

The



as a Bridge between Provider Data and FOLIO
Agreements.

WOLFcon 2022

Daniel A. Rupp (hbz) & Johann Rolschewski (StaBi Berlin)

2022 August 31

Content

- ❖ Short introduction
- ❖ Data flows in the German library landscape
- ❖ Ingesting e-resource data into FOLIO
- ❖ KBART and the challenge of e-resource data
- ❖ A Conflict of Interest – provider data vs. unique bibliographic reference

Operating organizations

❖ ZDB

- Zeitschriftendatenbank (national library network for serial publications - mainly journals, newspapers, and databases)
- Chair of GOKB steering committee
- Editorial office

❖ hbz

- Hochschulbibliothekszentrum des Landes Nordrhein-Westfalen (regional library network)
- Product owner
- Developer resources

❖ VZG

- Verbundzentrale des GBV (regional library network)
- Technical lead
- Developer resources

Goals

- ❖ Global exchange platform for metadata of electronic resources
- ❖ Accurate up to date information for access
- ❖ Providing data for automated processes
- ❖ Openness
 - All data published with an open license
 - Cooperative management through participating libraries
 - Publishers can provide data

Cooperative

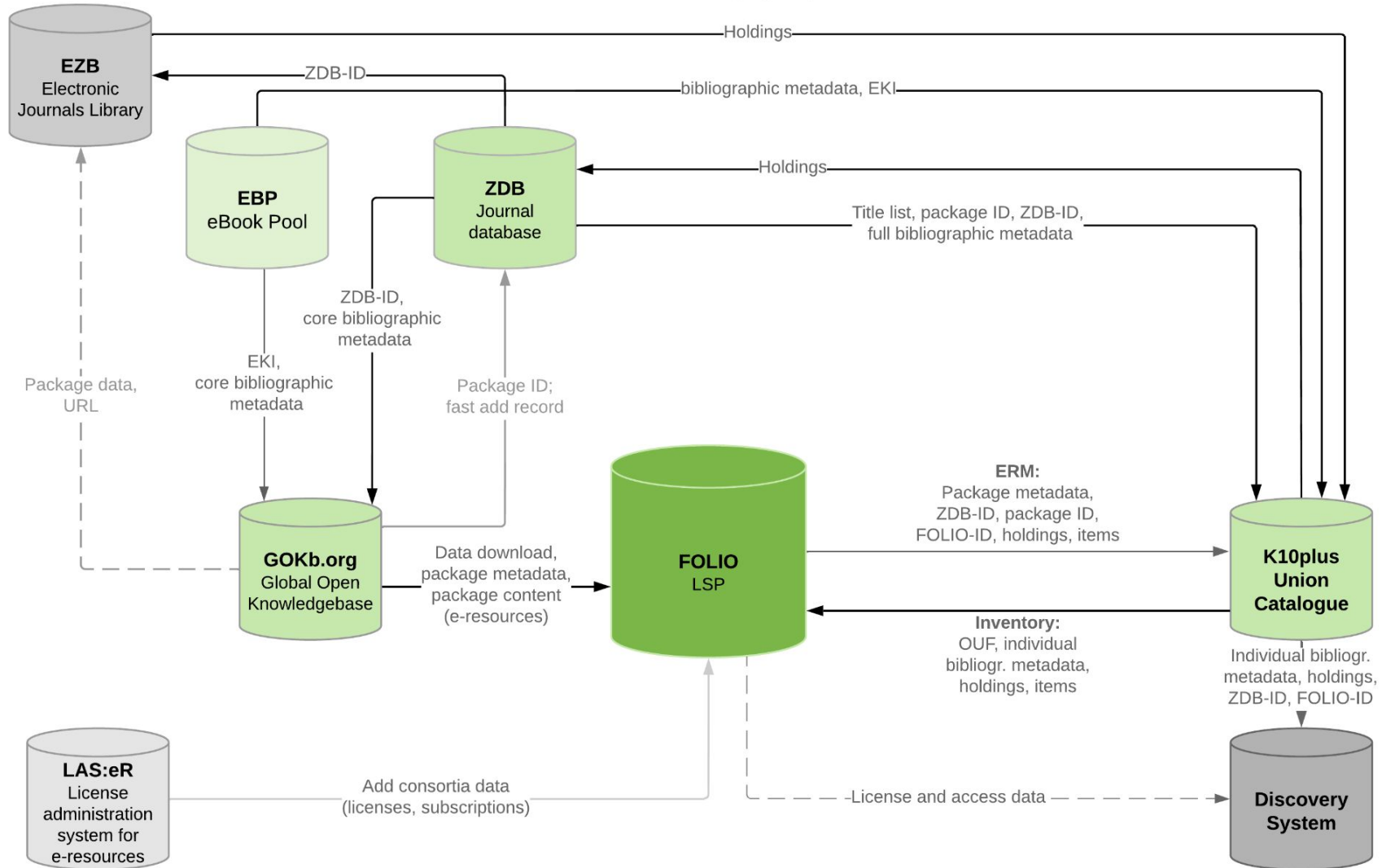
- ❖ Collaborative management of resources
- ❖ Organized in “curatory groups” (consortia, networks, libraries, content providers)
- ❖ Support with workflow management tools

