

# Nicht nur *eine* neue Oberfläche. Zur Evolution des PHAIDRA Repositoriums

Rastislav Hudak, 14. November 2022

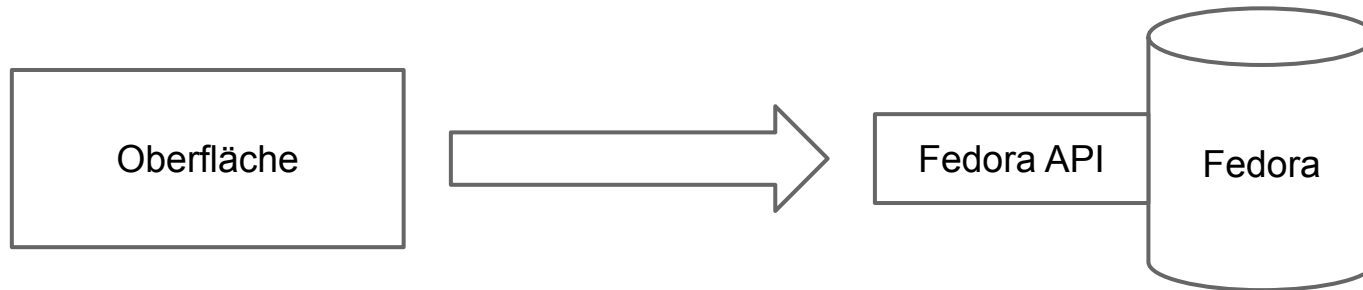


# Zur Evolution des PHAIDRA Repositoryums

- Evolution von...
  - Architektur
  - Metadaten
  - Komponenten

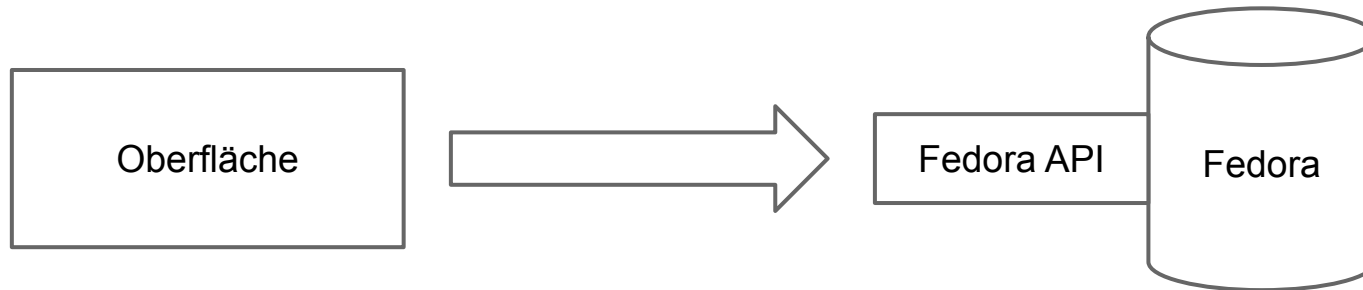
## Die klassische Oberfläche

- Monolithisch (cca 2008)



## Die klassische Oberfläche

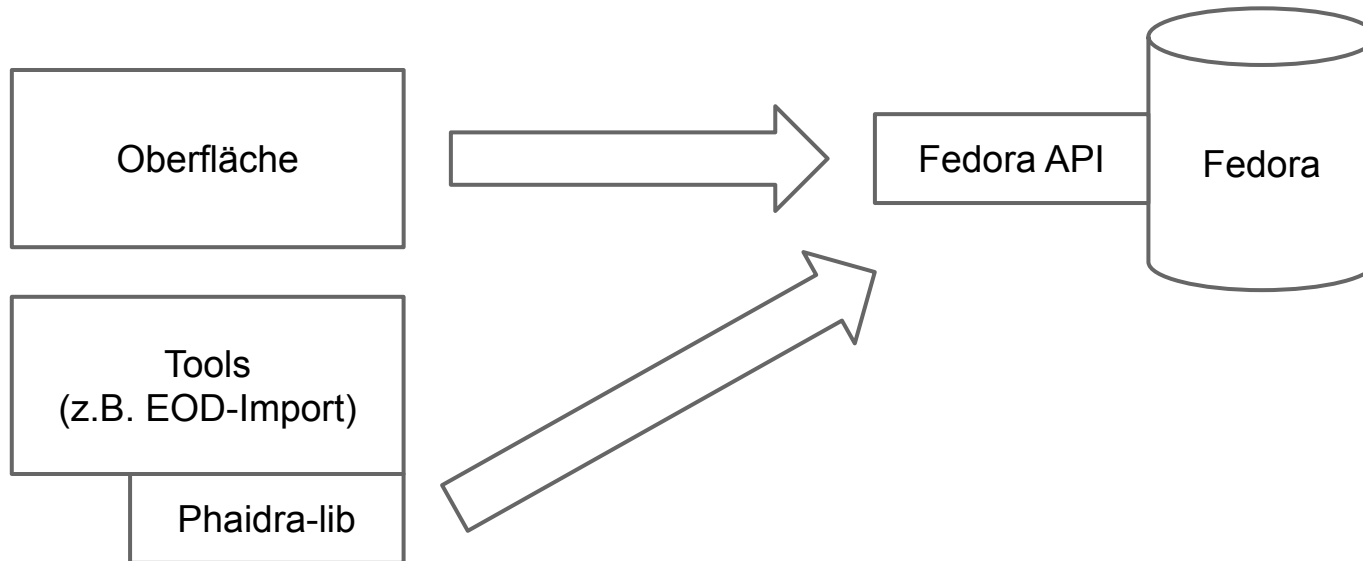
- Monolithisch (cca 2008)



- Fedora API != "benutzer" API
- Keine Unterstützung von Phaidra "Architektur" (Struktur von digitalen Objekten, Metadaten, etc.) ausserhalb der Oberfläche

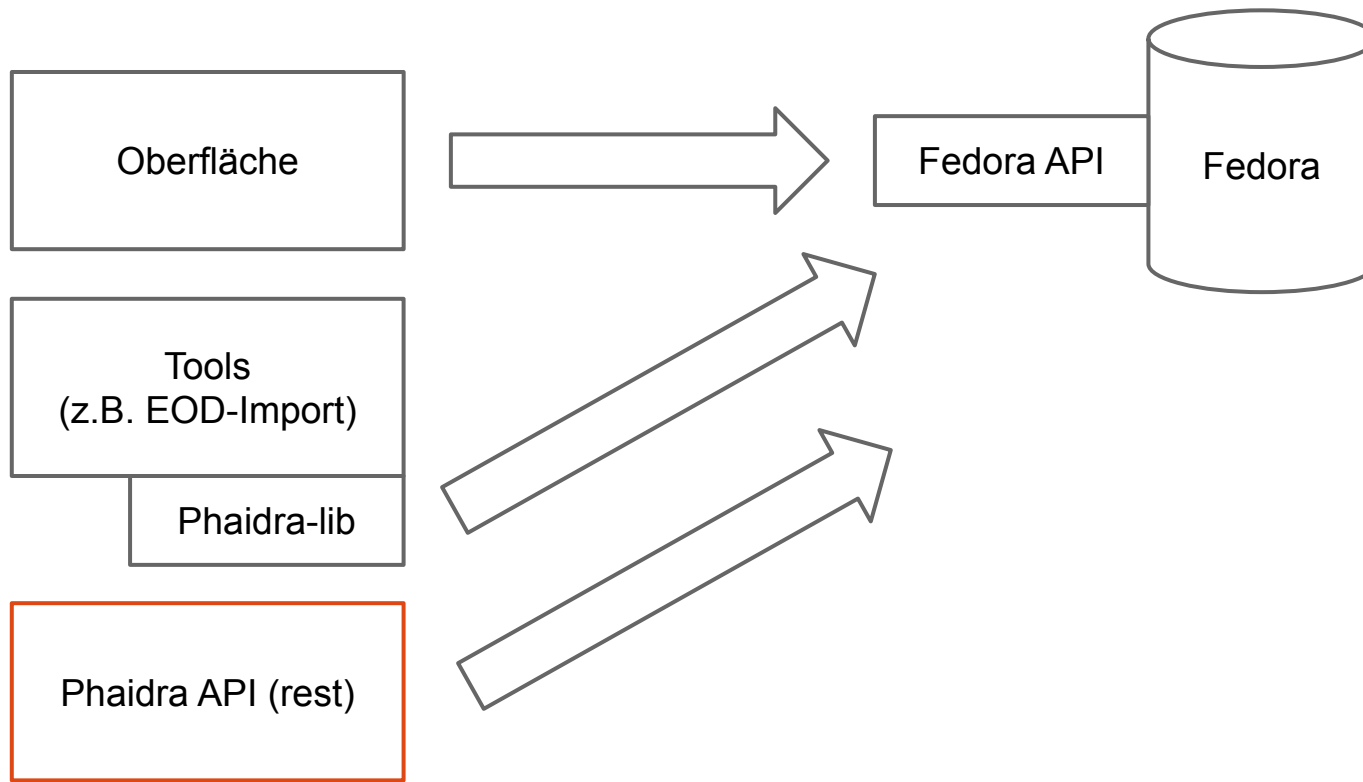
## Die klassische Oberfläche

- Monolithisch (cca 2008)



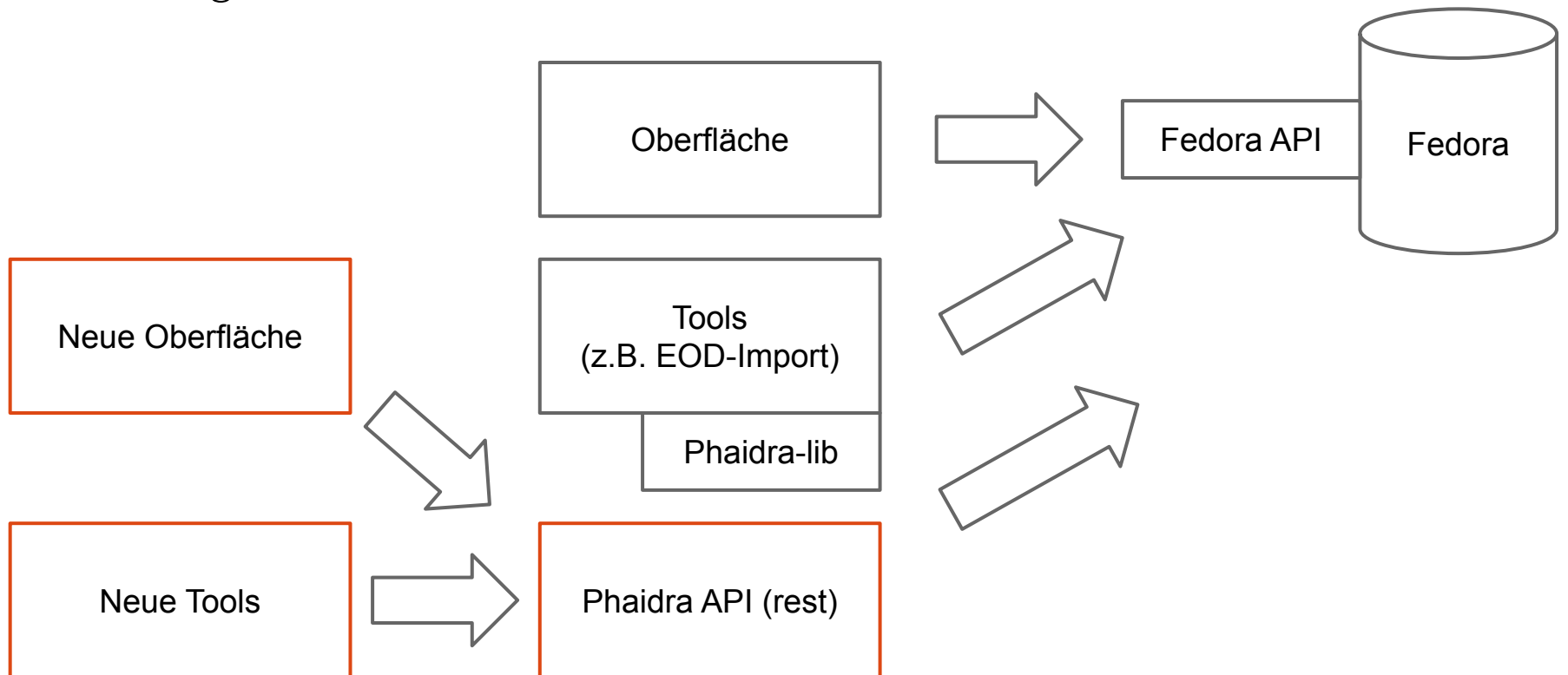
## Erster Schritt

- Entwicklung von Phaidra API (cca 2013)



