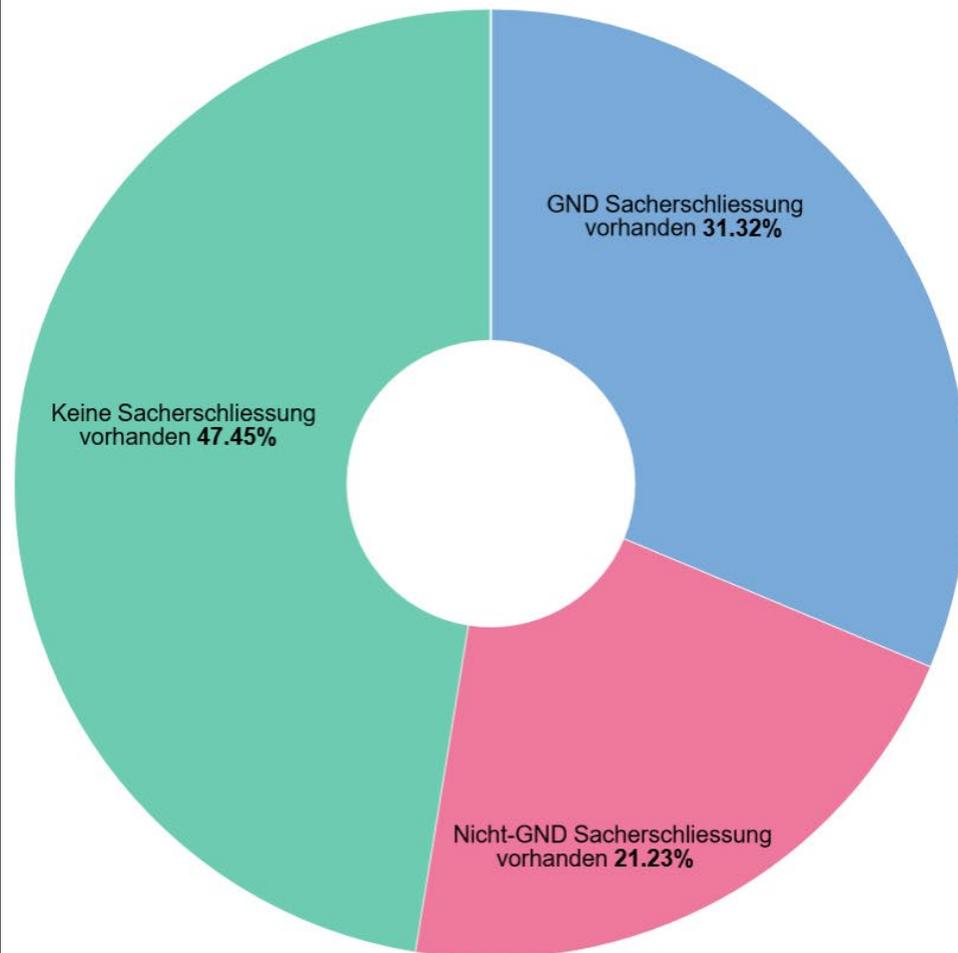
Aufnahmen mit falschem Zeichen in Feldnummer Count of records 4	Aufnahmen mit falschem Zeichen in Unterfeld Count of records 1,107	Aufnahmen mit falschem MARC-Feld Count of records 1,161	008 mit falscher Länge Count of records 3,503	controffield mit falscher Feldnummer Count of records 41	
Falsche IHV Links in 949 Count of records 4	856 ohne \$u Count of records 64	856 ohne URL in \$u Count of records 11	Verknüpfung zu mehreren Normdateien in einem Feld Count of records 8	245 ohne \$a Count of records 26	
Feld 240, kein Feld 100 Count of records 273	Jahr 1 "uuuu", Jahr 2 beginnt mit 1 oder 2 Count of records 540	Jahr 1 mit u, 773 \$g yr Count of records 203	Jahr 1 grösser als 2025 Count of records 10	Jahr 2 grösser als 2025 Count of records 142	
880 für 1xx/7xx ohne Verknüpfung (inkl. korrekte Fälle) Count of records 2,326	880 für 1xx/7xx ohne Verknüpfung (sicher falsche Fälle) Count of records 1,366				
Falsche MMS ID in \$w Count of records 809	Falsche IDSBB IDs in \$w Count of records 42	Verknüpfung mit IZ MMS ID Count of records 34			

