
OpenEdition KBART Documentation

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OpenEdition provides electronic resource title lists and coverage data for the documents published on [OpenEdition Books](#) and [OpenEdition Journals](#) as [KBART files](#). Alternatively, OpenEdition metadata can be harvested using [OpenEdition OAI-PMH repository](#) or downloaded as [MARC records](#).

This documentation describes the specific elements related to OpenEdition but does not include a complete description of KBART specifications.

In order to facilitate the integration of data between [OpenEdition Books](#), [OpenEdition Journals](#), knowledge bases and discovery tools, KBART metadata ([Knowledge Base And Related Tools](#)) is now available for download on [OpenEdition](#) and [BACON](#), the French national knowledge base (BAse de CONnaissance Nationale Française). Such data provides information relating to the status of the collections and the bundles available for purchase.

KBART files are published on BACON under the [CC0 license](#) and on OpenEdition under the following licenses: [Creative Commons Attribution 4.0 International License](#) and the French “[Licence Ouverte / Open license](#)”.

1.1 Knowledge Base And Related Tools

In an era of electronic documentation, we are facing the challenge of ever-evolving catalogues and moving resources. In order to tackle this issue, the US agency for normalisation proposed KBART as a framework for sharing information about electronic collections.

The KBART recommendation mostly consists of a standard 25 columns [TSV](#) table and best practices about how to fill it, name it and share it. KBART files are very well suited to describe electronic collections such as OpenEdition’s. For each available resource, it allows one to get minimal bibliographic information along with access modalities (is this journal Open Access? what is the URL for that book?)

Yet, the KBART format **is not** adapted to retrieve detailed metadata about a resource. It is made to describe catalogues, bundles and states of collections. In case you’re looking for detailed metadata about OpenEdition resources, you should consider reading OpenEdition’s [OAI-PMH](#) or [MARC](#) documentations. In this case, KBART could be useful as an entry point in order to retrieve identifiers, for example. Such case is developed in the “[Going further...](#)” section of this documentation.

A standard format such as KBART facilitates interoperability, electronic resources maintenance and subscription management. It allows one to develop or use tools that are not provider-dependant.

1.2 BACON

[BACON](#) (*BAse de CONnaissance Nationale*) is a platform created and maintained by the [ABES](#) (*Agence Bibli-*

ographique pour l'Enseignement Supérieur) in order to provide a Knowledge Base hub, centralizing KBART storage & access from many providers relevant for Superior Education & Research.

BACON provides free metadata (everything is [CC0-licensed](#)) for signaling electronic resources. It offers various services related to knowledge bases.

1.2.1 A National Knowledge Base

At the end of March 2020, BACON gathers data from 106 providers, making more than 850 packages available from <https://bacon.abes.fr>

This website offers three main functionalities : exporting data, signaling mistakes & syndication feeds. It comes with a [documentation available in English](#), and a [useful glossary](#), yet only in French. (alternatively, one can consult the [NISO Kbart glossary](#))

This documentation also describes a few webservices, which allow one to build complex tools over BACON. These webservices expose KBART, XML or JSON and offer various functionalities, such as retrieving a structured list of available packages.

The BACON documentation being quite extensive, we won't be detailing here how to use BACON website & webservices.

1.2.2 Standard name scheme & unique endpoint

BACON-hosted KBART files follow the KBART recommandation for file naming: [ProviderName]_[Region/Consortium]_[PackageName]_[YYYY-MM-DD].txt

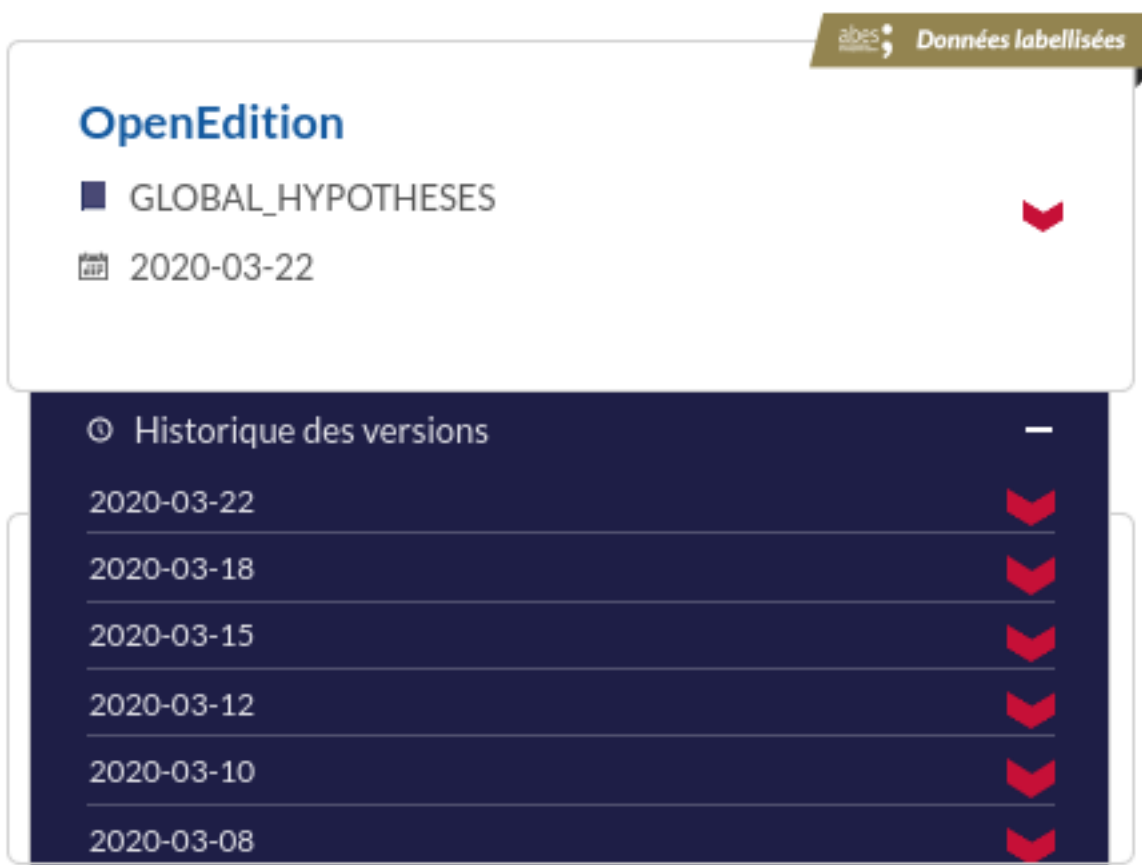
Knowing a KBART file name, it is possible to access it at: [https://bacon.abes.fr/package2kbart/\[Filename\]](https://bacon.abes.fr/package2kbart/[Filename])