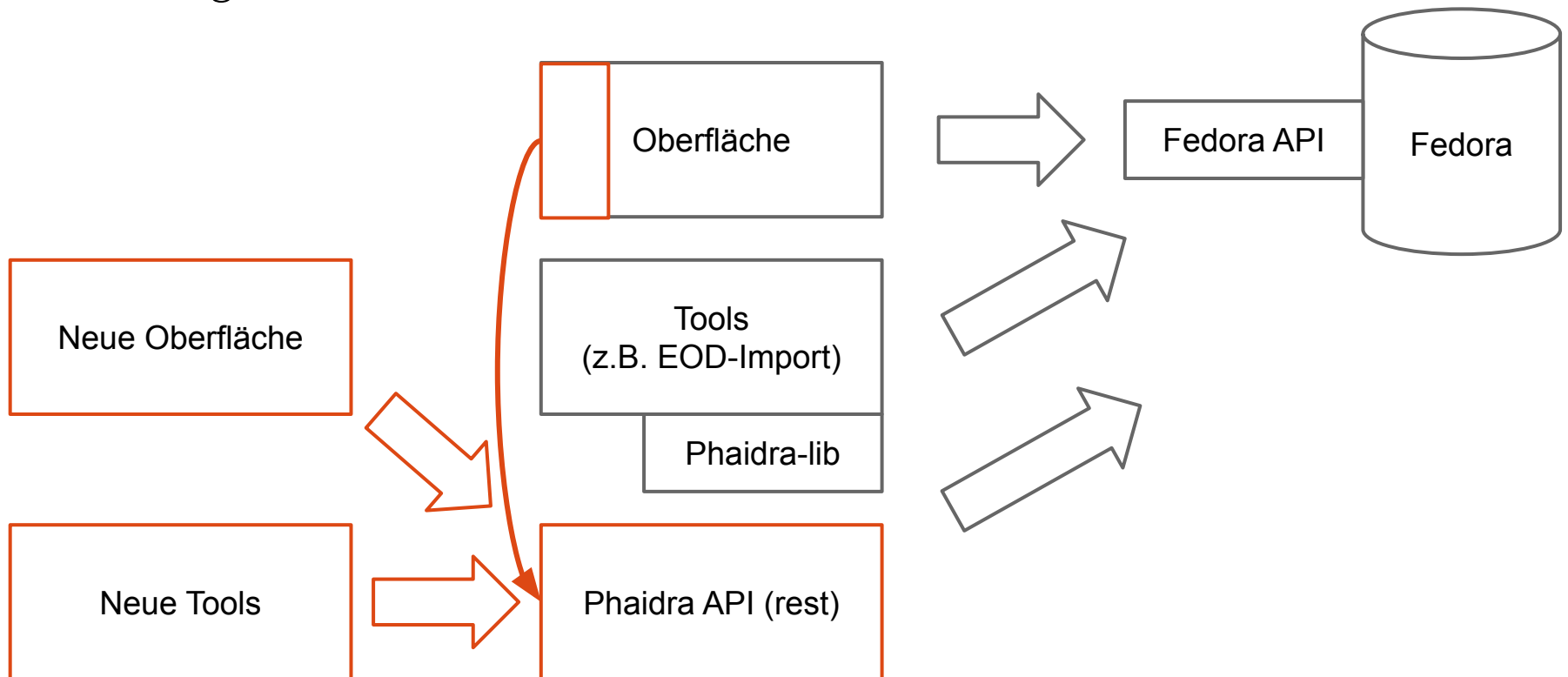
## Zweiter Schritt

- Nutzung von Phaidra API



## Zweiter Schritt

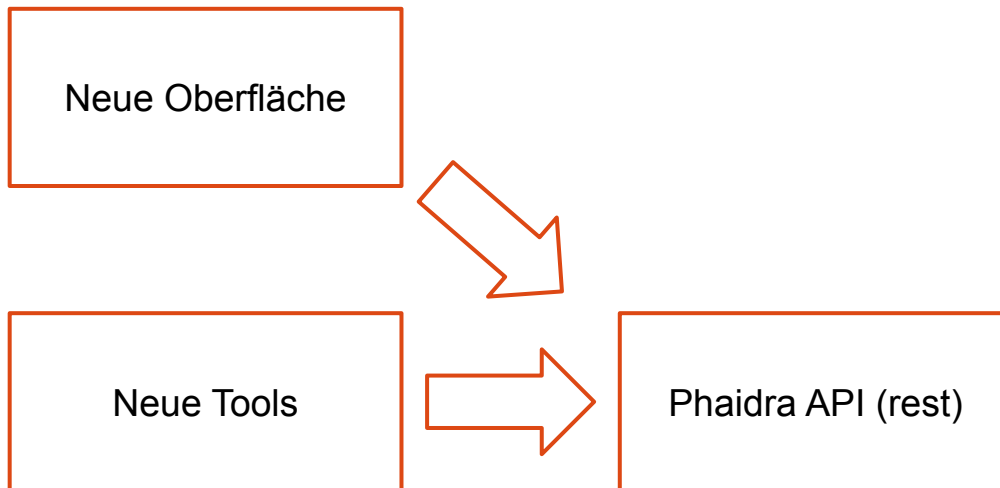
- Nutzung von Phaidra API



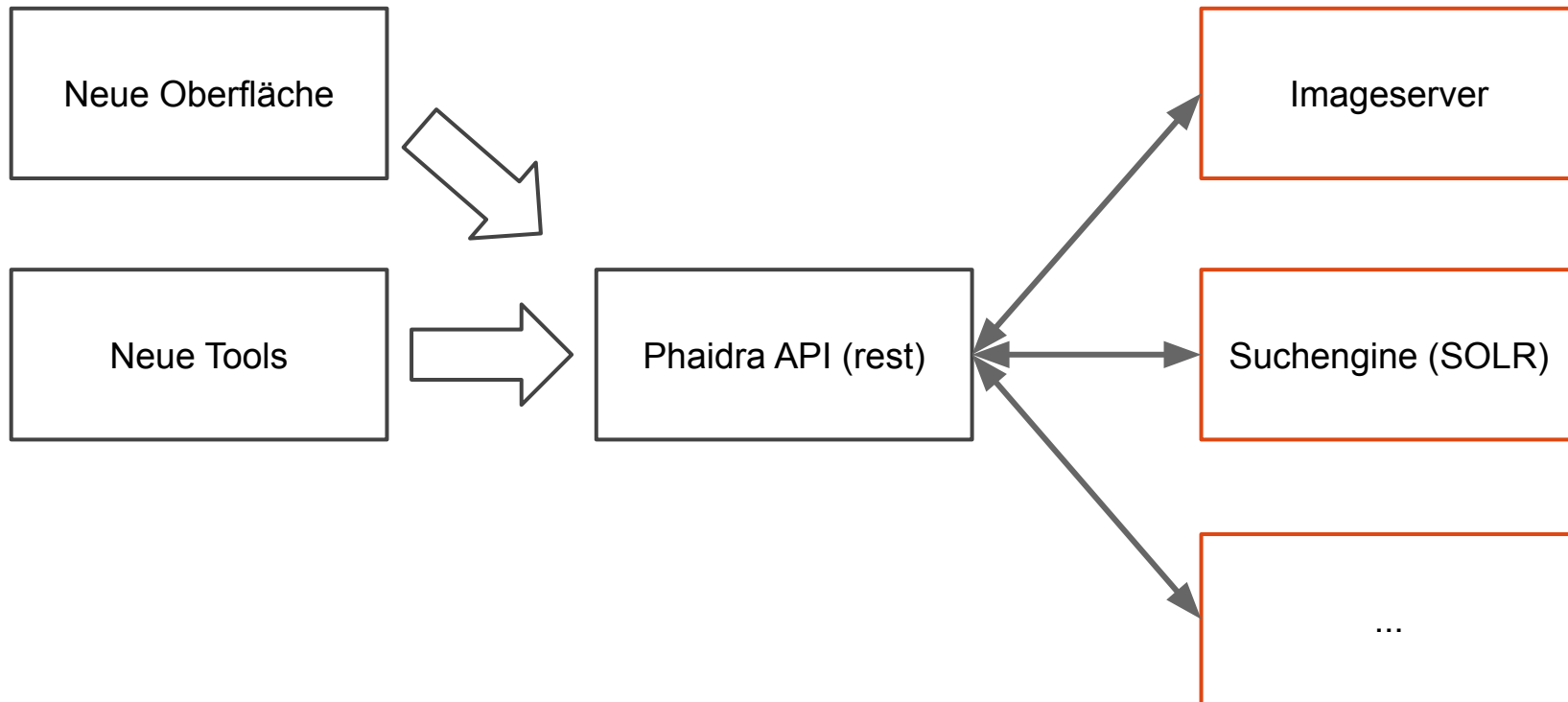


## Zweiter Schritt

- Nutzung von Phaidra API



## ...Weiterentwicklung



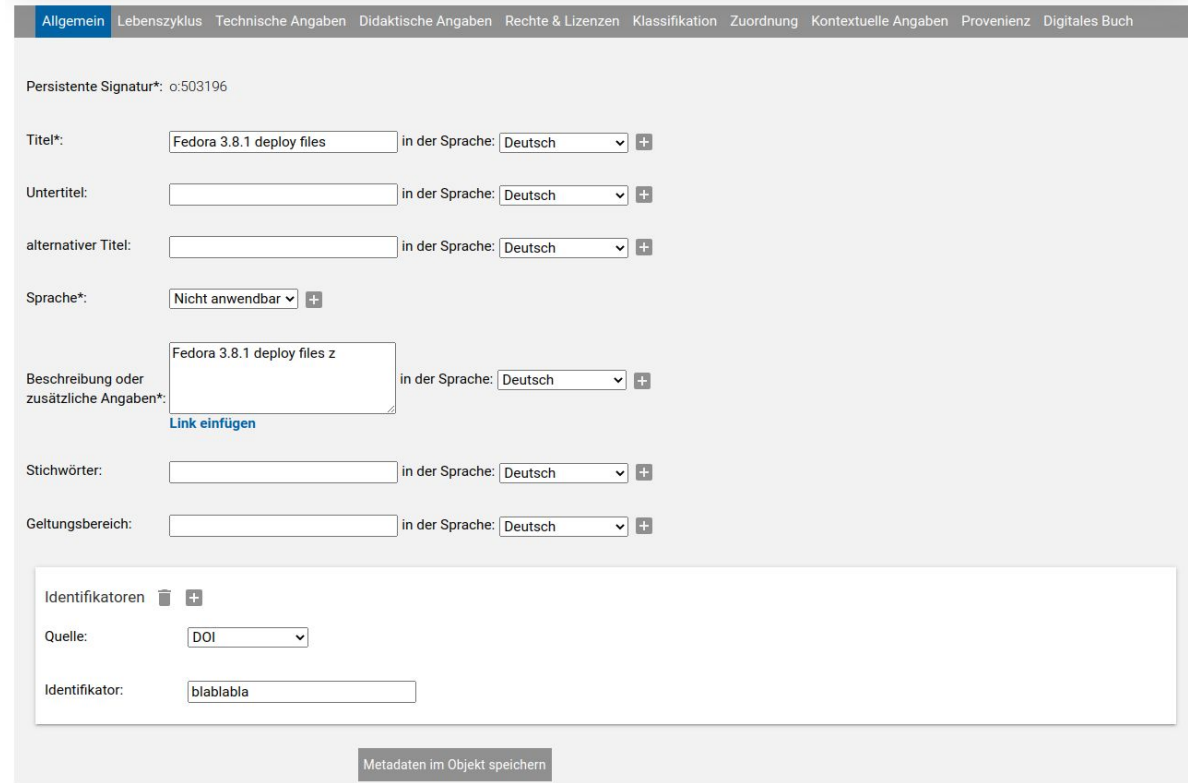
# Weiterentwicklung - neue Metadatenformate