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- ❖ A Conflict of Interest – provider data vs. unique bibliographic reference

Library dataflows in Germany

VZG | August 22, 2022

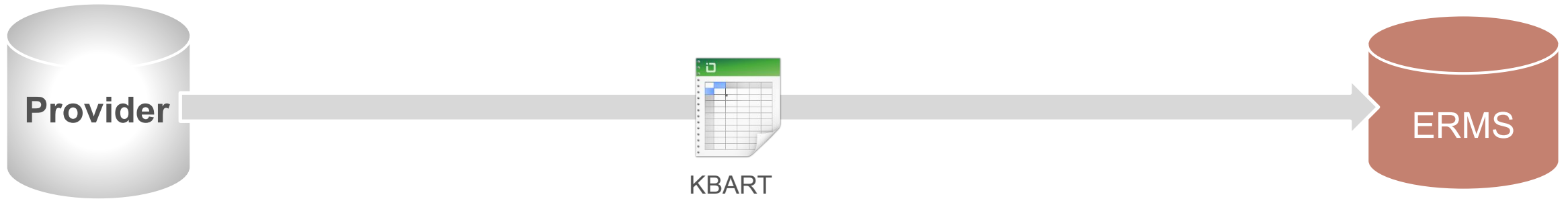


Content

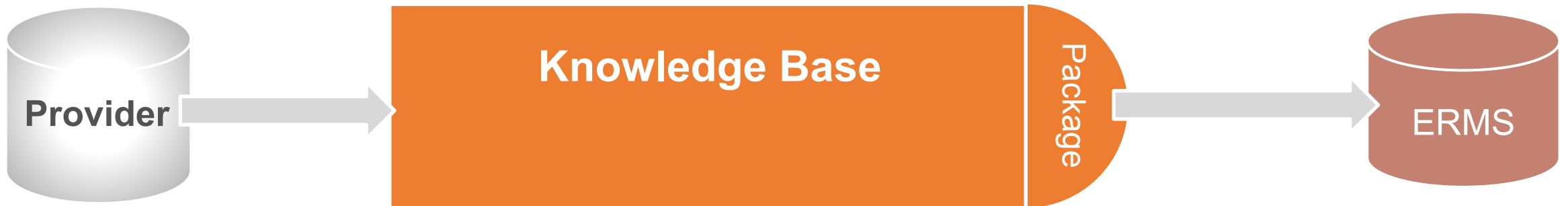
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KBART upload into ERMS

Direct import of provider data



Knowledge Bases



Settings

- Acquisition units
- Agreements
- Calendar
- Circulation
- Courses
- Data export
- Data import
- Developer
- eHoldings
- ERM comparisons
- eUsage
- Finance
- INN-Reach
- Inventory
- Invoices
- Licenses
- Local KB admin**
- My profile
- Notes
- OAI-PMH
- Orders
- Organizations
- Remote storage
- Tags
- Tenant
- Users

System information

Software versions

Local KB admin

- General**
- External data sources
- Proxy server settings

External data sources

2 external data sources

External data source Actions

^ Synchronization status: -
Cursor: -
Last checked: -

Name	Type	Record type
LOCAL	-	Package
URI		Trusted for title instance metadata
-		Yes
Is active	Supports harvesting	Activation enabled
Yes	No	No
Listprefix	Fullprefix	Principal
-	-	-
Credentials		
-		

External data source Actions

^ Synchronization status: in-process
Cursor: 2022-04-07T17:54:36Z
2022-04-28T10:20:08Z

Name	Type	Record type
GOKb_ORG	org.olf.kb.adapters.GOKbOAIAdapter	Package
URI		Trusted for title instance metadata
https://gokb.org/olf/kb/oai/index		Yes
Is active	Supports harvesting	Activation enabled
Yes	Yes	No
Listprefix	Fullprefix	Principal
-	gokb	-
Credentials		
-		

New KBART job

The **Source** and **Reference** fields are used together as a unique identifier for packages. If a package with the given **Source+Reference** already exists it will be updated, otherwise a new package will be created. If the **Provider** entered does not exist, a new one will be created in the local knowledgebase in the Agreements app.