1.2.3 Versionning

As the name scheme above suggests, BACON makes it possible to get the version of a KBART file at a given date by specifying it in the last part of the file name, in YYYY-MM-DD format.

If that part is omitted, so the filename looks like [ProviderName]_[Region/Consortium]_[PackageName].txt, BACON will automatically serve the most up-to-date version.

It is also possible to graphically browse a file's versions in the website interface:



1.2.4 Data curation & quality label

BACON's data is monitored and curated by the ABES teams. When a KBART file meets [certain quality criterias](#), it is given a “quality label”. As it can be seen in the above screenshot, the OpenEdition Hypotheses KBART has been highlighted by this label.

Warning: KBART files served by BACON are appended a non-standard 26th column, called `bestppn`. It is the best matching identifier found for this resource in the [SUDOC catalogue](#). Additional information about this 26th column can be found in [this article from the ABES's blog](#) (in French).

Most of the time, it can simply be ignored if it's not of any use to you.

Accessing KBART files

Table of Contents

- *Accessing KBART files*
 - *Complete lists*
 - *Lists by access policy*
 - *Lists by bundle or license*
 - *KBART files for partner institutions available upon request*

OpenEdition offers two types of KBART files: masterlists & bundles. The complete lists may be accessed as a whole, by platform, or by access policy. For each available KBART file, this page provides update rate and access links, whether directly on OpenEdition or on BACON .

All the KBART files listed in this page link to the most up-to-date available version. Please refer to the [versionning section of this documentation](#) in order to know how to retrieve a file's state at a given date.

2.1 Complete lists

Update: daily

All titles (journals & books)		BACON
OpenEdition Journals	OpenEdition	BACON
OpenEdition Books	OpenEdition	BACON
Hypothèses	OpenEdition	BACON

2.2 Lists by access policy

Update: daily

2.2.1 OpenEdition Journals

Open Access	OpenEdition	BACON
Open Access Freemium	OpenEdition	BACON
Journals with embargo period	OpenEdition	BACON

2.2.2 OpenEdition Books

Open Access	OpenEdition	BACON
Open Access Freemium	OpenEdition	BACON
Exclusive access	OpenEdition	BACON

2.3 Lists by bundle or license

2.3.1 OpenEdition Journals

Update: yearly

The OpenEdition Freemium for Journals annual bundle:

- [OpenEdition](#)
- [BACON](#)

2.3.2 OpenEdition Books

Update: between 3 and 6 times per year

Over 70 bundles by new release, discipline, theme, publisher, language area, geographic area, and specially created bundles for our partner consortia.

The following bundles are described as KBART on BACON:

- [France_In istex ebooks pfediteur](#)
- [Abo freemium subscription](#)
- [Espace / Afrique - Africa](#)
- [Espace / Amérique - America](#)
- [Espace / Amérique latine - Latin America](#)
- [Espace / Asie - Asia](#)
- [Espace / Europe - Europe](#)
- [Espace / Océanie - Oceania](#)
- [Espace / Proche-Orient - Middle East](#)

- Année 2021
- CIFNAL - Arab and muslim world
- Art et humanités - Art and Humanities
- Collex sciences politiques 2019
- Découverte / Discovery
- Droit - Law
- Économie - Economics
- Éditions de l'École des hautes études en sciences sociales - Les ré-impressions
- Éducation - Education
- CIFNAL - European studies
- CIFNAL - European studies (fr)
- CIFNAL - French studies
- Géographie - Geography
- Histoire antique et préhistoire / Antiquity and Prehistory
- Histoire et archéologie / History & archeologie
- Histoire contemporaine / Modern history
- Histoire médiévale - Middle Ages history
- Histoire moderne - Early modern history
- Langue anglaise - English language
- Langue espagnole - Spanish language
- Langue française - French language
- Langue et linguistique - Language and Linguistics
- CIFNAL - Latin american area
- Littérature - Literature
- Management et administration - Management and administration
- Études sur le Moyen Âge et la Renaissance - Medieval and renaissance Studies
- Nouveautés art humanités
- Histoire et archéologie (nouveau) - History & archeologie (new releases)
- Littérature (nouveau) - Literature (new releases)
- Nouveautés sciences politiques
- Sociologie et anthropologie (nouveau) - Sociology and Anthropology (new releases)
- Toutes disciplines (nouveau) - All disciplines (new releases)
- Philosophie - Philosophy
- Psychologie - Psychology
- Religion - Religion
- Sciences de l'information et de la communication - Communication Sciences

- Sciences politiques
- Sciences de la santé - Health care science
- Sciences politiques - Political Sciences
- Sociologie et anthropologie - Sociology and Anthropology
- Travail social - Social work

2.3.3 National license

OpenEdition contribution to ISTE[®]: a collection of ebooks in the field of letters & human sciences with nearly 1200 titles of research in history, anthropology and sociology, from the origins to 2015.