Metadatenanalyse

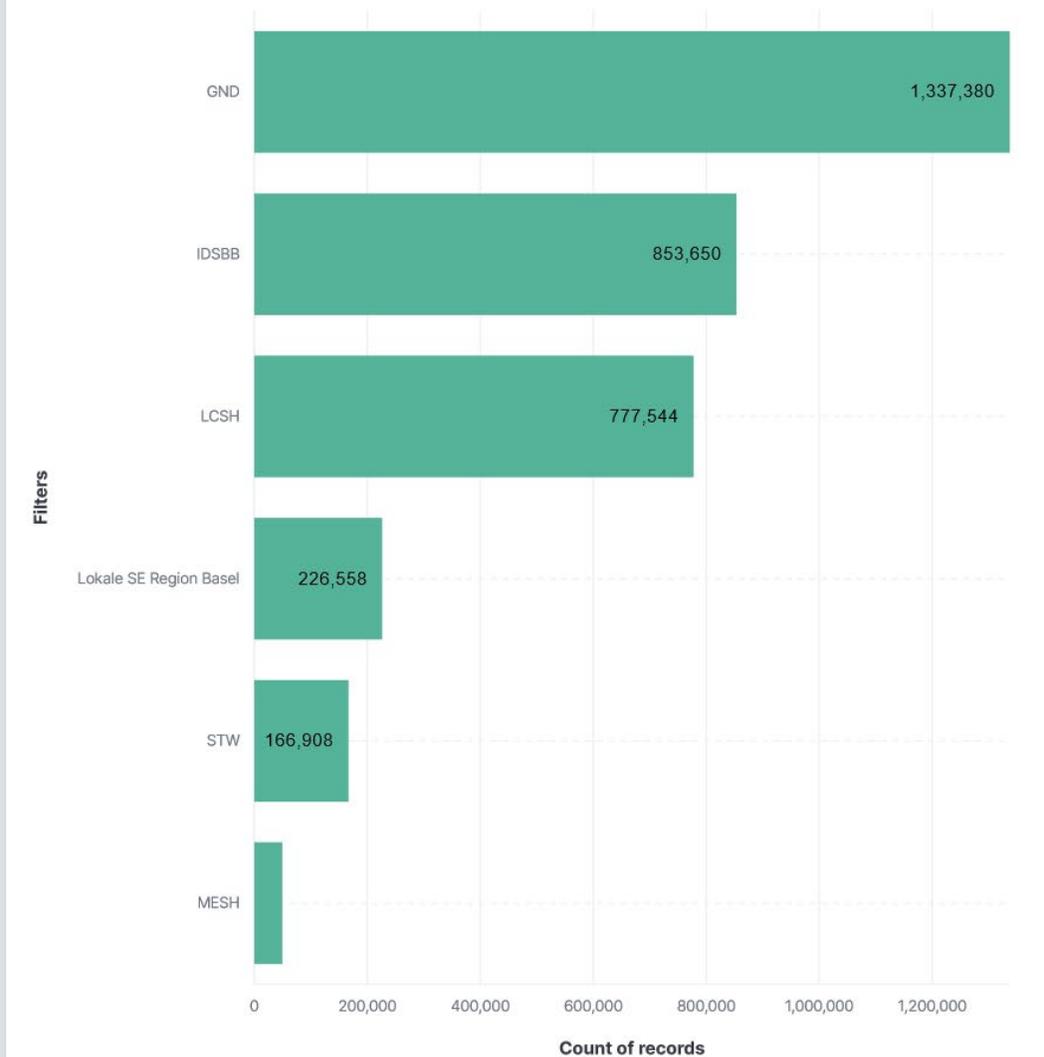


Metadatenanalyse

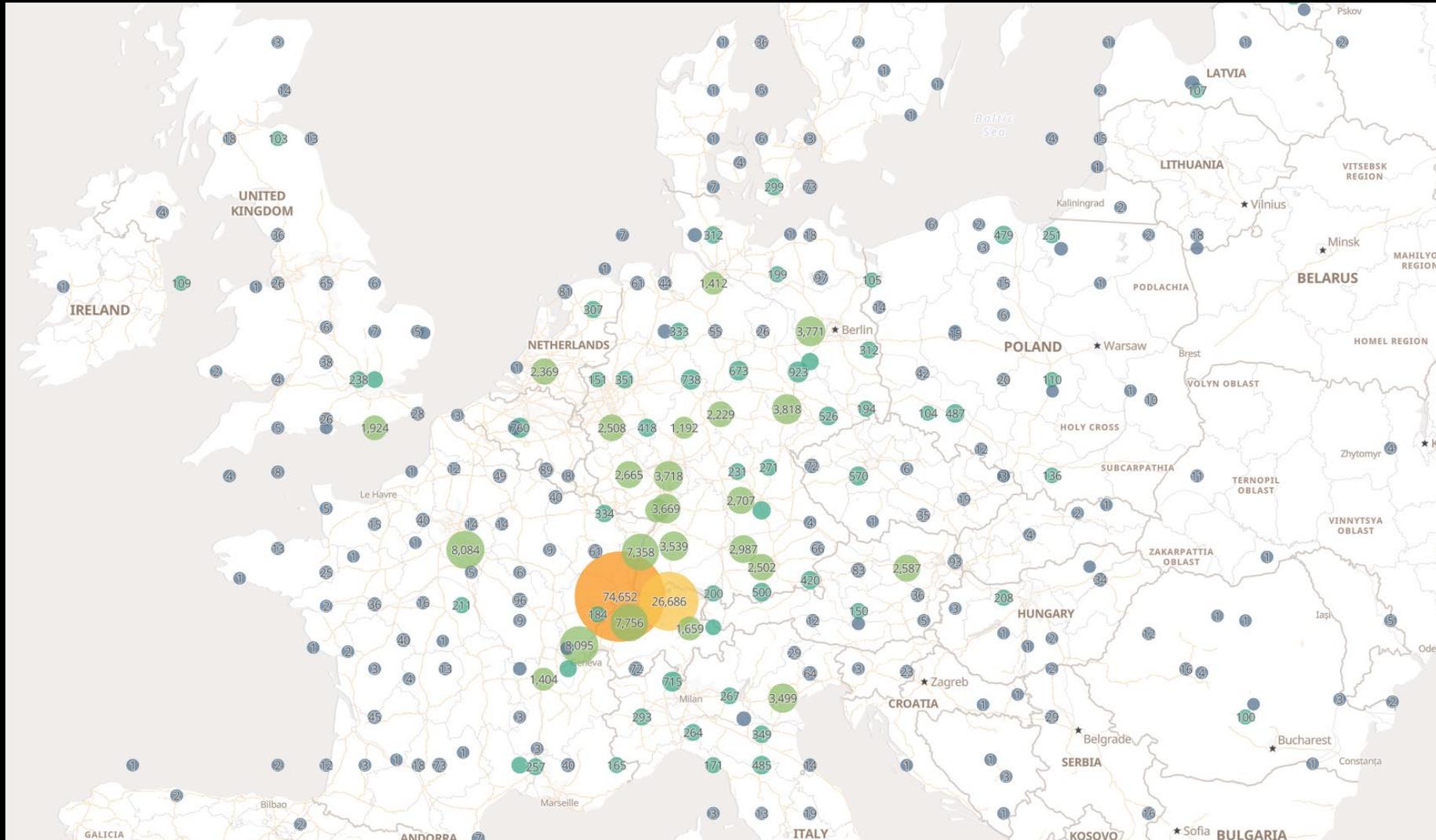
Anteil Aufnahmen mit/ohne Sacherschliessung



Anzahl Aufnahmen pro Normdatei



Metadatenanalyse



- OCFL Native Archive

Digitales Langzeitarchiv Universitätsbibliothek Basel test-admin

Collections

- Objects**
- Files
- Storage Locations
- Tenants

[Objects](#) / a07e60e4-48b0-4e42-aba2-64173fc9d312

ID	a07e60e4-48b0-4e42-aba2-64173fc9d312
Title	Dissertatio Medica Inavgvralis De Prærogativa Medicamentorum Simplicivm
Signature	id:9941921770105504
Size (MB)	235
Sets	all,e-rara,unikat,bbk,lib_uni,lib_ubhaupt
Collection	e-rara

Files

ID	Name	MIME Type	Pronom	Size (Byte)
0294488c	data/fulltext/20597153.xml	application/xml	UNKNOWN	373631
02ef971c	metadata/schemas/premis.xsd	application/octet-stream	UNKNOWN	0
051e7a24	data/fulltext/20597159.xml	application/xml	UNKNOWN	353370