Package name *

Emerald

Package source *

emeraldgroupublishing.com

Package reference *

ZDB-55-EM1

Package provider

Emerald Publishing

Trust this job as a source of title instance metadata *

Drag & drop to upload

or choose file

Maximum file size: 200 MB

File name	Uploaded	
EmeraldPublishing_Global_EmeraldManagement 120_2021-12-20.txt	8/31/2022 6:48 AM	

View 0 items

Search & filter

- Agreements
- E-resources**
- Platforms

emerald

Search

Reset all

Type

- Monograph
- Serial

Publication type

- journal
- Monograph
- Serial
- Database
- Book

Is package

- Yes
- No

External data source

GOKb_ORG

Tags

E-resources
5 records found

Name ^	Publication type	ISBN
Emerald Business, Management and Economics eBook Collection Archive 1991-2018:Nationallizenz	Package	
Emerald Business, Management and Economics eBook Series Collection	Package	
Emerald Business, Management and Economics eBook Series Collection Archive:Nationallizenz (Serien)	Package	
Emerald Business, Management and Economics eBook Series Collection (Serien)	Package	
Emerald Management 120	Package	

End of list

Emerald Management 120

Add package to basket

Provider	Source	Reference
Emerald Group Publishing Limited	GOKb	Emerald:_Emerald_Management_120

Expand all

Agreements for this package 0

E-resources in package 183

Notes 0

Search & filter

Agreements
E-resources
Platforms

Search

Reset all

Type

- Monograph
- Serial

Publication type

- journal
- Monograph
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Is package

- Yes
- No

External data source

GOKb_ORG

Tags

E-resources
5 records found

Name ^	Publication type	ISBN
Emerald Business, Management and Economics eBook Collection Archive 1991-2018:Nationallizenz	Package	
Emerald Business, Management and Economics eBook Series Collection	Package	
Emerald Business, Management and Economics eBook Series Collection Archive:Nationallizenz (Serien)	Package	
Emerald Business, Management and Economics eBook Series Collection (Serien)	Package	
Emerald Management 120	Package	

End of list

Emerald Management 120

Add package to basket

Provider	Source	Reference
Emerald Group Publishing Limited	GOKb	Emerald:_Emerald_Management_120

Agreements for this package 0

E-resources in package 183

Notes 0

[Expand all](#)

Show and Tell: Demo VZG & ZBW
Felix Hemme • Jana Freytag • Antje Niemann • Jana Hentschke

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KBART and the Challenge of e-Resource data

	A	B	C	D	E
1	publication_title	print_identifier	online_identifier	title_url	date_first_issue_online
2	A Current Bibliography on African Affairs	0011-3255	2376-6662	https://journals.sagepub.com/loi/cba	1999-03-01
3	AADE in Practice	2325-1603	2325-1611	https://journals.sagepub.com/loi/aip	2013-01-01
4	AAOHN Journal	0891-0162		https://journals.sagepub.com/loi/whs	1999-01-01
5	About Campus: Enriching the Student Learning Experience	1086-4822	1536-0687	https://journals.sagepub.com/loi/aca	1999-01-01
6	Abstracts in Anthropology	0001-3455	1557-5136	https://journals.sagepub.com/loi/aax	1999-02-01
7	Academic Forensic Pathology	1925-3621	1925-3621	https://journals.sagepub.com/loi/afp	2011-07-01
8	Academic Pathology	2374-2895	2374-2895	https://journals.sagepub.com/loi/apc	2014-11-01
9	Accounting History	1032-3732	1749-3374	https://journals.sagepub.com/loi/ach	1999-05-01
10	Acta Sociologica	0001-6993	1502-3869	https://journals.sagepub.com/loi/asj	1999-01-01
11	Action Research	1476-7503	1741-2617	https://journals.sagepub.com/loi/arj	2003-07-01

- ❖ GOKb moved away from provider specific input formats, processed via OpenRefine, and relies solely on KBART
- ❖ Looking forward to KBART Phase III

Andrée Rathemacher, Noah Levin & Stephanie Doellinger (2022) KBART Phase III: Changes and Unresolved Questions, *The Serials Librarian*, 82:1-4, 44-48,

DOI: [10.1080/0361526X.2022.2019546](https://doi.org/10.1080/0361526X.2022.2019546)

Marlene van Ballegooie, Sheri Meares & Kristen Wilson (2017) Deep Dive into KBART, *The Serials Librarian*, 72:1-4, 15-25, DOI:

[10.1080/0361526X.2017.1309826](https://doi.org/10.1080/0361526X.2017.1309826)

Provider KBART



Home > How to guides > How to guides: for librarians > Librarian toolkit > Content cataloguing and discovery > KBART records

KBART records

View and download the latest knowledge bases and related tools (KBART) records for current subscriptions.

Taylor & Francis Online

Home > Journal title lists

Enter keywords, authors, DOI etc.