ISTEX (Excellency Initiative for Scientific and Technical Information / Initiative d'excellence de l'Information Scientifique et Technique) covers 23 millions documents from 27 scientific literature corpus of all disciplines. It represents more than 9 279 journals and 346 863 ebooks between 1473 and 2016 for Research & Superior Education.

Kbart data for ISTE[®] License is only available on [BACON](#).

2.4 KBART files for partner institutions available upon request

Our library partnership officers can make available upon request the KBART files relating to purchased books and journals.

Note: OpenEdition also provides non-standard files for describing title list and coverage data (full lists and by access policy for OpenEdition Journals and OpenEdition Books):

- [OpenEdition Journals](#)
- [OpenEdition Books](#)
- [Hypothèses](#)

Update: daily

CHAPTER 3

Data description

KBART-formatted files are UTF-8-encoded 25 columns [TSV](#) tables. The first line of a KBART file is always the header, so it must contain the title of each field.

We will be describing here how each field is filled in OpenEdition's KBART files. An empty implementation note means the field is never used.

Field title	Implementation notes
publication_title	title of the described resource
print_identifier	if any: print ISSN for OpenEdition Journals, print ISBN for OpenEdition Books
online_identifier	electronic ISSN for OpenEdition Journals & Hypotheses research blogs electronic ISBN for OpenEdition Books
date_first_issue_online	year of first available issue for OpenEdition Journals date of first post for Hypotheses Research blogs
num_first_vol_online	number of the first available volume for OpenEdition Journals
num_first_issue_online	number of the first available issue for OpenEdition Journals
date_last_issue_online	year of last available issue for OpenEdition Journals (for both embargoed and inactive journals) date of last post for inactive Hypotheses Research blogs
num_last_vol_online	number of the last available volume for OpenEdition Journals
num_last_issue_online	number of the last available issue for OpenEdition Journals
title_url	URL of the described resource
first_author	first author, for OpenEdition Books
title_id	identifier of the described resource
embargo_info	Not implemented, even for embargoed journals
coverage_depth	fulltext
notes	see the <i>notes section below</i>
publisher_name	publisher name
publication_type	serial for OpenEdition Journals and Hypotheses monograph for OpenEdition Books
date_monograph_published_print	print publication date for OpenEdition Books, if any
date_monograph_published_online	electronic publication date on OpenEdition Books
monograph_volume	
monograph_edition	
first_editor	name of the first editor for OpenEdition Books, if any
parent_publication_title_id	
preceding_publication_title_id	
access_type	F for OpenEdition Journals, Open Access & Open Access Freemium OpenEdition Books and Hypotheses P for exclusive access OpenEdition Books
12	Chapter 3. Data description

3.1 Notes

The `notes` field is used in order to provide complementary information which could not be expressed in the other fields.

All Open Access Freemium Journals are highlighted with this note: Full access to the HTML version of the content. Access to PDF and Epub reserved to subscribing institutions.

Moreover, for OpenEdition Journals, some characters and abbreviations are used to precisely describe coverage range:

- `abs.` is used to list missing issues. For example `abs. 2018, 12` means issue #12 published in 2018 is missing.
- `suppl.` is used to list added content, such as special issues: `suppl. HS 2001` means a special issue identified as “HS 2001” is available.
- `;` is used as a separator between issues: `abs. 2018, 12 ; 2019, 15` means issues 12 and 15 are missing
- `--` is used as a continuity marker: `abs. 2018, 12--2019, 15` means issues 12 to 15 are missing (12, 13, 14, 15)
- `|` is used as a subfield separator: `abs. 2018, 12 ; 2019, 15 | suppl. HS 2001`
- `...` is used to mean a series is still going on: `suppl. HS 2001, 1-...` means special issues have been regularly published since 2001.

3.2 Sample file

Here are the first 10 lines from the KBART file describing OpenEdition Open Access Freemium Journals. It does include the 26th non-standard `bestppn` column from BACON.

```
publication_title      print_identifier      online_identifier      date_first_issue_
↪online num_first_vol_online      num_first_issue_online      date_last_issue_online      num_
↪last_vol_online      num_last_issue_online      title_url      first_author      title_
↪id      embargo_info      coverage_depth      notes      publisher_name      publication_type
↪      date_monograph_published_print      date_monograph_published_online      monograph_
↪volume      monograph_edition      first_editor      parent_publication_title_id
↪ preceding_publication_title_id      access_type      bestppn
ABE Journal      2275-6639      2012      1
↪http://journals.openedition.org/abe      abe      fulltext
↪Full access to the HTML version of the content. Access to PDF and Epub reserved to
↪subscribing institutions.      InVisu      serial
↪      F      187652759
Afrique : Archéologie et Arts      1634-3123      2431-2045      2004      3
↪      http://journals.openedition.org/aaa      aaa
↪      fulltext      Full access to the HTML version of the content. Access
↪to PDF and Epub reserved to subscribing institutions.      CNRS - UMR 7041
↪(Archéologie et Sciences de l'Antiquité - ArScAn)      serial
↪      F      190738103
Afriques      2108-6796      2010      1
↪http://journals.openedition.org/afriques      afriques
↪fulltext      Full access to the HTML version of the content. Access to PDF and
↪Epub reserved to subscribing institutions.      Institut des mondes africains (IMAF)
↪      serial      F      144221322
Aitia. Regards sur la culture hellénistique au XXe siècle      1775-4275
↪2011      1      http://journals.openedition.org/
↪aitia      aitia      fulltext      Full access to the HTML version of
↪the content. Access to PDF and Epub reserved to subscribing institutions.      ENS
↪Éditions      serial      F
↪15515737X
```