- OCFL Native Archive
- AIP – Archival Information Package

enhancedMeta.json

info.xml

marc.json

marc.mrc

marc.xml

```
1  {
2  → "LDR": {
3  →   "leader_06_typeOfRecord": "a",
4  →   "leader_07_bibliographicStatus": "m",
5  →   "leader_17_encodingLevel": "u",
6  →   "leader_19_multipartLevel": "",
7  →   "leader_full": "01272nam a2200349uc 4500"
8  → },
9  → "controlfield": {
10 →   "001": "9911668510105504",
11 →   "005": "20240320230924.0",
12 →   "007": "cr|||||||",
13 →   "008": "951030s1579...sz.....00| |lat d",
14 →   "008_06_typeOfDate": "s",
15 →   "008_07-10_dateFirst": "1579",
16 →   "008_11-14_dateSecond": "...",
17 →   "008_15-17_country": "sz",
18 →   "008_23or29_formOfItem": "",
19 →   "008_35-37_language": "lat"
20 → },
21 → "datafield": [
22 →   {
23 →     "ind1": "",
24 →     "ind2": "",
25 →     "subfield": [
26 →       "a·Unikatsaufnahme, gesperrt für das Anhängen weiterer Signaturen",
27 →       "5·IDSBB/13.08.2020/bv,cpi"
28 →     ],
29 →     "tag": "019"
30 →   },
31 →   {
32 →     "ind1": "7",
33 →     "ind2": "",
34 →     "subfield": [
35 →       "a·10.3931/e-rara-8657",
36 →       "2·doi"
37 →     ],
38 →     "tag": "024"
39 →   },
40 →   {
41 →     "ind1": "",
42 →     "ind2": "",
43 →     "subfield": [
44 →       "a·(swissbib)02705196X-41s1sp_network"
45 →     ],
46 →     "tag": "035"
47 →   },
48 →   {
```

test-admin



Sonst noch was?

Discord window showing a chat in the server 'UB Basel' on the channel '# the-art-channel'. The chat history shows three messages from 'ub-bot' (APP) dated 30.04.2024 15:19. Each message contains a numeric ID, an OAI identifier, a title, a URL, and an author name.

- 3 - 2.376645 - oai:alma.41SLSP_UBS:9972693356805504
Classic Chic : Music, Fashion, and Modernism /
https://basel.swisscovery.org/discovery/fulldisplay?docid=alma9972693356805504&context=L&vid=41SLSP_UBS:li
author, <http://id.loc.gov/vocabulary/relators/aut>
Davis, Mary E.,
- 4 - 2.375664 - oai:alma.41SLSP_UBS:9929221080105504
Goddess: the classical mode
https://basel.swisscovery.org/discovery/fulldisplay?docid=alma991069790159705501&context=L&vid=41SLSP_UBS:li
author
Koda, Harold
- 5 - 2.368669 - oai:alma.41SLSP_UBS:9967687540105504
Items : is fashion modern?
https://basel.swisscovery.org/discovery/fulldisplay?docid=alma991158844389705501&context=L&vid=41SLSP_UBS:li
wst

The chat input field at the bottom shows 'Nachricht an #the-art-channel'.

A vertical list of channels for the server 'UB Basel'. The channels are categorized into 'TEXTKANÄLE' and 'SPRACHKANÄLE'. The visible channels are: # allgemein, # testkanal-2, # the-art-channel, # the-anglistics-channel, # swi-test, # anglistik-literatur, and # italienisch-literatur.

Discord window showing a chat in the server 'UB Basel' on the channel '# same-as'. The chat history shows a message from 'Silvia Witzig' using the 'similararknn' command, followed by a response from 'ub-bot' (APP) dated 30.04.2024 11:44. The bot's response includes a URL, an author name, and a list of query results.

https://basel.swisscovery.org/discovery/fulldisplay?docid=alma991015698239705501&context=L&vid=41SLSP_UBS:live
author
Perl, Helmut (1927-2004)

Silvia Witzig verwendet [similararknn](#)

ub-bot (APP) 30.04.2024 11:44
searching marc similarities for: Der Fall "Zauberflöte" : Mozarts Oper im Brennpunkt der Geschichte
Filter:
flags: didi_hackathon_sameAs*

ub-bot

Query Results

Query
similar:oai:alma.41SLSP_UBS:9922534750105504 - Der Fall "Zauberflöte" : Mozarts Oper im Brennpunkt der Geschichte

Total Hits
9

0 - 0.956303 - oai:alma.41SLSP_UBS:997836100105504
Wo alles aufhört, beginnt das Spiel : Gedanken über Mozarts "Zauberflöte" (KV 620, Ausschnitte)
https://basel.swisscovery.org/discovery/fulldisplay?docid=alma991131324109705501&context=L&vid=41SLSP_UBS:live
author

The chat input field at the bottom shows 'Nachricht an #same-as'.

Vielen Dank

Silvia Witzig (silvia.witzig@unibas.ch)

Jürgen Enge (juergen.enge@unibas.ch)