Journal title lists

Current Content Packages

Taylor & Francis Current Content

- Taylor & Francis Current Content Access

Taylor & Francis Open Access

- Taylor & Francis Open Access

Taylor & Francis Library

- Taylor & Francis Science & Technology Library
- Taylor & Francis Social Science & Humanities Library
- Taylor & Francis Medical Library
- Taylor & Francis Complete Library Database Model
- Taylor & Francis Social Science & Humanities Database Model
- Taylor & Francis Combined Library
- Taylor & Francis Ceased Library
- Social Science & Humanities Database Model
- Science & Technology Database Model
- Medical Database Model
- Medical Database Model & Science & Technology
- Medical Database Model & Social Science & Humanities
- Expert Opinion and Expert Review Database Model

SPRINGER NATURE

Search EN

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Discovery at Springer Nature

KBART

KBART (Knowledge Bases and Related Tools) is an industry standard used by Knowledge Bases and Libraries to find out what eBook and Journal content they licensed and how to link to it. This is an integral part of the Discovery layer. With KBART a library's Discovery Service knows which books and journals a library has access to from a publisher. This allows the library's users to search the content the library purchased and when found click through to the content hosted on the publisher's platform. We provide (per the KBART Phase II Recommended Practices), KBART lists for each package we license, and for consortia licenses, so customers can select their licensed content in their Discovery Service.

Sign up for Librarian Alerts

On this page

Select the options below to quickly navigate to the content you want on this page.

- Journal collections - current
- Journal collections - legacy
- Book collections
- eCase collections
- Expert Daily Briefings

Springer Nature KBART Lists

KBART and the Challenge of e-Resource data

- ❖ unique identification of providers and packages

KBART and the Challenge of e-Resource data

- ❖ unique identification of providers and packages

The screenshot shows the website of the Deutsche ISIL-Agentur und Sigelstelle. The header includes the logo of the Staatsbibliothek zu Berlin and the text 'Stiftung Preußischer Kulturbesitz'. A blue navigation bar contains the text 'Deutsche ISIL-Agentur und Sigelstelle' and a list of ISIL codes. Below the header, there is a search bar with the text 'emerald 120' and a 'Search' button. The search results show '1 Search results - hit 1 of 1' and the title 'Emerald Management 120 eJournal Collection [ZDB-55-EM1]'. The text 'Virtual library / package of electronic resources' is displayed below the title. A red circle highlights the identifier '[ZDB-55-EM1]'. The left sidebar contains a menu with options like 'Start', 'Search', 'Assignment of codes', 'Antrag', 'Änderungen mitteilen', 'Interlibrary lending', 'Fachinformationsdienste', 'About us', and 'Contact'. The bottom of the page shows a 'General information' section.

KBART and the Challenge of e-Resource data

❖ unique

GOKB CLIENT

Edit Package

Emerald Management 120

1 Summary 2 General 3 Package Properties 4 Package Titles

Scope: Front File Content Type: Journal Editing Status: Approved List Status: In Progress

Validity: Global Consortial Regional Other Local

Content is consistent Content may be split Content is fixed

Identifiers

<input type="checkbox"/>	Namespace	Value	
<input type="checkbox"/>	Emerald	EMX120	
<input type="checkbox"/>	ISIL	ZDB-55-EM1	

1.3.0
Documentation
Legal Note

KBART and the Challenge of e-Resource data

- ❖ unique identification of providers and packages
- ❖ processing of large packages (> 10.000 titles)

KBART and the Challenge of e-Resource data

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- ❖ "non standard" KBART files

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- ❖ “non standard” KBART files
- ❖ different “cultures” of identifier namespaces

	A	B	C	D
1	publication_title	print_identifier	online_identifier	title_id
2	Aslib Journal of Information Management	2050-3806	2050-3814	ajim
3	Asian Libraries	1017-6748	2054-5541	al
4	Aslib Proceedings	0001-253X	1758-3748	ap
5	The Bottom Line	0888-045X	2054-1724	bl
6	Collection Building	0160-4953	2054-5592	cb
7	Collection and Curation		2514-9326	cc
8	Digital Library Perspectives	2059-5816	2059-5824	dlp
9	Data Technologies and Applications		2514-9288	dta

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<input type="checkbox"/>	Namespace	Value	
<input type="checkbox"/>	p-ISSN	1751-1062	
<input type="checkbox"/>	e-ISSN	1751-1070	
<input type="checkbox"/>	Emerald	ijwbr	

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- ❖ automated ingest and update

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❖ Settings for Automated Import and Update ^

URL
https://www.emeraldgrouppublishing.com/sites/default/files/2022-04/EmeraldPublishing_Global_EmeraldManagement120_{YYYY-MM-DD} [?]

Update Cycle: Daily [x] ▾ Namespace for title_id values: Emerald [x] ▾ Last Run: 2022-08-31 10:18:17

Activated Import Now

KBART and the Challenge of e-Resource data

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- ❖ processing of large packages (> 10.000 titles)
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❖ Settings for Automated Import and Update ^

URL
https://www.emeraldgrouppublishing.com/sites/default/files/2022-04/EmeraldPublishing_Global_EmeraldManagement120_{YYYY-MM-DD} ×

Update Cycle
Daily × ▾

Namespace for title_id values
Emerald × ▾

Last Run
2022-08-31 10:18:17

Activated Import Now

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- ❖ automated ingest and update
- ❖ KBART file editing