(continues on next page)

(continued from previous page)

Alsic	1286-4986	1998	1	1				
↪	http://journals.openedition.org/alsic	alsic	fulltext					
↪	Full access to the HTML version of the content. Access to PDF and Epub reserved to							
↪	subscribing institutions.	Adalsic serial						
↪	F	040654435						
América	0982-9237	2427-9048	2011	40				
↪	http://journals.openedition.org/america	america	fulltext					
↪	Full access to the HTML version of the content. Access to PDF and Epub reserved							
↪	to subscribing institutions.	Presses Sorbonne Nouvelle	serial					
↪	F	187771863						
Amerika	2107-0806	2010	1					
↪	http://journals.openedition.org/amerika	amerika	fulltext					
↪	Full access to the HTML version of the content. Access to PDF and Epub reserved to							
↪	subscribing institutions.	LIRA-Université de Rennes 2	serial					
↪	F	142582050						
Amérique latine histoire et mémoire	1628-6731	1777-5175	2000	1				
↪	http://journals.openedition.org/alhim							
↪	alhim	fulltext	Full access to the HTML version of the content.					
↪	Access to PDF and Epub reserved to subscribing institutions.	Université Paris						
↪	VIII serial	F						
↪	111735939							
Amnis	1764-7193	2001	1					
↪	http://journals.openedition.org/amnis	amnis	fulltext					
↪	suppl. H.S. 1, 2004 ; H.S. 2, 2011 ; Journées d'études, 2013 ; numéro spécial 2015 ;							
↪	numéro spécial 2018 Full access to the HTML version of the content. Access to							
↪	PDF and Epub reserved to subscribing institutions. TELEMME - UMR 6570	serial						
↪	F	090141377						

CHAPTER 4

Integrating to library tools

Library tools often come with a knowledge base provided by the software vendor. For example, ProQuest's services are backed by the [360 CORE KB](#). It is possible that such knowledge bases include metadata related to OpenEdition's catalogue. Yet, you may want to manually setup your ILP to import and update its data straight from BACON.

In order to do so, the steps to follow depend on the tool you're using. Most of the time, you should be looking for menus called Electronic Resources Management (ERM) or Holdings Management. You should be able to add a custom source for your resources, or as it is sometimes called, set up a locally-managed holdings database.

Extensive documentation on how to perform these operations is provided by ProQuest for [360 CORE](#), and for [Primo](#), and by EBSCO for [EBSCO Admin](#). If needed, you should ask your library software provider for support.

Note: As a complement, [this slideshow from a conference at JABES 2016](#) (in French) describes a BACON-based workflow for updating electronic collections.

Working with KBART files in LibreOffice

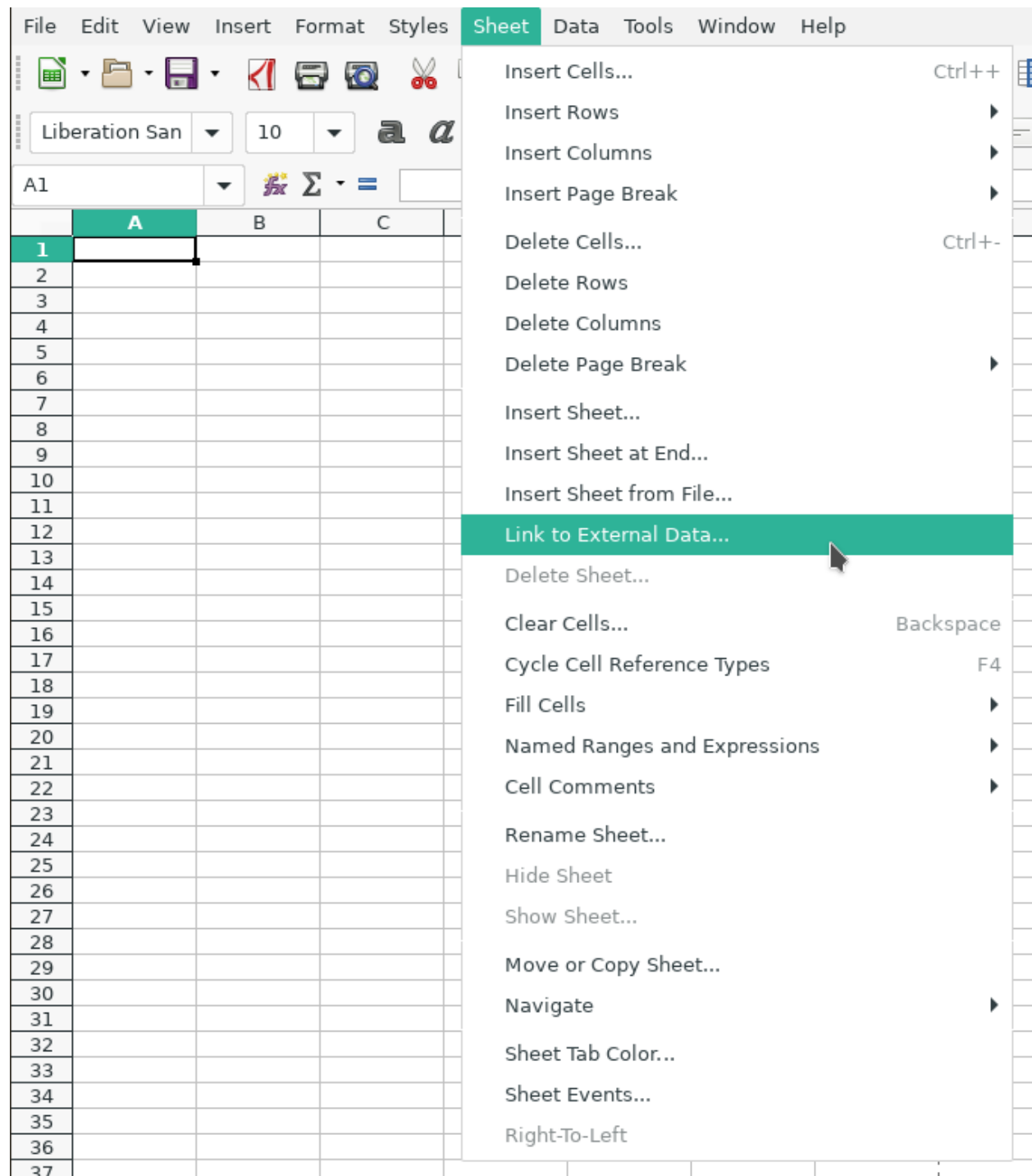
We provide here a simple example of how to perform data extraction from BACON with [LibreOffice](#) (a free and open source office suite, created and maintained by [The Document Foundation](#)). We'll show how to automatically retrieve coverage data for Open Access Journals from OpenEdition Journals.