- UWMETADATA
- MODS
- **JSON-LD**

Phaidra API (rest)

# Metadatenformate

- UWMETADATA
- Struktur ist fix



The screenshot shows a metadata form with a navigation bar at the top containing tabs: Allgemein (selected), Lebenszyklus, Technische Angaben, Didaktische Angaben, Rechte & Lizenzen, Klassifikation, Zuordnung, Kontextuelle Angaben, Provenienz, and Digitales Buch. The main content area displays the following fields:

- Persistente Signatur\*: o:503196
- Titel\*: Fedora 3.8.1 deploy files in der Sprache: Deutsch
- Untertitel: in der Sprache: Deutsch
- alternativer Titel: in der Sprache: Deutsch
- Sprache\*: Nicht anwendbar
- Beschreibung oder zusätzliche Angaben\*: Fedora 3.8.1 deploy files z in der Sprache: Deutsch
- Stichwörter: in der Sprache: Deutsch
- Geltungsbereich: in der Sprache: Deutsch

Below these fields is a section for identifiers:

- Identifikatoren: +
- Quelle: DOI
- Identifikator: blablaba

A button at the bottom right reads "Metadaten im Objekt speichern".

# Metadatenformate - UWMETADATA

- Vorteile:
  - Leichte Validierung\*
- Herausforderungen:
  - Erweiterungen = Abweichungen von dem LOM Standard
  - Trennung Digitales Objekt vs "Analoges" Objekt
  - Nicht Linked-Data fähig

## Fedora 4+ (2014)

- Linked Data Platform => RDF
- Samvera Strategie: Mapping von MODS auf RDF
  - 30+ Organisationen
  - 3+ Jahre Arbeit
  - Vereinfachungen notwendig

Mapping MODS to RDF: Recommendations & Strategie - Eben English, Emily Porter - <https://repo.samvera.org/downloads/051a019c-082c-4900-b17a-403bba917076>

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## Fedora 4+

- Unsere Strategie: UWMETADATA -> MODS -> RDF

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- Unsere Strategie: UWMETADATA -> MODS -> RDF
- Allerdings war MODS -> RDF nicht optimal
  - Vereinfachungen!



## Fedora 4+

- Unsere Strategie: UWMETADATA -> MODS -> RDF
- Allerdings war MODS -> RDF nicht optimal
- Mapping Beispiel:

```
<https://example.org/objects/1> relators:aut <http://id.loc.gov/rwo/agents/n50007142> ;  
    relators:aut "Some, Person" .
```

... "Adding to these challenges is the **hierarchical** and extensible **nature of MODS** XML, which **does not easily translate to the RDF** graph model **without the use of** either **blank nodes** (which are problematic to represent in the Samvera and Fedora stack) **or minted object classes** for metadata elements such as creators and subjects."

MODS to RDF Mapping Recommendations, A Samvera MODS to RDF Working Group, January 2019;  
[https://repo.samvera.org/concern/generic\\_works/b922d5e1-abfe-4305-a696-0c6d72c962ff](https://repo.samvera.org/concern/generic_works/b922d5e1-abfe-4305-a696-0c6d72c962ff)

## Fedora 4+

- Unsere Strategie: UWMETADATA -> MODS -> RDF
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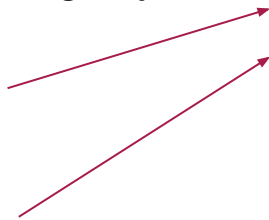
```
<https://example.org/objects/1> relators:aut <http://id.loc.gov/rwo/agents/n50007142> ;  
relators:aut "Schmidt, Peter" .
```

## Fedora 4+

- Unsere Strategie: UWMETADATA -> MODS -> RDF
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- Mapping Beispiel:

```
<https://example.org/objects/1> relators:aut <http://id.loc.gov/rwo/agents/n50007142> ;  
relators:aut "Schmidt, Peter" .
```

braucht Integration  
(z.B. für neue Einträge)



Ist flach (konkrete Attribute? Person vs Körperschaft?)

## Fedora 4+

- Unsere Strategie: UWMETADATA -> MODS -> RDF
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- Mapping Beispiel:

```
<https://example.org/objects/1> relators:aut <http://id.loc.gov/rwo/agents/n50007142> ;  
relators:aut "Schmidt, Peter" .
```

Nicht normiert!



```
<https://example.org/objects/1> relators:pbl "published by John P. Soule" ;
```

## Fedora 4+

- Unsere Strategie: UWMETADATA -> MODS -> RDF
- Allerdings war MODS -> RDF nicht optimal
- Mapping Beispiel:

```
<https://example.org/objects/1> relators:aut <http://id.loc.gov/rwo/agents/n50007142> ;
relators:aut "Schmidt, Peter" .
```

- Eine mögliche Lösung:

```
<https://example.org/objects/1> relators:aut [ ex:firstName "Peter" ;
ex:lastName "Schmidt" ] .
```

Subject blank node

ORCID ID	First Name	Last Name	Other Names	Affiliations
0000-0002-5700-3144	Peter	Schmidt		Gemeinschaftswerkrechenhaus Herdecke gGmbH, Philipps University of Marburg, Universität Witten/Herdecke
0000-0001-6954-6590	Peter	Schmidt		Foundation for Polish Science, GEIS Leibniz-Institut für Sozialwissenschaften etc, National Research University Higher School of Economics, University of Gießen, University of Mannheim
0000-0003-1340-9086	Peter	Schmidt		Bayer Healthcare, CSBio, CSL Behring, CSL Ltd, Carl von Ossietzky Universität Brüttel, für Biologie und Umweltwissenschaften, Martin Luther Universität Halle-Wittenberg, Institut für Pharmazie, Masahq University, Otto-von-Guericke-Universität Magdeburg, Medizinische Fakultät
0000-0001-5928-2821	Peter	Schmidt		Constantine the Philosopher University in Nitra, Secondary Police School in Bratislava, University of Economics in Bratislava
0000-0002-6201-7365	Peter	Schmidt		Cornell University, East Carolina University Brody School of Medicine, Harvard University, Huntington's Study Group, National Parkinson Foundation, New York University Grossman School of Medicine
0000-0002-9187-8112	Peter	Schmidt		Albert-Ludwigs-Universität Freiburg, Lumileds Germany GmbH, Philips Research, Philips Technologie GmbH, Philips Technologie GmbH Forschungslaboratorien Aachen
0000-0002-4880-2489	Peter	Schmidt		Uppsala Universitet
0000-0002-4595-0181	Peter	Schmidt		NIMH
0000-0002-8905-6246	Peter	Schmidt		Frauenarztpraxis Bahnhofstraße
0000-0001-6702-411X	Peter	Schmidt		Case Western Reserve University, University of Minnesota
0000-0002-0762-6968	Peter	Schmidt		
0000-0002-4549-1707	Peter	Schmidt		
0000-0003-3011-5297	Peter	Schmidt		
0000-0003-0405-9680	Peter	Schmidt		
0000-0001-5789-4197	Peter	Schmidt		
0000-0001-8744-7371	Peter	Schmidt		
0000-0003-4351-2448	Peter	Schmidt		
0000-0002-8358-830X	Peter	Schmidt		
0000-0001-9029-0627	Peter	Schmidt		
0000-0002-1143-3966	Peter	Schmidt		
0000-0002-6253-3190	Peter	Schmidt		

## Fedora 4+

- Unsere Strategie: UWMETADATA -> MODS -> RDF
- Allerdings war MODS -> RDF nicht optimal
- Blank nodes problematisch = hierarchische Metadaten problematisch
- Aber inspirierend!

```
<https://example.org/objects/1> relators:pup <http://vocab.getty.edu/tgn/7013445> ;  
    relators:pbl "published by John P. Soule" ;  
    bf:editionStatement "3rd edition" ;  
    dcterms:created "1930?" .
```

# Woher kommen die Felder?

1) Bedarf: Oberflächen, Projekte

2) Suche nach einer passenden  
**bereits existierenden** Ontologie

## Predicate Decision Tree

October 3, 2016, version 1; updated: February 19, 2017, August 3, 2017

Predicate needs for RDF statements arise for various situations such as application development and metadata mapping for migration. Both developers and librarians might find themselves in situations that require looking for a predicate to use or deciding if a new predicate needs to be created. The purpose of this document is to help provide a review process of existing predicates and their application. This is not intended to provide specific recommendations for a given field.

1. Is the predicate for technical metadata?
  - a. Basic technical properties:  
<https://wiki.duraspace.org/display/samvera/Technical+Metadata+Application+Profile>
  - b. See also for additional technical properties - [EBUCore](#)
2. Is the predicate for rights metadata?
  - a. <http://wiki.duraspace.org/display/samvera/Rights+Metadata+Recommendation>
3. Is the predicate describing structure?
  - a. PCDM (<https://github.com/duraspace/pcdm/wiki>)
4. Is the predicate for geographic resources?
  - a. [Samvera\\_Geospatial\\_Interest\\_Group](#)
  - b. General spatial characteristics of a resource - [DC\\_spatial](#)
  - c. Latitude/Longitude - [EXIF](#) (gps.Latitude and gps.Longitude)
5. Is the predicate for preservation events or provenance?
  - a. [PROV-O](#)
  - b. [Premis](#)
6. Converting from MODS?
  - a. <https://wiki.duraspace.org/display/samvera/MODS+and+RDF+Descriptive+Metadata+Subgroup>
  - b. Look at [DPLA Metadata Application Profile](#)
7. None of the above? Search for Existing Predicates
  - a. Prefer common ontologies:
    - i. [Dublin Core \(DC\)](#)
    - ii. [SKOS](#)
    - iii. [MARC Relators](#) (Creators/Photographers/Agents/Other Publishers)
    - iv. [VRA](#)
    - v. [Darwin Core](#)
    - vi. [Schema.org](#)
    - vii. [European Data Model \(EDM\)](#)
    - viii. [BIBFRAME](#)
    - ix. [EBUCore](#)
  - b. [RDF:Vocab](#) - lists common OWL/RDFS vocabularies for use with RDF
  - c. Search <http://lov.okfn.org>
  - d. Review predicates minted in the Samvera community
    - i. <http://opaquenamespace.org>