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Content

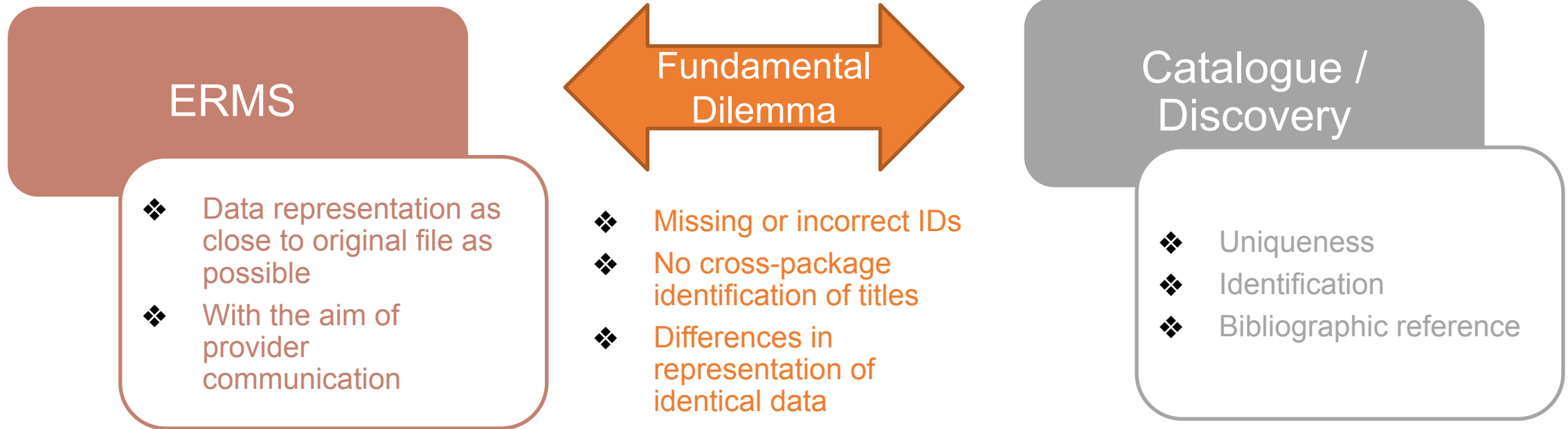
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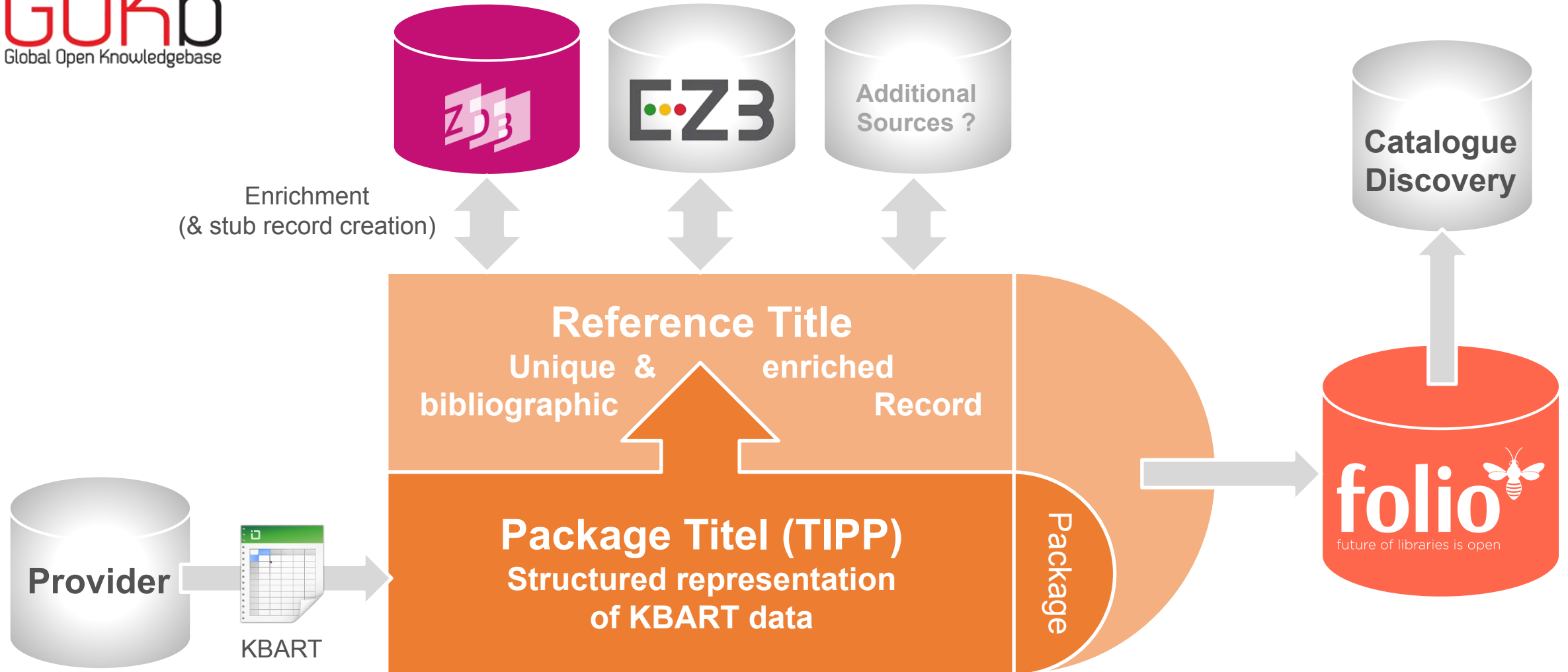
GOKb's main goal

Representation of **provider data** of **e-resources**, organized in **packages**, and optimization for the **whole data flow**.