Table of Contents

- *Working with KBART files in LibreOffice*
 - *Setting up a link to external data*
 - *Working with the data*
 - *Updating data*

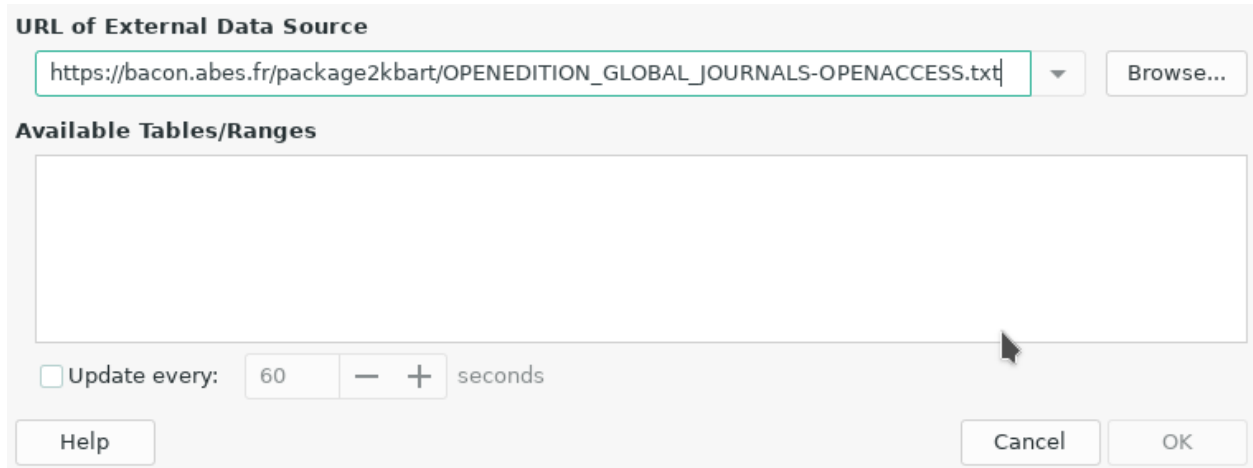
5.1 Setting up a link to external data

First, create a new LibreOffice Calc spreadsheet. Once this is done, in the menu bar, select “Sheet”, and then “[Link to External Data...](#)” in the dropdown menu.



In the opening window, fill the URL with the desired KBART package. You'll find all the available KBART packages and their matching URL in the *[access section of this documentation](#)*.

Be careful to add the extension “.txt” at the end of the URL, otherwise LibreOffice won't load the data. Press enter.



The screenshot shows a configuration window with a light gray background. At the top, the title "URL of External Data Source" is in bold. Below it is a text input field containing the URL "https://bacon.abes.fr/package2kbart/OPENEDITION_GLOBAL_JOURNALS-OPENACCESS.txt". To the right of the input field is a small downward arrow icon and a "Browse..." button. Below the URL section, the title "Available Tables/Ranges" is in bold, followed by a large empty rectangular box. At the bottom left, there is a checkbox labeled "Update every:" followed by a text input field containing "60", a minus sign button, a plus sign button, and the word "seconds". At the bottom right, there are three buttons: "Help", "Cancel", and "OK".

URL of External Data Source

▼

Available Tables/Ranges

☐ Update every: seconds

5.1.1 Importation

A new window should open, asking for importation settings. Tabulation should be selected as the separator:

Text Import - [OPENEDITION_GLOBAL_JOURNALS-OPENACCESS.txt]

Import

Character set: Unicode (UTF-8)

Language: Default - French (France)

From row: 1 — +

Separator Options

☐ Fixed width ☒ Separated by

☒ Tab ☐ Comma ☐ Semicolon ☐ Space ☐ Other

☐ Merge delimiters ☐ Trim spaces String delimiter: " ▼

Other Options

☐ Format quoted field as text ☐ Detect special numbers

Fields

Column type:

	Standard
1	publication_title
2	Abstracta Iranica
3	Acquisition et interaction en langue étrangère
4	Actes des congrès de la Société française Shakespeare
5	Activités
6	ADLFI. Archéologie de la France - Informations
7	Agôn
8	Aldébaran

Help Cancel OK

Validate importation and external data dialogs. The data should have been imported in your spreadsheet:

FileEditViewInsertFormatStylesSheetDataToolsWindowHelp

Libération San

10

publication_title

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	
publication_title	print_identif	online_identif	date	num	num	date	num	num	title_url	first_author	title_id	embargo_info	coverage	def	notes	pub
1. Abstracta Iranica	0240-8910	1961-960X	2001	22					http://journals.openedition.org/abstractairanica		abstractairanica		fulltext		Numéros ou	CNI
2. Acquisition et interaction en langue étrangère	1243-969X	1778-7432	1992	1		2009	2		http://journals.openedition.org/aille		aille		fulltext	vol.1, 1992	Ass	Soc
3. Actes des congrès de la Société française Shakespeare		2271-6424	1980	1					http://journals.openedition.org/shakespeare		shakespeare		fulltext			Soc
4. Activités		1765-2723	2004	1		1			http://journals.openedition.org/activites		activites		fulltext			ARI
5. ADLF. Archéologie de la France - Informations		2114-0502	2001	2001					http://journals.openedition.org/adlfi		adlfi		fulltext	suppl. 1997	Min	
6. Agôn		1961-8581	2012	5					http://journals.openedition.org/agon		agon		fulltext	Publication	Ass	
7. Aldebaran		2259-2738	2004	2004					http://journals.openedition.org/aldebaran		aldebaran		fulltext			Mai
8. Ambiances		2266-639X	2013	1					http://journals.openedition.org/ambiances		ambiances		fulltext	Publication	Ass	Dir
9. Annuaire de l'École pratique des hautes études. Section des sciences historiques et philologiques	0292-0980	1969-6310	2008	139					http://journals.openedition.org/ashp		ashp		fulltext			Ecc
10. Annuaire de l'École pratique des hautes études. Section des sciences religieuses	0183-7478	1969-6329	2008	115					http://journals.openedition.org/asir		asir		fulltext			Ecc
11. Annuaire de l'EHESS	0386-2025	2431-8668	2002	2000-2001					http://journals.openedition.org/annuaire-ehess		annuaire-ehess		fulltext			EH
12. Annuaire suisse de politique de développement	1660-5934	1663-9669	1981	1		2008	27	2	http://journals.openedition.org/aspd		aspd		fulltext	Annuaire	Sup	Inst
13. Anthropology + Materialism		2364-0480	2013	1					http://journals.openedition.org/am		am		fulltext	suppl. spec	CE	
14. Anthrovision		2189-6754	2013	1		1			http://journals.openedition.org/anthrovision		anthrovision		fulltext			VAI
15. Anuario Antropológico	0102-4302	2357-738X	2010	2010		1			http://journals.openedition.org/aa		aa		fulltext			Pro
16. Appareil		2101-0714	2008	1					http://journals.openedition.org/appareil		appareil		fulltext	suppl. num	MS	
17. Archivio antropologico mediterraneo		2038-3215	2018	20		1			http://journals.openedition.org/aam		aam		fulltext			Dip
18. Argumentation et analyse du discours		1565-8961	2008	1					http://journals.openedition.org/aad		aad		fulltext			Un
19. Artefact	2273-0753	2606-9045	2016	4					http://journals.openedition.org/artefact		artefact		fulltext			Ass
20. Arteloge		2115-6395	2014	6					http://journals.openedition.org/arteloge		arteloge		fulltext			Ass
21. Arts et Savoirs		2258-093X	2012	1					http://journals.openedition.org/aes		aes		fulltext			Lab
22. Balkanologie	1279-7952	1965-0582	1997	1		1			http://journals.openedition.org/balkanologie		balkanologie		fulltext			Ass
23. Baroque	0067-4222	2261-639X	1965	1		1987	12		http://journals.openedition.org/baroque		baroque		fulltext			Cer
24. Baroque		1377-2368	2261-639X	2000	2000	1			http://journals.openedition.org/belgeo		belgeo		fulltext			Nat
25. Belgeo		1499-7185	2011	10		3			http://journals.openedition.org/belphégor		belphégor		fulltext			LPC
26. Belphegor		2654-4470	2008	2008					http://journals.openedition.org/balunum		balunum		fulltext			Fin
27. BibNum		2031-0293	2006	2006					http://journals.openedition.org/brussels		brussels		fulltext			Un
28. Brussels Studies		2114-2130	1987	1					http://journals.openedition.org/sabix		sabix		fulltext	suppl. Arch	Soc	
29. Bulletin de la Sabix		1850-6929	1991	1		2012	36		http://journals.openedition.org/apad		apad		fulltext	Bulletin de	Inst	
30. Bulletin de l'APAD	0303-7405	2076-5927	2001	30		1			http://journals.openedition.org/bfrea		bfrea		fulltext			Cer
31. Bulletin de l'Institut français d'études andines	0759-1063	2070-2779	2003	77		2008	100		http://journals.openedition.org/bms		bms		fulltext			Ass
32. Bulletin de méthodologie sociologique	0987-4135	1968-3723	2016	50					http://journals.openedition.org/bhce		bhce		fulltext			Pre
33. Bulletin d'histoire contemporaine de l'Espagne		2075-2287	1997	1					http://journals.openedition.org/bcrl		bcrl		fulltext			Cer
34. Bulletin du Centre de recherche français à Jérusalem		1623-5770	1954-3093	2003	7				http://journals.openedition.org/cem		cem		fulltext	suppl. H.S.	D	Cer
35. Bulletin du centre d'études médiévales d'Auxerre BUCEMA		0037-8984	1777-5469	2000	12	1			http://journals.openedition.org/bmsap		bmsap		fulltext			Soc
36. Bulletins et mémoires de la société d'anthropologie de Paris		2238-0361	2012	1		1			http://journals.openedition.org/cadernosaa		cadernosaa		fulltext			Nic
37. Cadernos de Arte e Antropologia		2107-0199	2010	1					http://journals.openedition.org/mondosanciens		mondosanciens		fulltext			UM
38. Cahiers « Mondes anciens »		2261-4184	2008	36					http://journals.openedition.org/ceb		ceb		fulltext	suppl. 33, 20	INA	
39. Cahiers balkaniques	0290-7402	2266-1816	2007	62					http://journals.openedition.org/clo		clo		fulltext			INA
40. Cahiers de littérature orale	0396-891X	1287-471X	1773-021X	1995	1				http://journals.openedition.org/urmis		urmis		fulltext			Urm
41. Cahiers de l'Urmis		0903-8516	1765-307X	2001	10		1		http://journals.openedition.org/namatologie		namatologie		fulltext			LIR
42. Cahiers de Namatologie		0765-4944	2111-5044	1983	1				http://journals.openedition.org/praxematique		praxematique		fulltext	abs. 19 ; 21	Pre	
43. Cahiers de praxématique																

Find

Find All

Formatted Display

Match Case

Sheet2

Sheet 1 of 1

Default

French (France)

Averages : Sum: 0

100%

5.2 Working with the data

Now let's rename this sheet as "BACON" and switch to another sheet. From this one, which won't be affected when we update the data, we can perform usual operations with Libreoffice: filtering, using formulas & macros, etc.