<https://docs.google.com/document/d/1oMwWlGuBwD5U1251oxNmTZn7WgkNTj6tF-k1hOYjnac>

Vocabulary Name	Abbreviation	Vocabulary URL
Phaidra	phaidra	<a href="https://phaidra.org/ontology/">https://phaidra.org/ontology/</a>
BIBFRAME (v.2)	bf	<a href="http://id.loc.gov/ontologies/bibframe/">http://id.loc.gov/ontologies/bibframe/</a>
LOC Standard Identifiers Scheme	ids	<a href="http://id.loc.gov/vocabulary/identifiers/">http://id.loc.gov/vocabulary/identifiers/</a>
The Bibliographic Ontology	bibo	<a href="http://purl.org/ontology/bibo/">http://purl.org/ontology/bibo/</a>
Bibliotek-o	bib	<a href="https://bibliotek-o.org/">https://bibliotek-o.org/</a>
Classification Schemes	classSchemes	<a href="http://id.loc.gov/vocabulary/classSchemes">http://id.loc.gov/vocabulary/classSchemes</a>
DBPedia Ontology	dbo	<a href="http://dbpedia.org/ontology/">http://dbpedia.org/ontology/</a>
Dublin Core Metadata Element Set, Version 1.1	dce	<a href="http://purl.org/dc/elements/1.1/">http://purl.org/dc/elements/1.1/</a>
DCMI Metadata Terms	dcterms	<a href="http://purl.org/dc/terms/">http://purl.org/dc/terms/</a>
DCMI Type Vocabulary	dcmitype	<a href="http://dublincore.org/documents/2000/07/11/dcmi-type-vocabulary/#">http://dublincore.org/documents/2000/07/11/dcmi-type-vocabulary/#</a>
EBUCore	ebucore	<a href="https://www.ebu.ch/metadata/ontologies/ebucore/ebucore#">https://www.ebu.ch/metadata/ontologies/ebucore/ebucore#</a>
Europeana Data Model	edm	<a href="http://www.europeana.eu/schemas/edm/">http://www.europeana.eu/schemas/edm/</a>
FOAF (Friend of a Friend)	foaf	<a href="http://xmlns.com/foaf/spec/#">http://xmlns.com/foaf/spec/#</a>
OpaqueNamespace	opaque	<a href="http://opaquenspace.org/">http://opaquenspace.org/</a> [might change]
Portland Common Data Model	pcdm	<a href="http://pcdm.org/models#">http://pcdm.org/models#</a>
RDA Unconstrained	rdau	<a href="http://rdaregistry.info/Elements/ui">http://rdaregistry.info/Elements/ui</a>
The RDF Concepts Vocabulary (RDF)	rdf	<a href="http://www.w3.org/1999/02/22-rdf-syntax-ns#">http://www.w3.org/1999/02/22-rdf-syntax-ns#</a>
RDF Schema 1.1	rdfs	<a href="https://www.w3.org/TR/rdf-schema/">https://www.w3.org/TR/rdf-schema/</a>
MARC Code List for Relators	relators	<a href="http://id.loc.gov/vocabulary/relators">http://id.loc.gov/vocabulary/relators</a>
Schema.org	schema	<a href="http://schema.org/">http://schema.org/</a>
SKOS Simple Knowledge Organization System	skos	<a href="http://www.w3.org/2004/02/skos/core#">http://www.w3.org/2004/02/skos/core#</a>
SKOS Simple Knowledge Organization System eXtension for Labels	skosxl	<a href="http://www.w3.org/2008/05/skos-xl">http://www.w3.org/2008/05/skos-xl</a>
Standard Identifiers Scheme	identifiers	<a href="http://id.loc.gov/vocabulary/identifiers">http://id.loc.gov/vocabulary/identifiers</a>
The Funding, Research Administration and Projects Ontology	frapo	<a href="http://purl.org/cerif/frapo">http://purl.org/cerif/frapo</a>
EBUCore - the Dublin Core for media	ebucore	<a href="http://www.ebu.ch/metadata/ontologies/ebucore/ebucore">http://www.ebu.ch/metadata/ontologies/ebucore/ebucore</a>
Academic Institution Internal Structure Ontology	aiiso	<a href="http://purl.org/vocab/aiiso/schema#">http://purl.org/vocab/aiiso/schema#</a>
CITO, the Citation Typing Ontology	cito	<a href="http://purl.org/spar/cito/">http://purl.org/spar/cito/</a>
Art and Rare Materials Core Ontology	arm	<a href="https://id4p.github.io/arm/core/ontology/0.1/">https://id4p.github.io/arm/core/ontology/0.1/</a>

<https://github.com/phaidra/phaidra-ld/wiki/Metadata-fields>



## Fedora 4+

- Unsere Strategie: UWMETADATA -> MODS -> RDF
- Allerdings war MODS -> RDF nicht optimal
- Aber inspirierend!
- Neue Projekte -> andere Metadatenstruktur (Schichten)

# Fedora 4+

Metadaten des digitalen Objektes



Metadaten des "analogen" Objektes



Title (deu)	<b>Incerta</b> Lehrmitteldia aus der Ethnographischen Sammlung des Instituts für Kultur- und Sozialanthropologie
Digitiser	<b>Jasmin Hilbert</b>
Description	Reproduktion eines Fotos auf einem in Glas gefassten Diapositiv, vom ehemaligen Institut für Völkerkunde angeschafft, Quelle unbekannt. Die Signatur und der Titel wurden für die digitale Archivierung neu vergeben.
Remark (deu)	eda – Ethnographisches Datenarchiv/UB Wien eda – Ethnographic Data Archive/Wienna University Library
Language	German [deu]
Persistent identifier	<a href="https://phaidra.univie.ac.at/o:1613865">https://phaidra.univie.ac.at/o:1613865</a>
Filename	ES_AS701.tif
MIME Type	TIFF [image/tiff]
License	<b>All rights reserved</b>
Rights statement (deu)	Universität Wien, Institut für Kultur- und Sozialanthropologie
<b>Subject</b>	
Title (deu)	<b>Incerta</b> Lehrmitteldia aus der Ethnographischen Sammlung des Instituts für Kultur- und Sozialanthropologie
Digitiser	<b>Jasmin Hilbert</b>
Condition (deu)	gut erhalten
Call number	ES_AS701
Depicted / Represented place	Asien [Asia]
Physical location	Ethnographische Sammlung des Instituts für Kultur- und Sozialanthropologie, Universität Wien
Technique (eng)	black-and-white photography
Technique (deu)	Reproduktion mit Pentax K-1 (TIFF 16 bit)
Width	8,5 cm
Height	8,5 cm

## Fedora 4+

- Neue Strategie: -> RDF
- Format: JSON-LD
- Vorteile:
  - JSON
  - LD
  - Flexibel - kein fixes Schema

# ? Fedora 4+ ?

- Neue Strategie: -> RDF
- Format: JSON-LD
- Vorteile:
  - JSON
  - LD
  - Flexibel - kein fixes Schema

## Neues Metadatenformat

- Neue Strategie: -> RDF
- Format: JSON-LD
- Vorteile:
  - JSON
  - LD
  - **Flexibel** - kein fixes Schema

## Flexible Metadaten - Phaidra Vue Components (2018)

- Bei einem Feld braucht man
  - Eingabe
  - Anzeige
  - ... (Eigenschaften, Mapping,...)
- Beispiel: Titel

- Eingabe

<small>Titel</small> Glas mit Samen-Faser von Crotonaria	<small>Untertitel</small>	<small>Sprache</small> Deutsch	⋮
---	---------------------------	-----------------------------------	---

- Anzeige

Title (deu)    Glas mit Samen-Faser von Crotonaria

# Flexible Metadaten - Phaidra Vue Components

### Erschienen in

Titel	Untertitel
-------	------------

Rolle: **Herausgeb...** ✕ ▾

Vorname	Nachname	⋮
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Seitenanfang	Seitenende
--------------	------------