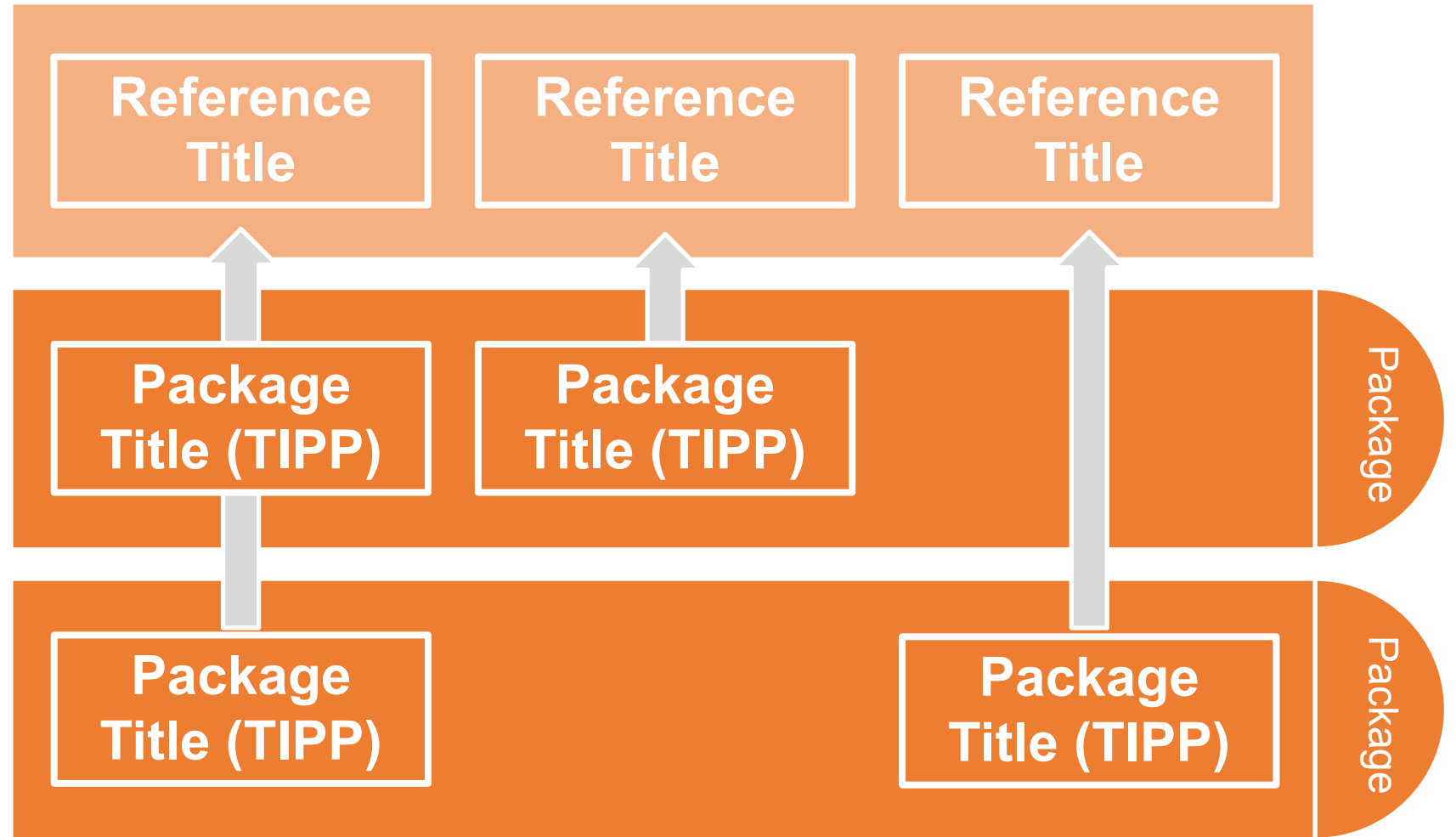
Conflict of interests





Reference Titles

Multiple *Package Titles* (TIPPs) can be linked to a single *Reference Title* with additional bibliographic, descriptive metadata