For example, in order to search for a given journal by its e-ISSN and return its first available issue, we can enter this formula in the A1 cell: (The searched ISSN has to be entered in cell B1)

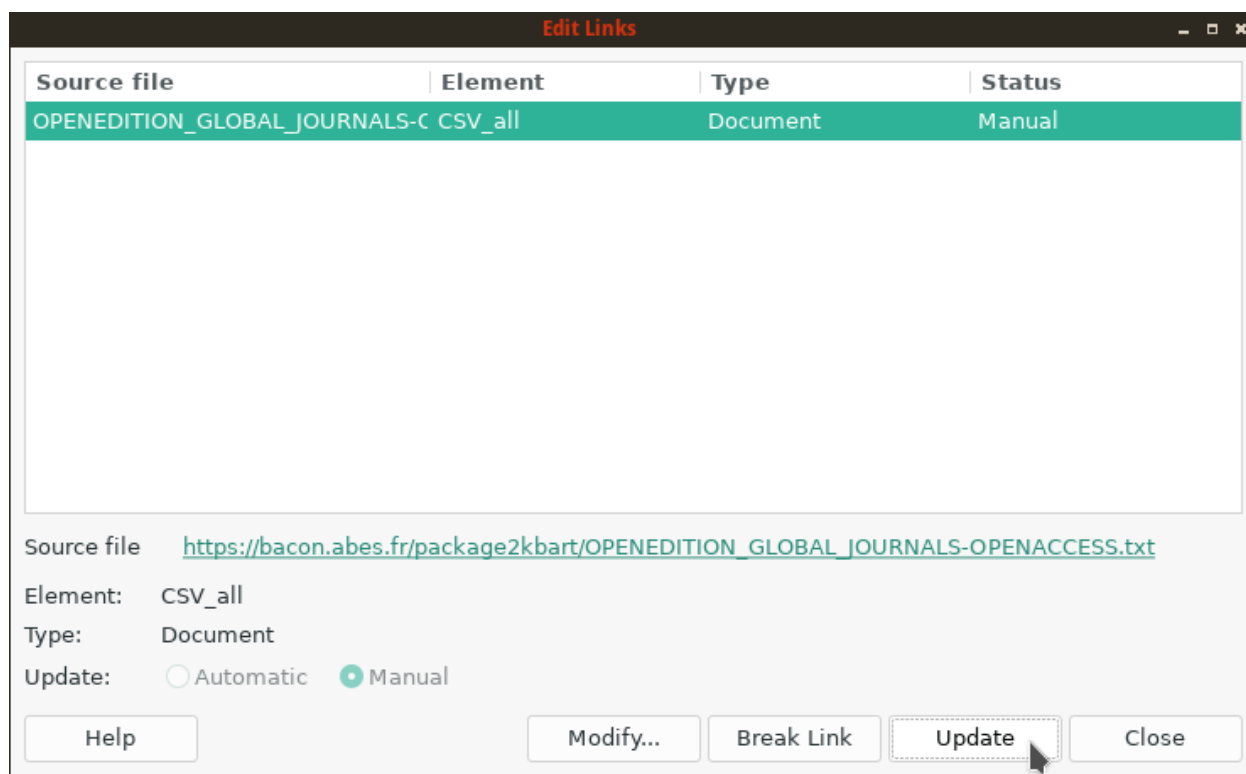
```
=CONCAT (VLOOKUP (B1; $BACON.C:E; 2; 0) ; "-" ; VLOOKUP (B1; $BACON.C:E; 3; 0) )
```

With a little practice, powerful tools can be built this way, in order to monitor publications or track newly available issues. The extensive [Libreoffice documentation](#) may be of some help.

5.3 Updating data

This file can be saved to be reused with newer data or another Kbart file.

When needed, the data might be updated by using the "Links to external files" in the "Edit" menu:



CHAPTER 6

Going further...

Using the Kbart files is also an opportunity to get a bit into OpenEdition's data. As an example, this page will show how to retrieve structured metadata about available issues for a given journal, using KBART files.

We will be using common command line tools to illustrate how it can be achieved but other implementations are possible.

We'll be working on the journal identified by ISSN 2275-2145, *Sciences de la société*

Table of Contents

- *Going further...*
 - *Get the KBART from BACON*
 - *Extract a journal's data*
 - *Query OAI-PMH*

6.1 Get the KBART from BACON

First we need to get the data. Refer to the [access section of this documentation](#) in order to identify the relevant package for your case and its URL.