ISBN

### Reihe

 + ⌵

Titel
Band


### Verlag

 ⌵

Universität Wien

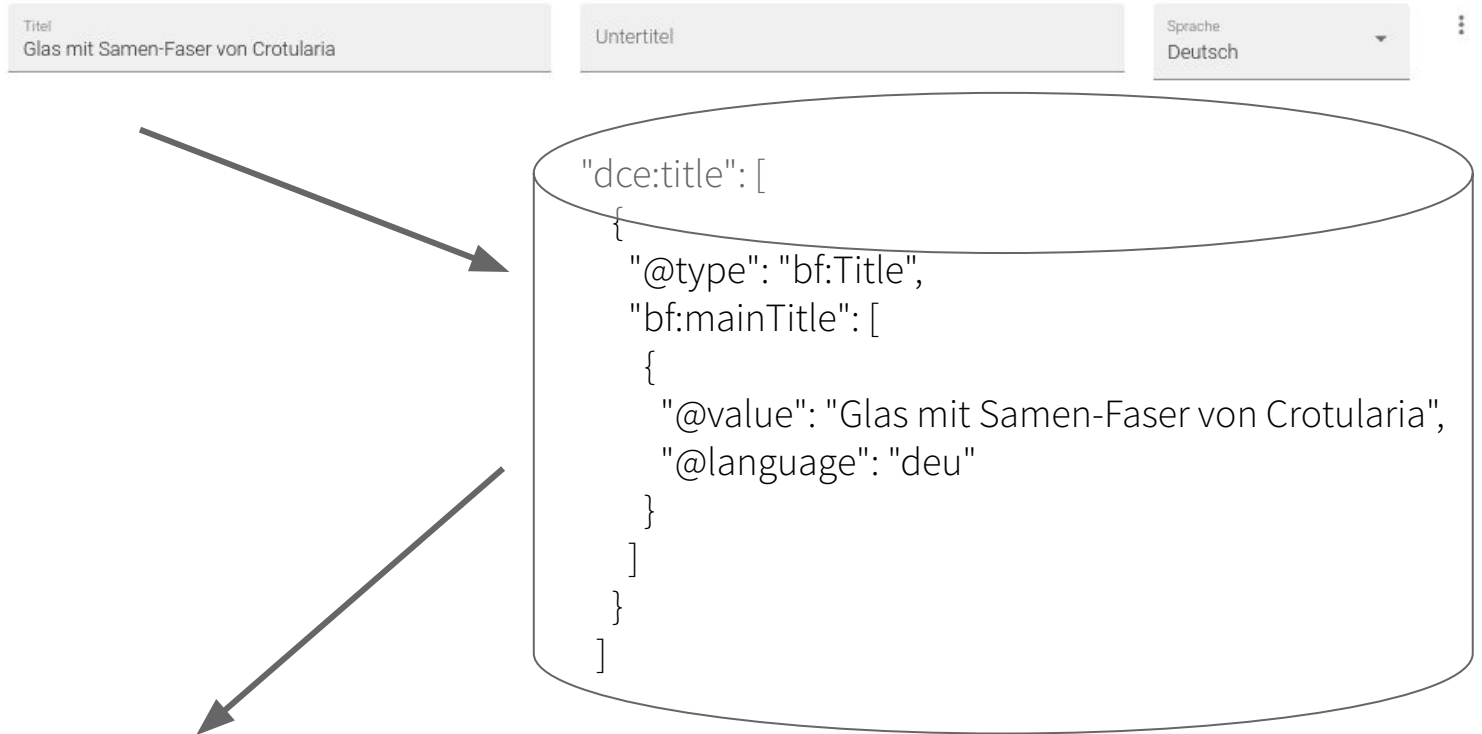
Verlag

Verlag

Erscheinungsdatum 

# Flexible Metadaten - Phaidra Vue Components

◦ Eingabe



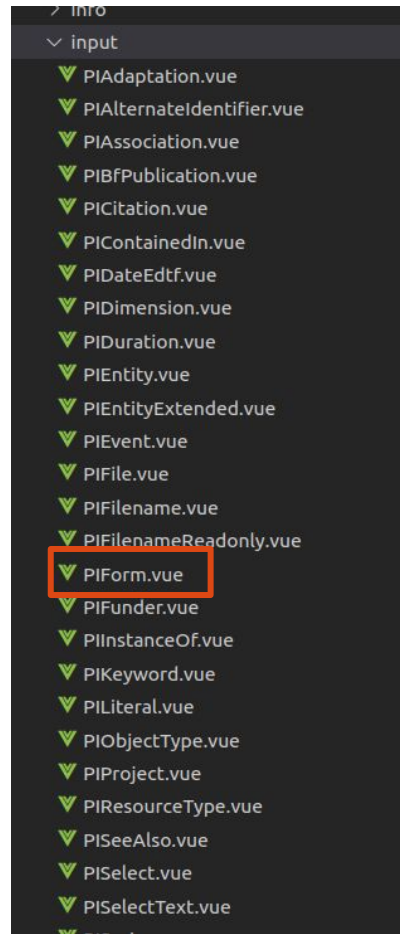
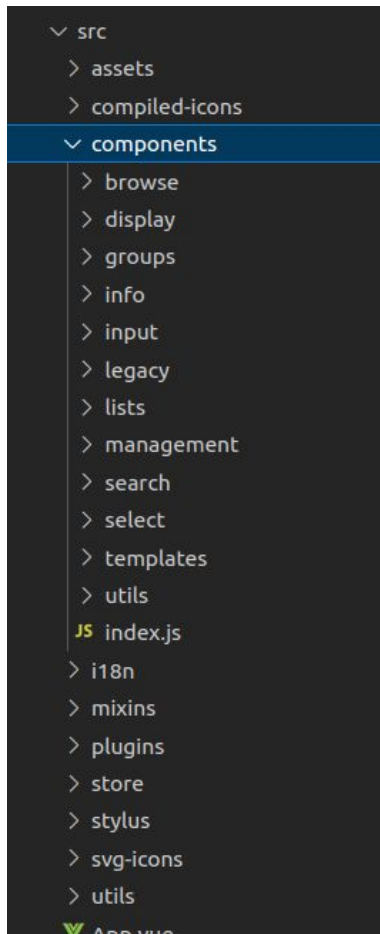
◦ Anzeige

Title (deu) Glas mit Samen-Faser von Crotularia

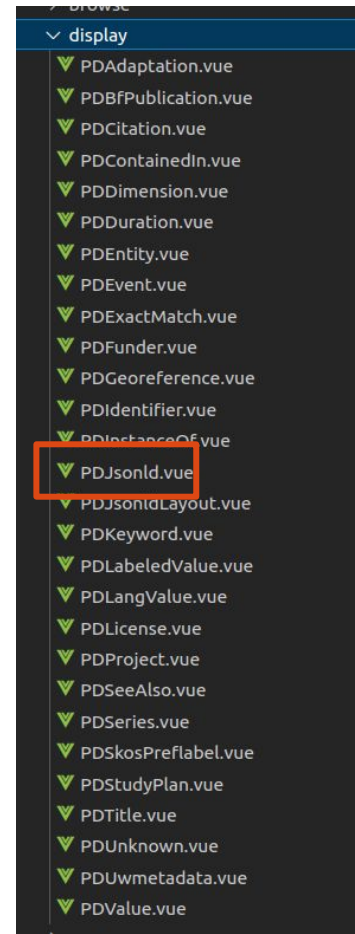




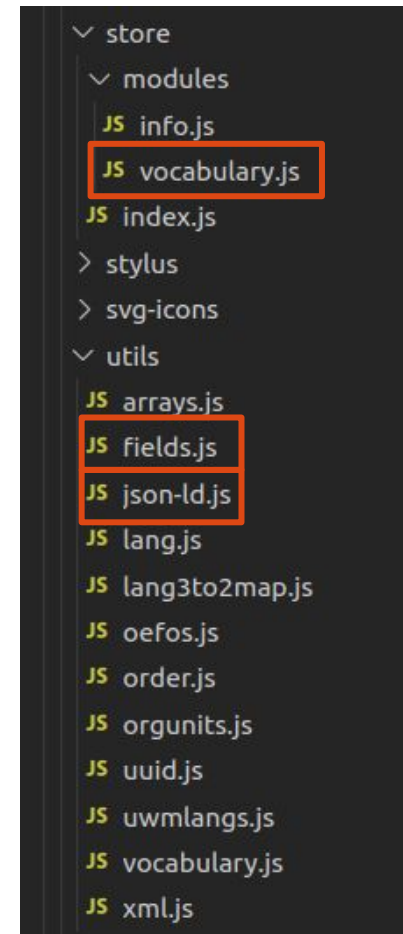
◦ Eingabe



◦ Anzeige



◦ Skripte



PITitle.vue

Titel: Glas mit Samen-Faser von Crotalaria    Untertitel:    Sprache: Deutsch

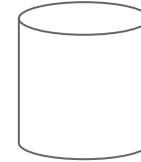
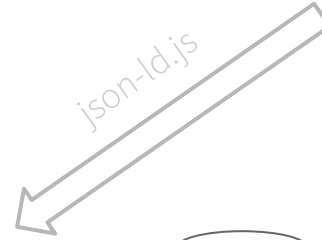


PIForm.vue

Title \*    Subtitle    Keywords \*    Role \*    Firstname \*    Lastname \*    ORCID    Subject (OFDS) \*    Association \*    License \*

json-ld.js

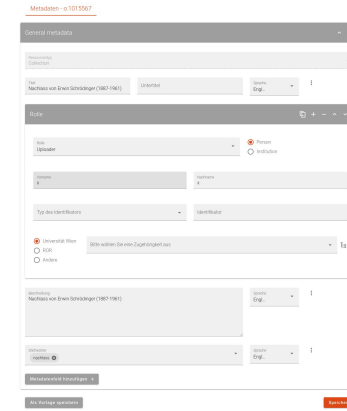
```
"dctype":{
  "@type": "bf:Title",
  "bf:mainTitle":{
    "@value": "Glas mit Samen-Faser von Crotalaria",
    "@language": "deu"
  }
}
```



```
"dctype":{
  "@type": "bf:Title",
  "bf:mainTitle":{
    "@value": "Glas mit Samen-Faser von Crotalaria",
    "@language": "deu"
  }
}
```



json-ld.js



PIForm.vue

Title (deu) **incerta**  
Lehrmittelkäse aus der Ethnographischen Sammlung des Instituts für Kultur- und Sozialanthropologie

Digitiser **Jasmin Hilbert**

Description Reproduktion eines Fotos auf einem in Glas gefassten Diapositiv, vom ehemaligen Institut für Völkerkunde angeschafft. Quelle unbekannt. Die Digitalisierung wurde im Rahmen der digitalen Archivierung neu vergeben.

Remark (deu) **eda** - Ethnographisches Datenarchiv/UB Wien  
**eda** - Ethnographic Data Archive/Vienna University Library

Language **German** (deu)

Persistent identifier <https://phaidra.univie.ac.at/a1513865>

Filename **ESL\_A5701.tif**

MIME Type **TIF** (image/tif)

License **All rights reserved**

Rights statement **Universität Wien, Institut für Kultur- und Sozialanthropologie** (deu)

---

**Subject**

Title (deu) **incerta**  
Lehrmittelkäse aus der Ethnographischen Sammlung des Instituts für Kultur- und Sozialanthropologie

Digitiser **Jasmin Hilbert**

Condition (deu) **gut erhalten**

Call number **ESL\_A5701**

Object / Represented place **Aachen** (deu)

Physical location **Ethnographische Sammlung des Instituts für Kultur- und Sozialanthropologie, Universität Wien**

Technique (eng) **black and white photography**

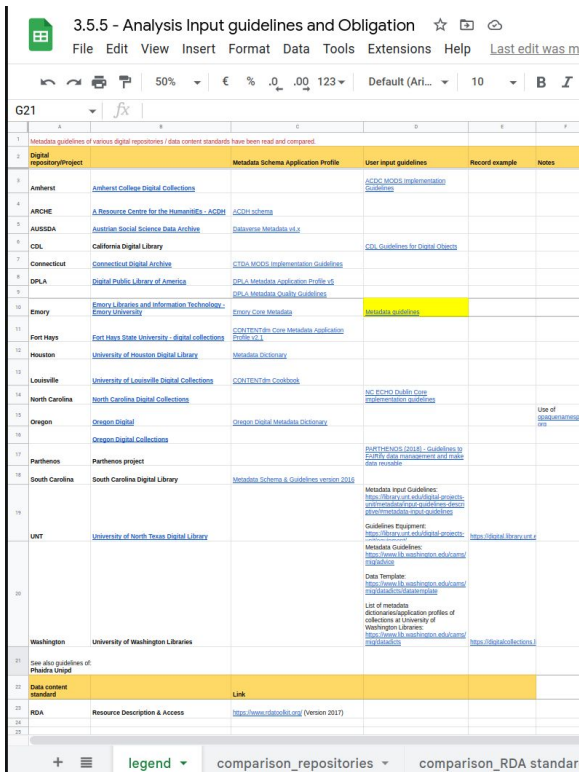
Technique (deu) **Reproduktion mit Permatex K11 (TFF 16 34)**

Width **8,5 cm**

Height **8,5 cm**

PDJsonld.vue

# Phaidra Submit neu



3.5.5 - Analysis Input guidelines and Obligation

File Edit View Insert Format Data Tools Extensions Help Last edit was made on 7 September 2020 by Phaidra Data Model

50% 123 v Default (Ari... 10 B I Z

G21

Digital repository/project	Metadata Schema Application Profile	User input guidelines	Record examples	Notes
Amherst	<a href="#">Amherst College Digital Collections</a>	<a href="#">ACDC MOCS implementation Guidelines</a>		
ARCHE	<a href="#">A Resource Centre for the Humanities - ARCHE</a>	<a href="#">CC01 schema</a>		
AUSUDA	<a href="#">Australian Social Science Data Archive</a>	<a href="#">Database Metadata v.1.0</a>		
CDL	<a href="#">California Digital Library</a>	<a href="#">CDL Guidelines for Digital Objects</a>		
Connecticut	<a href="#">Connecticut Digital Archive</a>	<a href="#">CTDA MOCS Implementation Guidelines</a>		
DPLA	<a href="#">Digital Public Library of America</a>	<a href="#">DPLA Metadata Application Profile v2</a>		
Emory	<a href="#">Emory Libraries and Information Technology - Emory University</a>	<a href="#">Emory Core Metadata</a>		<a href="#">Metadata guidelines</a>
Fort Hays	<a href="#">Fort Hays State University - digital collections</a>	<a href="#">COINTEC Core Metadata Application Profile v2.1</a>		
Houston	<a href="#">University of Houston Digital Library</a>	<a href="#">Metadata Dictionary</a>		
Louisville	<a href="#">University of Louisville Digital Collections</a>	<a href="#">COINTEC Cookbook</a>		
North Carolina	<a href="#">North Carolina Digital Collections</a>	<a href="#">NC ECHO Digital Core Implementation Guideline</a>		
Oregon	<a href="#">Oregon Digital</a>	<a href="#">Oregon Digital Metadata Dictionary</a>		<a href="#">Use of application</a>
Oregon	<a href="#">Oregon Digital Collections</a>	<a href="#">Digital Metadata Guidelines &amp; Emory data management and core data model</a>		
Parthenos project		<a href="#">Parthenos Project</a>		
South Carolina	<a href="#">South Carolina Digital Library</a>	<a href="#">Metadata Schema &amp; Guidelines version 2017</a>		
UNT	<a href="#">University of North Texas Digital Library</a>	<a href="#">Metadata Input Guidelines</a> <a href="#">Metadata Guidelines</a> <a href="#">Data Transfer</a> <a href="#">List of metadata dictionaries/application profiles of collections at University of Washington Libraries</a>		<a href="#">http://libguides.unt.edu</a>
Washington	<a href="#">University of Washington Libraries</a>	<a href="#">Metadata Schema &amp; Guidelines version 2017</a>		<a href="#">http://libguides.washington.edu</a>