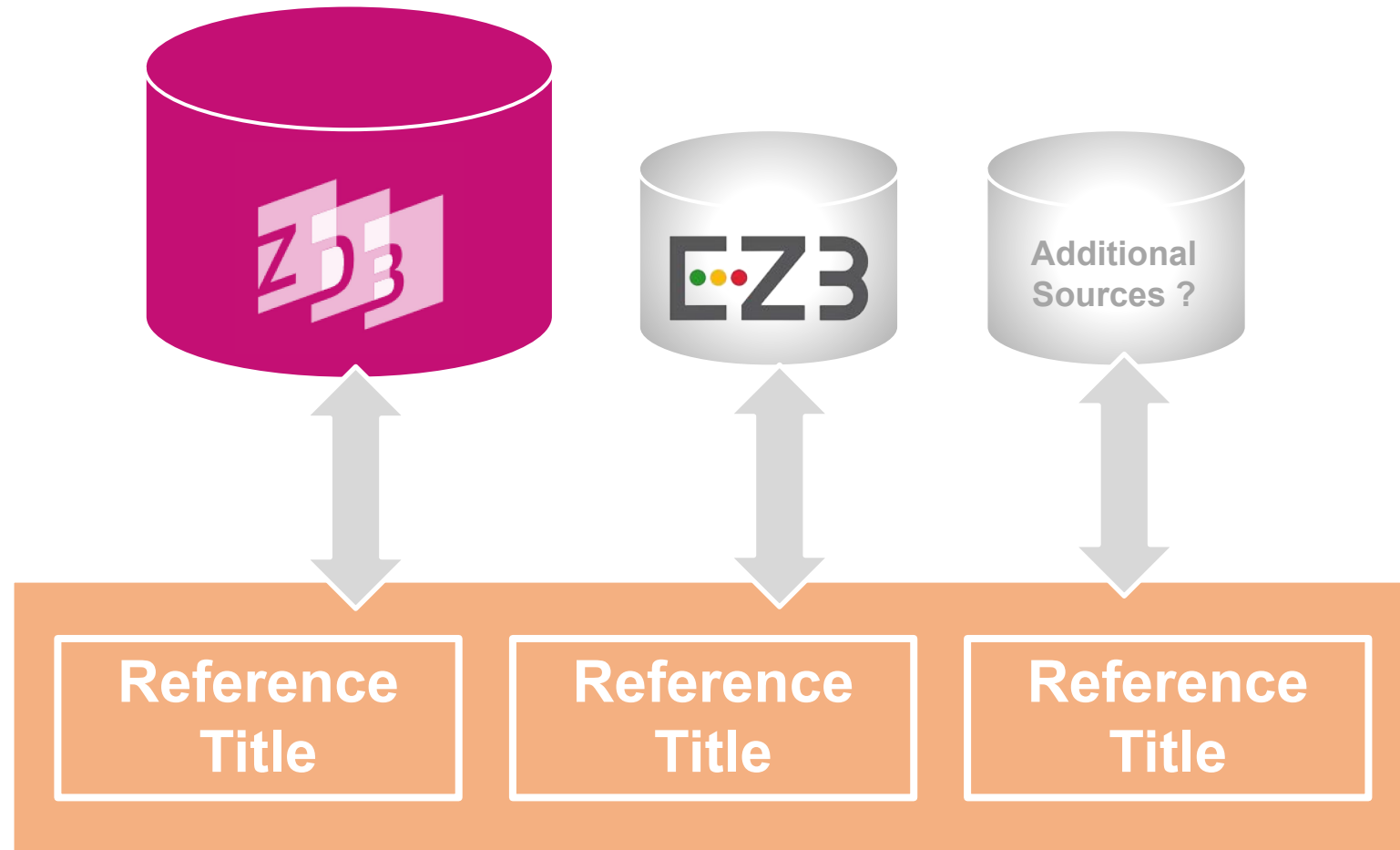


Enrichment

Via ZDB (German journal database)
and additional sources

- ❖ Identifiers
- ❖ bibliographically correct title name
- ❖ Title history
- ❖ (DDC subject...)

Automated stub
creation planned



Review Requests

manual checks of

- ❖ Inconsistencies
- ❖ Mismatches
- ❖ Functional KBART errors
- ❖ Enrichment problems

Review – Namespace Conflict

Date Created

2022-05-16 12:58:16

Status

Open

Curatory Groups:

Component (Package Title)

[Geriatric Orthopaedic Surgery & Rehabilitation](#)

Action taken

Cause

A package title eISSN matched an existing reference title print-ISSN or vice versa.

Other Components

[Geriatric Orthopaedic Surgery & Rehabilitation](#) ×

Link new component

To Do

Check if the reference title has a print-ISSN erroneously marked as eISSN or vice versa and correct those identifiers if necessary.


Check the package title identifiers and the KBART record. Correct them if necessary.