We use here the whole OpenEdition Journal catalogue, so the matching URL is `https://bacon.abes.fr/package2kbart/OPENEDITION_GLOBAL_ALLJOURNALS.txt`

For this example, we will be using `curl` to download the desired KBART file:

```
$ curl https://bacon.abes.fr/package2kbart/OPENEDITION_GLOBAL_ALLJOURNALS.txt
```

6.2 Extract a journal's data

This last command will pour the entire catalogue description as TSV in the console and its output won't be shown here. Instead, we'll pipe (|) it to `grep` in order to isolate the target journal, with `grep 2275-2145`:

```
$ curl https://bacon.abes.fr/package2kbart/OPENEDITION_GLOBAL_ALLJOURNALS.txt | grep
↪2275-2145
% Total      % Received % Xferd  Average Speed   Time    Time       Time  Current
                                 Dload  Upload   Total   Spent    Left   Speed
100 32736      0 32736    0      0  9977      0 --:--:--   0:00:03 --:--:--  9977
Sciences de la société          1168-1446      2275-2145      2010    79
↪      http://journals.openedition.org/sds          sds
↪ fulltext          Full access to the HTML version of the content. Access to PDF
↪and Epub reserved to subscribing institutions.    Presses universitaires du Midi
↪serial                                                  F      180782584
```

6.2.1 Parse columns to find an identifier

Please refer to the [data description section of this documentation](#) in order to identify the relevant fields for your case.

Here, the identifier we need is in the `target_id` column, which happens to be the twelfth. Then we can simply `cut` the line to extract this identifier, with `cut -d$'\t' -f12`:

```
$ curl https://bacon.abes.fr/package2kbart/OPENEDITION_GLOBAL_ALLJOURNALS.txt | grep
↪2275-2145 | cut -d$'\t' -f12
% Total      % Received % Xferd  Average Speed   Time    Time       Time  Current
                                 Dload  Upload   Total   Spent    Left   Speed
100 119k      0 119k    0      0 40395      0 --:--:--   0:00:03 --:--:-- 40395
sds
```

6.3 Query OAI-PMH

Now we will query the OpenEdition OAI-PMH repository using this identifier. Please refer to the [documentation](#) if you need more information about it.

We will use this sample query URL from the documentation, which expects a journal identifier to be appended to it: `http://oai.openedition.org/?verb=ListRecords&metadataPrefix=mets&set=journals:`

So we can use the commands we already saw to append this identifier:

```
$ curl https://bacon.abes.fr/package2kbart/OPENEDITION_GLOBAL_ALLJOURNALS.txt | grep
↪2275-2145 | cut -d$'\t' -f12 | curl "http://oai.openedition.org/?verb=ListRecords&
↪metadataPrefix=mets&set=journals:$(cat /dev/stdin)"
% Total      % Received % Xferd  Average Speed   Time    Time       Time  Current
                                 Dload  Upload   Total   Spent    Left   Speed
100 119k      0 119k    0      0 35593      0 --:--:--   0:00:03 --:--:-- 35603
<?xml version="1.0" encoding="UTF-8"?>
<OAI-PMH xmlns="http://www.openarchives.org/OAI/2.0/" xmlns:xsi="http://www.w3.org/
↪2001/XMLSchema-instance" xsi:schemaLocation="http://www.openarchives.org/OAI/2.0/
↪http://www.openarchives.org/OAI/2.0/OAI-PMH.xsd">
  <responseDate>2020-03-24T14:51:22Z</responseDate>
  <request verb="ListRecords" metadataPrefix="mets" set="journals:sds">http://oai.
↪openedition.org/</request>
  <ListRecords xmlns:mets="http://www.loc.gov/METS/" xmlns:dcterms="http://purl.org/
↪dc/terms/" xmlns:xlink="http://www.w3.org/1999/xlink">
    (continues on next page)
```

(continued from previous page)

```

<record>
  <header>
    <identifier>oai:revues.org:sds/6800</identifier>
    <timestamp>2019-11-25T16:59:19Z</timestamp>
    <setSpec>journals</setSpec>
    <setSpec>journals:sds</setSpec>
    <setSpec>openaire</setSpec>
  </header>
  <metadata>
    <mets:mets xmlns:mets="http://www.loc.gov/METS/" xmlns:dcterms="http://purl.
    ↪org/dc/terms/" xmlns:xlink="http://www.w3.org/1999/xlink" xmlns:xsi="http://www.w3.
    ↪org/2001/XMLSchema-instance" xsi:schemaLocation="http://www.loc.gov/METS/ http://
    ↪www.loc.gov/standards/mets/mets.xsd http://www.w3.org/1999/xlink http://www.loc.gov/
    ↪standards/mets/xlink.xsd http://purl.org/dc/terms/ https://dublincore.org/schemas/
    ↪xsls/qdc/2006/01/06/dcterms.xsd">
      <mets:dmdSec ID="MD_OJ_sds_6800">
        <mets:mdWrap MDTYPE="DC" LABEL="Dublin Core Descriptive Metadata"
        ↪MIMETYPE="text/xml">
          <mets:xmlData>
            <dcterms:title>L'événement politique en ligne</dcterms:title>
            <dcterms:type>issue</dcterms:type>
          </mets:xmlData>
        </mets:mdWrap>
      </mets:dmdSec>
    </mets:mets>
  </metadata>
</record>
[...]
```

output has been truncated

We now have a XML-structured list of records, formatted as Metadata Encoding and Transmission Standard (mets), describing available issues for the journal *Sciences de la société*, identified by ISSN 2275-2145.

CHAPTER 7

OpenEdition

OpenEdition is a comprehensive digital publishing infrastructure at the service of scientific information in the Humanities and Social Sciences. The OpenEdition portal includes four publishing and information platforms in the humanities and social sciences: OpenEdition Journals, OpenEdition Books, Hypotheses (research blogs) and Calenda (announcements of international academic events). The portal is thus a space dedicated to the promotion of research, publishing tens of thousands of scientific documents that promote open access, while respecting the economic equilibrium of publications.

<https://www.openedition.org>

CHAPTER 8

License



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CHAPTER 9

Need help ?

Please email us: referencement@openedition.org

CHAPTER 10

Changelog

Will be available with the first version.