See also guidelines of Phaidra Group

DPLA Resource Description & Access [https://www.dplola.org/](#) (Version 2017)

legend comparison\_repositories comparison\_RDA standar



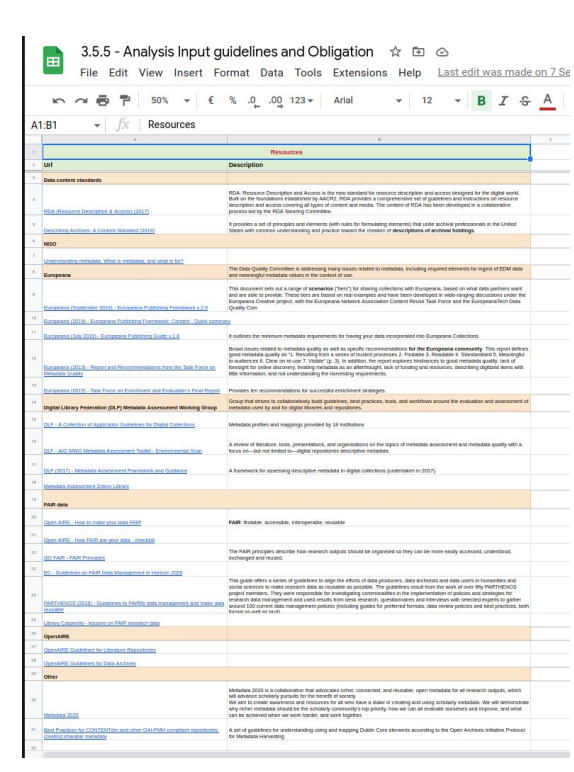
3.5.5 - Analysis Input guidelines and Obligation

File Edit View Insert Format Data Tools Extensions Help Last edit was made on 7 September 2020 by Phaidra Data Model

50% 123 v Default (Ari... 10 B I Z

A1 Element name Phaidra

Element name	Formal	URI	Example	Schema	Default	Required	Optional	Deprecated	Obsolete	Deprecated	Required	Optional	Deprecated	Obsolete
Collection														
Item														
Collection name														
Collection description														
Collection type														
Collection date														
Collection language														
Collection creator														
Collection identifier														
Collection access														
Collection rights														
Collection subject														
Collection publisher														
Collection contributor														
Collection sponsor														
Collection funding														
Collection funding number														
Collection funding organization														
Collection funding date														
Collection funding type														
Collection funding program														
Collection funding project														
Collection funding grant														
Collection funding award														
Collection funding contract														
Collection funding agreement														
Collection funding partnership														
Collection funding collaboration														
Collection funding joint venture														
Collection funding consortium														
Collection funding alliance														
Collection funding network														
Collection funding community														
Collection funding ecosystem														
Collection funding environment														
Collection funding landscape														
Collection funding ecosystem														
Collection funding environment														
Collection funding landscape														
Collection funding ecosystem														
Collection funding environment														
Collection funding landscape														



3.5.5 - Analysis Input guidelines and Obligation

File Edit View Insert Format Data Tools Extensions Help Last edit was made on 7 September 2020 by Phaidra Data Model

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
A1:B1 Resources

Resources	Description
DPLA Resource Description & Access	DPLA Resource Description and Access is the core standard for resource description and access developed by the digital world. Built on the foundations established by AACR2, it provides a comprehensive set of guidelines and instructions for metadata description and access covering all types of content and media. The project of DPLA has been developed as a collaborative project led by the RSCA Library Consortium.
DCMI Metadata Element Set	DCMI Metadata Element Set provides a set of properties and elements for describing resources that can be used to describe resources in the United States with consistent understanding and practice across the country.
DCMI Metadata Application Profile	The Data Quality Committee is addressing many issues related to metadata, including required elements for digital OAI data and meaningful metadata values in the context of OAI.
DCMI Metadata Dictionary	This document sets out a range of questions about the sharing of collections with Europeans, based on user data profiles and will be able to provide. These lists are based on real questions and have been developed in working discussions with the European Creative project with the European Metadata Dictionary Consortium. See also the European Creative Data Quality Core.
DCMI Metadata Cookbook	It defines the minimum metadata requirements for having your data represented in Europe's Creative Commons.
DCMI Metadata Guidelines	Based on the related to metadata quality as well as specific recommendations for the European Community. This report defines the minimum quality for a metadata file with an emphasis on a metadata file. It also includes a checklist of metadata quality. It is intended for use by a 'User' to see if their metadata is good enough to be used in the European Creative project with the European Metadata Dictionary Consortium. See also the European Creative Data Quality Core.
DCMI Metadata Guidelines	Provides an overview for metadata assessment and evaluation of the project.
DCMI Metadata Guidelines	On the basis of the related to metadata quality, this project defines the minimum quality for a metadata file with an emphasis on a metadata file. It also includes a checklist of metadata quality. It is intended for use by a 'User' to see if their metadata is good enough to be used in the European Creative project with the European Metadata Dictionary Consortium. See also the European Creative Data Quality Core.
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Metadata Access Rights Relationships Preview Feedback

Picture
  Audio
  Video
  PDF Document
  Other documents / Data
  Collection

Recommended formats: TIFF

File to upload \* 

You can use drag & drop

Type \*

learning object  
 map  
 photograph  
 slide  
 wall chart  
 other

Title \* Subtitle :

Description \* :

Keywords \* :

Role \* Firstname \* Lastname \* ORCID :

Subject (OFOS) \* :

Association \* :

License \* :

Add metadata field +

Terminology services ▾

Coverage ▾

Project ▾

Represented object ▾

Bibliographic metadata ▾

Save as template Upload

Title (deu)	<b>Incerta</b> Lehrmitteldia aus der Ethnographischen Sammlung des Instituts für Kultur- und Sozialanthropologie
Digitiser	<b>Jasmin Hilbert</b>
Description	Reproduktion eines Fotos auf einem in Glas gefassten Diapositiv, vom ehemaligen Institut für Völkerkunde angeschafft, Quelle unbekannt. Die Signatur und der Titel wurden für die digitale Archivierung neu vergeben.
Remark (deu)	eda – Ethnographisches Datenarchiv/UB Wien eda – Ethnographic Data Archive/Vienna University Library
Language	German [deu]
Persistent identifier	https://phaidra.univie.ac.at/o:1613865
Filename	ES_AS701.tif
MIME Type	TIFF [image/tiff]
License	All rights reserved
Rights statement (deu)	Universität Wien, Institut für Kultur- und Sozialanthropologie

Subject	
Title (deu)	<b>Incerta</b> Lehrmitteldia aus der Ethnographischen Sammlung des Instituts für Kultur- und Sozialanthropologie
Digitiser	<b>Jasmin Hilbert</b>
Condition (deu)	gut erhalten
Call number	ES_AS701
Depicted / Represented place	Asien [Asia]
Physical location	Ethnographische Sammlung des Instituts für Kultur- und Sozialanthropologie, Universität Wien
Technique (eng)	black-and-white photography
Technique (deu)	Reproduktion mit Pentax K-1 (TIFF 16 bit)
Width	8,5 cm
Height	8,5 cm

Start    Nutzungsbedingungen    Import    Rechte prüfen    Pflichtangaben    Opt. Angaben    Submit    Berechtigungen

Datei zum Hochladen  
You can use drag & drop

Titel

Autor\*in

Vorname    Nachname    ORCID

Universität Wien  
 ROR  
 Andere

Bitte auswählen

Version  
version of record (published version)

Die fertige (publierte) Version eines Textes, die von einer als Herausgeber fungierenden Organisation zur Verfügung gestellt und formal und definitiv als "veröffentlicht" deklariert wurde. Dies schließt eine "Vorab"-veröffentlichte Version, die förmlich als veröffentlicht bezeichnet ist, auch schon vor der Erstellung eines Zeitschriftenbandes bzw. -heftes und der Zurechnung zugehöriger Metadaten ein, sofern sie über (einen permanenten) Identifikator/in überbar ist. Dies schließt keine "Vorab-Version" ein, die noch nicht durch Prozesse "Zweit" wurde, die noch angewendet werden müssen, wie z. B. das Editieren, Korrekturlesen, Layout und Satz.

Erscheinungsdatum

Sprache

Inhaltssystem  
journal article

Ein Artikel zu einem bestimmten Thema, der in Heft einer Zeitschrift veröffentlicht wurde

Erschienen in

Titel

Band    Ausgabe    Erscheinungsdatum

Seitenanfang    Seitenende

ISSN


Zugriffrechte

Lizenz

zurück    weiter

**Titel** Game over: empower early career researchers to improve research quality

**Autor\*in**  Veronique De Herde  
UCLouvain

 Mattias Björnmalm  
Research and Innovation, CESAER

 Toma Susi  
Fakultät für Physik, Universität Wien

**Abstract** Processes of research evaluation are coming under increasing scrutiny, with detractors arguing that they have adverse effects on research quality, and that they support a research culture of competition to the detriment of collaboration. Based on three personal perspectives, we consider how current systems of research evaluation lock early career researchers and their supervisors into practices that are deemed necessary to progress academic careers within the current evaluation frameworks. We reflect on the main areas in which changes would enable better research practices to evolve; many align with open science. In particular, we suggest a systemic approach to research evaluation, taking into account its connections to the mechanisms of financial support for the institutions of research and higher education in the broader landscape. We call for more dialogue in the academic world around these issues and believe that empowering early career researchers is key to improving research quality.

**Stichwort** research evaluation research culture excellence open science look-ins  
pathways of change

**Objekt-Typ** journal article

**Sprache** English [eng]

**Persistent identifier** <https://phaidra.univie.ac.at/o:1613909>

**DOI** 10.1629/UKSG.548

**Erschienen in**

<b>Titel</b>	Insights the UKSG Journal
<b>Band</b>	34
<b>ISSN</b>	2048-7754
<b>Erscheinungsdatum</b>	2021

**Verlag** Ubiquity Press, Ltd.

**Version** version of record (published version)

**Erscheinungsdatum** 2021

**Zugänglichkeit** open access

**Lizenz** CC BY 4.0 International

**Rechteangabe** © 2021 Veronique De Herde, Mattias Björnmalm and Toma Susi

## Submit

**Titel**

**Titel (ita)**

**Parallel Titel (eng)**

**Schauspieler\*in**

**Regisseur**

**Produzent\*in**

**Produktion**

**Kameramann/frau**

**Produktionsleiter\*in**

**Musikalische/r Leiter\*in**

**Produzent\*in**

**Produktionsort**

**Drehbuchautor\*in**

**Drehbuchautor\*in**

**Schauspieler\*in**

**Beschreibung**

**Beschreibung (ita)**

**Beschreibung (eng)**

**Genre**

**Genre (eng)**

**Genre (eng)**

**Genre (eng)**

**Auszeichnung (eng)**

**Sprache**

**Persistent Identifier**

**Signatur**

**Produktionsdatum**

**Standort (deu)**

**Technik (eng)**

**Dauer**

**Metadaten**

**Titel**

**Autore**

**Genre**

**Form**


**Ort**

**Abstraktion**

**Region**

**Signatur**

## Anzeige



**Persistent Identifier** <https://phaidra-local.univie.ac.at/o/36030>

**Dateiname** [Scipione l'Africano.tif](#)

**MIME Typ** [TIFF \[image/tif\]](#)

**Lizenz** [Alle Rechte vorbehalten](#)

**md5** [dcd803948f5442e491e804379125aa](#)

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**Persistent Identifier** <https://phaidra-local.univie.ac.at/o/40926>

**Dateiname** [Scipione l'Africano.mkv](#)

**MIME Typ** [MKV \[video/matrroska\]](#)

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## ...und mehr.