Structured info

Review Requests

manual checks of

- ❖ Inconsistencies
- ❖ Mismatches
- ❖ Functional KBART errors
- ❖ Enrichment problems

 Closing Review Requests: The Process of Cleaning up Provider Data with GOKb
Philipp von Boeselager

Original Package Title
Geriatric Orthopaedics, Surgery & Rehabilitation

Action taken

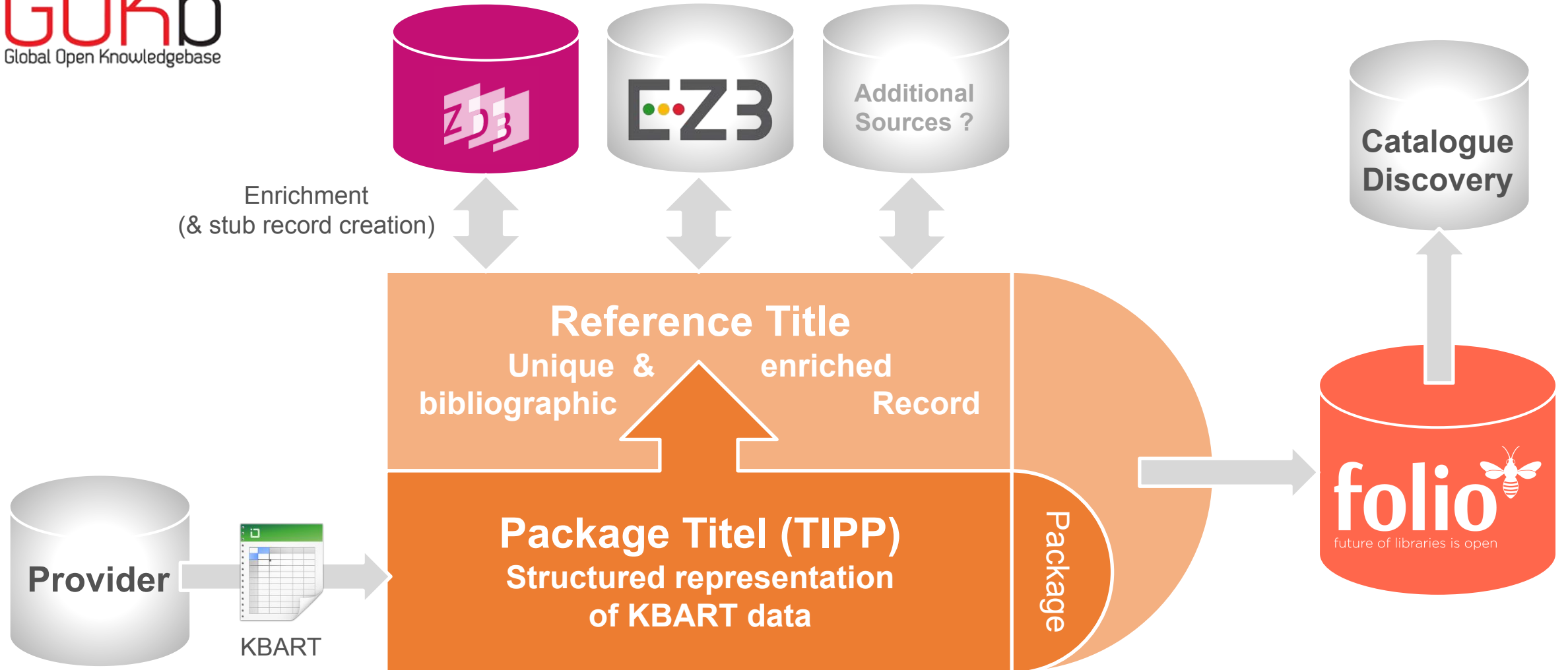
Issue
A package title with a print ISSN matched an existing reference title with an eISSN or vice versa.

How to resolve
Geriatric Orthopaedics, Surgery & Rehabilitation

Link new component

To do
Check if the reference title has a print ISSN erroneously marked as eISSN or vice versa and correct those identifiers if necessary.
Check the package title identifiers and the KBART record. Correct them if necessary.

Worked info



Conclusion

- ❖ The GOKb ...
 - ❖ Closes the functional gap between provider data and bibliographically enriched data
 - ❖ Provides data normalization, correction and enrichment
 - ❖ Serves as identity broker for e-resources
 - ❖ Serves as source system at the beginning of data flows
 - ❖ Focuses heavily on identifiers and interfaces
- ❖ FOLIO ERM as main user
 - excellent cooperation

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Collect and Distribute: Utilizing the APIs of GOKb
Moritz Horn

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Cross project: FOLIO ERM & GOKb - presentation of a service
Martina Schildt • Felix Hemme • Daniel Rupp

Further information

- GOKb Website:

<https://gokb.org/>

- Technical Wiki:

<https://github.com/openlibraryenvironment/gokb/wiki>

- KBART:

<https://www.niso.org/standards-committees/kbart/kbart-frequently-asked-questions>



Show and Tell: GOKb demo
Moritz Horn

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info@gokb.org



Hinweis: Für diese Präsentation ist das gesprochene Wort maßgeblich.