FAIR data

EDA

Tengnagel

Bild Audio Video PDF Dokument Sonstige Dokumente / Daten Collection

Empfohlene Formate: TIFF

Datei zum Hochladen\*

Sie können Drag & Drop verwenden

Typ \*

- Diapositiv
- Fotografie
- Karte
- Lernobjekt
- Wandkarte
- sonstige

Titel\* Untertitel

Beschreibung \*

Sicherte \*

Rolle\* Vorname\* Nachname\* ORCID

Schlüsselwort (KIOS) \*

Organisationseinheit \*

Lizenz \*

Metadatenfeld hinzufügen +

Terminologiedienste

Geltungsbereich

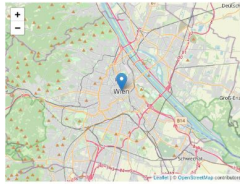
Zeltliche Abdeckung

Abgebildeter/Dargestellter Ort

Suchen:  
Wien

Vorschau Wien, Österreich

Wien	Österreich	capital of a political entity	
Wien	Österreich	first-order administrative division	
Flonndorf	Österreich	section of populated place	
Favoriten	Österreich	section of populated place	
Donaustadt	Österreich	section of populated place	



Projekt

Abgebildetes Objekt

Bibliographische Metadaten

Als Vorlage speichern Hochladen



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10.2478/cm-2021-0001









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Titel	Rota-Baxter operators and Bernoulli polynomials
Erscheinung sdatum	2021
Autor*innen	<b>Vsevolod Gubarev</b> University of Vienna , Oskar-Morgenstern-Platz 1, 1090 , Vienna , Austria & Sobolev Institute of Mathematics , Acad. Koptuyug ave. 4, 630090 Novosibirsk, Russia
Stichwörter	<input type="button" value="General Mathematics"/>
Sprache	eng
Erscheinung sform	article
Verlag	Centre pour la Communication Scientifique Directe (CCSD)
Erschienen in	Communications in Mathematics
ISSN	2336-1298
Band	29
Ausgabe	1
Start page	1
End page	14

METADATA IMPORT

SUCHE IMPORT OVERVIEW

The Three Musketeers

Poster	Titel	Originaltitel	Release date	Genre	Actions
	The Three Musketeers	The Three Musketeers	31.08.2011	Adventure, Action, Thriller	<input type="button" value="Load"/>
	Barbie and the Three Musketeers	Barbie and the Three Musketeers	15.09.2009	Animation, Family	<input type="button" value="Load"/>
	The Three Musketeers	The Three Musketeers	11.11.1993	Action, Adventure, Comedy	<input type="button" value="Load"/>
	The Three Musketeers	The Three Musketeers	19.10.1948	Action, Adventure, Drama, Romance	<input type="button" value="Load"/>
	The Three Musketeers	The Three Musketeers	11.12.1973	Adventure, Comedy, History	<input type="button" value="Load"/>
	Mickey, Donald, Goofy: The Three Musketeers	Mickey, Donald, Goofy: The Three Musketeers	04.08.2004	Adventure, Animation, Comedy, Family	<input type="button" value="Load"/>
	The Three Musketeers	The Three Musketeers	28.08.1921	Action, Adventure, Romance	<input type="button" value="Load"/>
	The Three Musketeers	The Three Musketeers	01.06.1992	Family, Animation, Adventure	<input type="button" value="Load"/>

METADATA IMPORT

SUCHE IMPORT OVERVIEW


Feld	Wert	Importieren?
Parallel titel	The Three Musketeers	<input checked="" type="checkbox"/>
Titel	The Three Musketeers	<input checked="" type="checkbox"/>
Schauspieler*in	Kiefer Sutherland	<input checked="" type="checkbox"/>
Schauspieler*in	Chris O'Donnell	<input checked="" type="checkbox"/>
Schauspieler*in	Oliver Platt	<input checked="" type="checkbox"/>
Schauspieler*in	Charlie Sheen	<input checked="" type="checkbox"/>
Schauspieler*in	Tim Curry	<input checked="" type="checkbox"/>
Schauspieler*in	Rebecca De Mornay	<input type="checkbox"/>
Schauspieler*in	Paul McGann	<input type="checkbox"/>
Schauspieler*in	Gabrielle Anwar	<input type="checkbox"/>
Schauspieler*in	Michael Wincott	<input type="checkbox"/>
Schauspieler*in	Julie Delpy	<input type="checkbox"/>
Drehbuchautor*in	David Loughery	<input checked="" type="checkbox"/>
Kameramann/frau	Dean Semler	<input checked="" type="checkbox"/>
Produzent*in	Roger Birbaum	<input checked="" type="checkbox"/>
Musikalisches/r Leiter*in	Michael Kamen	<input checked="" type="checkbox"/>
Produktionsleiter*in	Stephen Herek	<input checked="" type="checkbox"/>
Produzent*in	Joe Roth	<input checked="" type="checkbox"/>
Autor*in	Alexandre Dumas	<input checked="" type="checkbox"/>
Genre	action	<input checked="" type="checkbox"/>

# Staging

Book UI - Sandbox
Med\_Nationale\_Ao\_Hörer\_SS\_1903\_A-Z

Med\_Nationale\_Ao\_Hörer\_SS\_1903\_A-Z (91 Images) 09/22/2022 13:59 +

- Einband\_1 (2 Images) 09/22/2022 13:54
- B (2 Images) 09/22/2022 13:55
- C (2 Images) 09/22/2022 13:55
- D (1 Image) 09/22/2022 13:55
- E (2 Images) 09/22/2022 13:55
- F (2 Images) 09/22/2022 13:56
- G (4 Images) 09/22/2022 13:56
- H (3 Images) 09/22/2022 13:56
- I/J (11 Images) 09/22/2022 13:57
- K (8 Images) 09/22/2022 13:57
- L (11 Images) 09/22/2022 13:57
  - AT-UAW\_Med\_Nat\_Ao\_Hörer\_SS\_1903\_A-Z\_38.jpg
  - AT-UAW\_Med\_Nat\_Ao\_Hörer\_SS\_1903\_A-Z\_39.jpg
  - AT-UAW\_Med\_Nat\_Ao\_Hörer\_SS\_1903\_A-Z\_40.jpg
  - AT-UAW\_Med\_Nat\_Ao\_Hörer\_SS\_1903\_A-Z\_41.jpg
  - AT-UAW\_Med\_Nat\_Ao\_Hörer\_SS\_1903\_A-Z\_42.jpg
  - AT-UAW\_Med\_Nat\_Ao\_Hörer\_SS\_1903\_A-Z\_43.jpg
  - AT-UAW\_Med\_Nat\_Ao\_Hörer\_SS\_1903\_A-Z\_44.jpg



The grid displays 11 document thumbnails arranged in three rows. The first row has 4 thumbnails, the second row has 4, and the third row has 3. Each thumbnail is a scan of a document page with a header and various sections of text. Below each thumbnail is a small grey label with the filename, such as "...1903\_A-Z\_38.jpg".

Phaidra Book UI | Universität Wien | Universitätsring 1 | 1010 Wien | T. +43-1-4277-0

Create Metadata Templates Save

### General metadata

Resource type

Title: Nationale der Studierenden (außerorden) Subtitle: Language: G...

### Contribution

Role: Uploader  Personal  Corporate

Firstname: Marzella Lastname: Bauer

Type of identifier: Identifier:

University of Vienna  ROR  Other Please choose affiliation

Description: Nationale mit den Namen aller Studierenden (außerordentliche Hörer) der Medizinischen Fakultät (Buchstaben M-Z) im Wintersemester 1889/90.  
Signatur im Archiv der Universität Wien: Med. Nat. Ao. 13

Language: German

License: CC BY-NC-ND 4.0 International

# Uploadscript

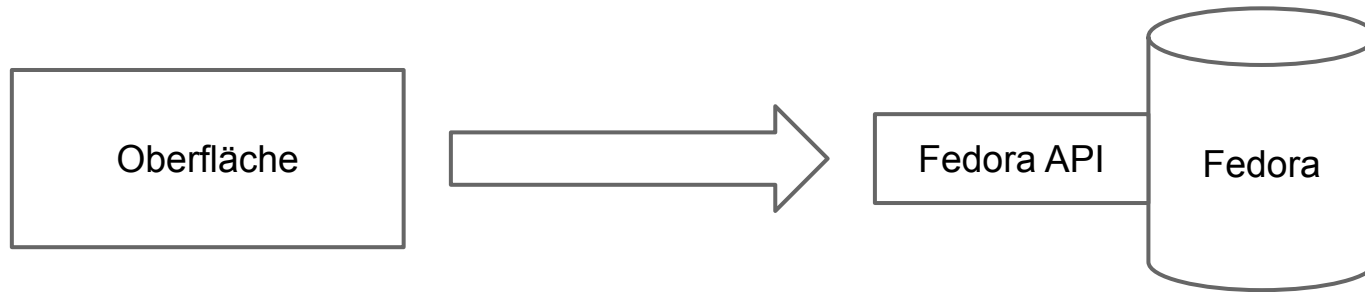
```
import fieldslib from 'phaidra-vue-components/src/utils/fields'  
import jsonld from 'phaidra-vue-components/src/utils/json-ld'  
import vocutils from 'phaidra-vue-components/src/utils/vocabulary'
```

```
let metadata = { 'metadata': {} }  
const digFields = []  
const form = {  
  sections: [  
    {  
      title: 'container-dig',  
      type: 'digitalobject',  
      id: 1,  
      fields: digFields  
    }  
  ]  
}
```

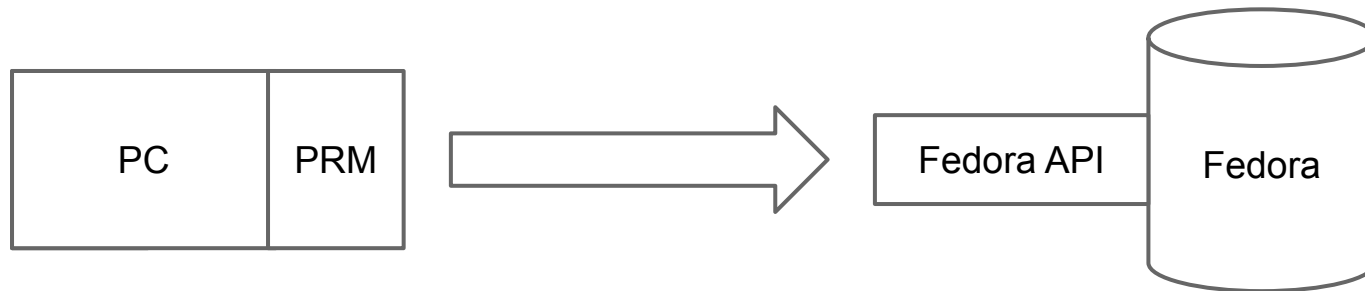
```
if (o['Beschreibung der Arbeit']) {  
  f = fieldslib.getField('description')  
  f.language = 'deu'  
  f.value = o['Beschreibung der Arbeit']  
  digFields.push(f)  
}
```

```
metadata['metadata']['json-ld'] = jsonld.containerForm2json(form)
```

# Evolution



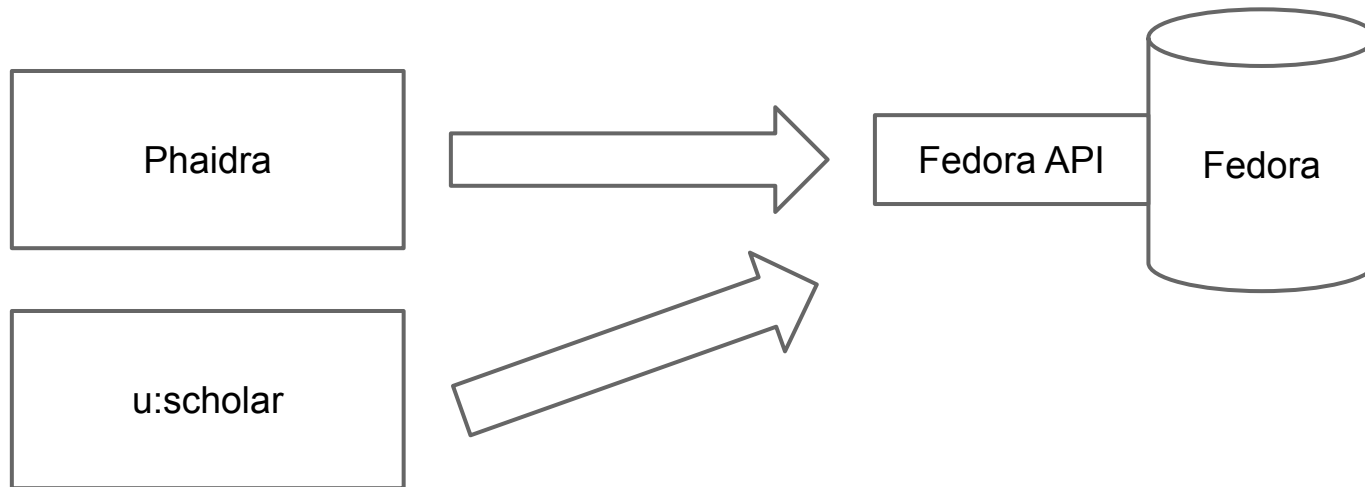
# Evolution



PC - Phaidra Components

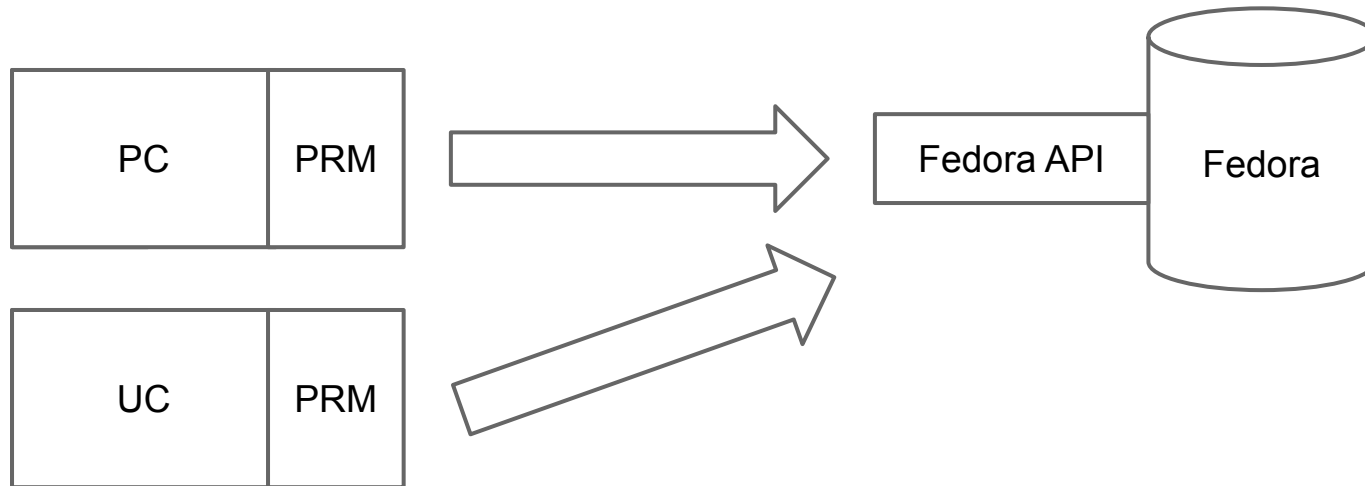
PRM - Phaidra Repository Model

# Evolution

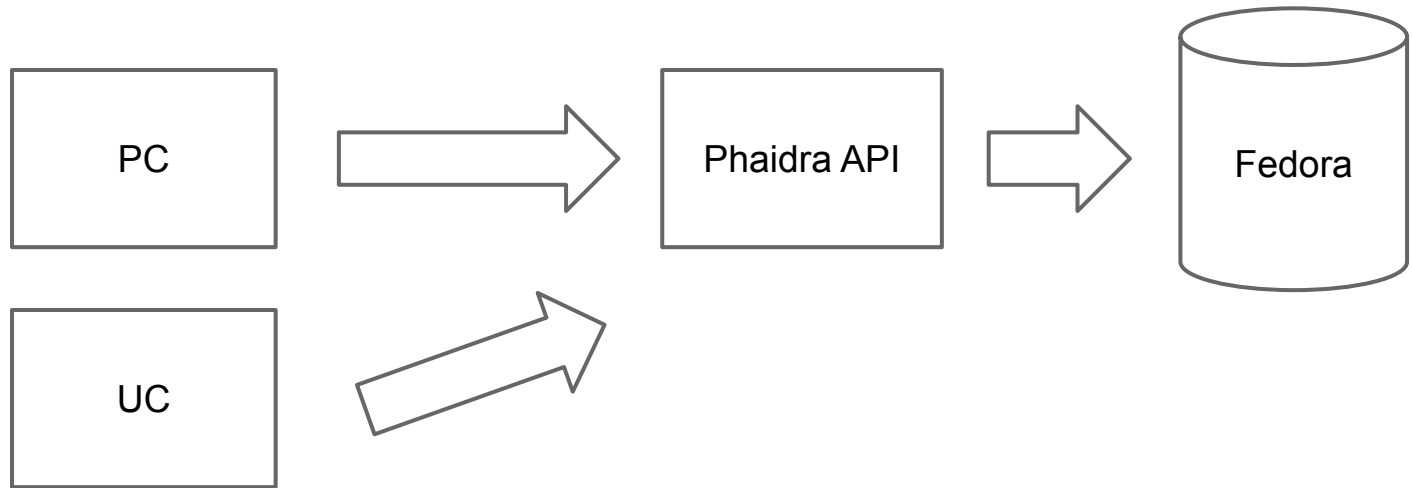




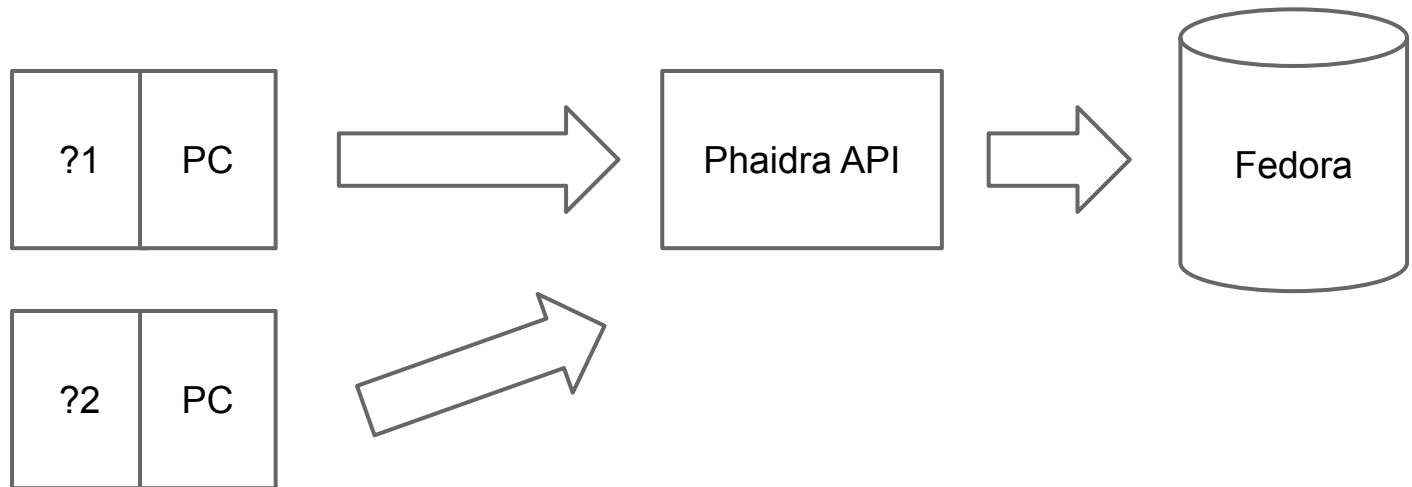
# Evolution



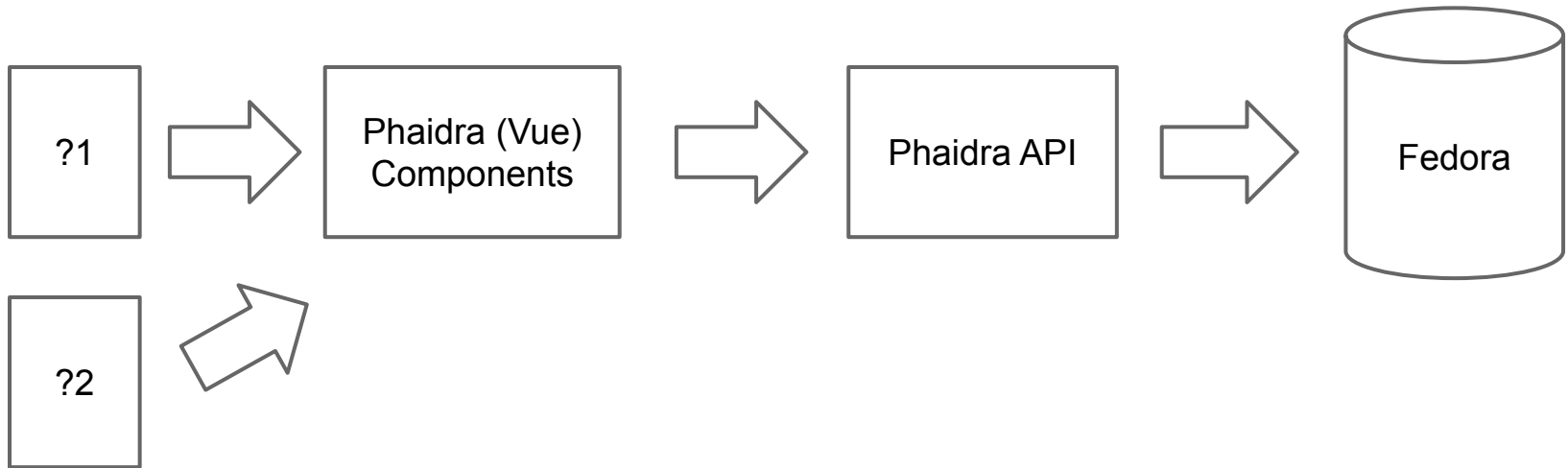
# Evolution



# Evolution



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# Vielen Dank!

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