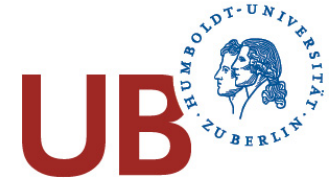


eDissPlus

Electronic Dissertations Plus Research Data

Niels Fromm | ETD 2018

University Library of Humboldt-Universität zu Berlin



Branch Library for Natural Sciences
Photo: Fr. Kühnlenz

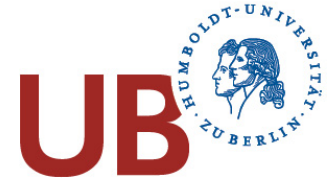
Working Group Electronic Publishing

DFG-Project "eDissPlus"

Niels Fromm

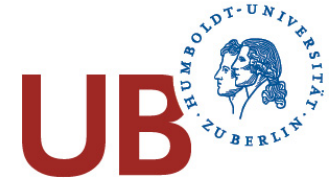
fromm@hu-berlin.de

Agenda



- Electronic thesis and dissertations at the Humboldt-University Berlin
- Results of the eDissPlus project:
 - Data Modell for dissertations with research data
 - Publication of dissertations with research data on DSpace
 - Workflow for transfer to German national Library
- Unexpected use of the reference features

Working Group "Electronic Publishing"



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Dokumentenserver der Humboldt-Universität zu Berlin



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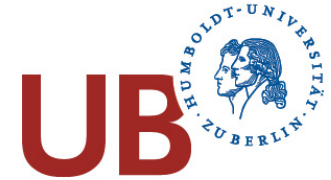
[Stochastic Programming E-print Series \(SPEPS\)](#)

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Snapshot
dohost.rz.hu-berlin.de
archive.org 05.12.1998

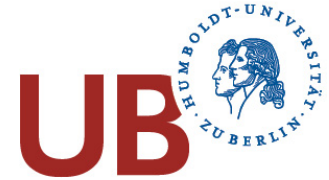
- In 1997 the Humboldt-University was among the first Universities in Germany to give its students the option of publishing an electronic version of their thesis or dissertation

Working Group “Electronic Publishing”



- Working Group Electronic Publishing was founded 1999 as joint endeavor of the Computing Centre and the University Library - employees from the Computing Centre and the Library are working together
- Responsible for the Institutional Repository of the Humboldt-University
- Long term preservation and long term availability of the published documents were topics from the start. We guarantee that the published documents will be available for at least 5 years.
- Focus is the free and unrestricted access to all documents published on the edoc-Server -> Open Access

DFG-project: eDissPlus



Idea:

- Start with research data management and publication service for graduate students (small enough amount of authors and data and wide range of different soft and hard sciences)

Goals:

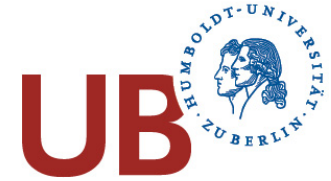
- Publication and archiving of dissertations with related research data
- Advisory service and support for archiving and publishing research data
- Workflow development for:
 - Content and metadata ingestion
 - Content and metadata export to the German National Library

Project partner:

- German National Library (DNB)

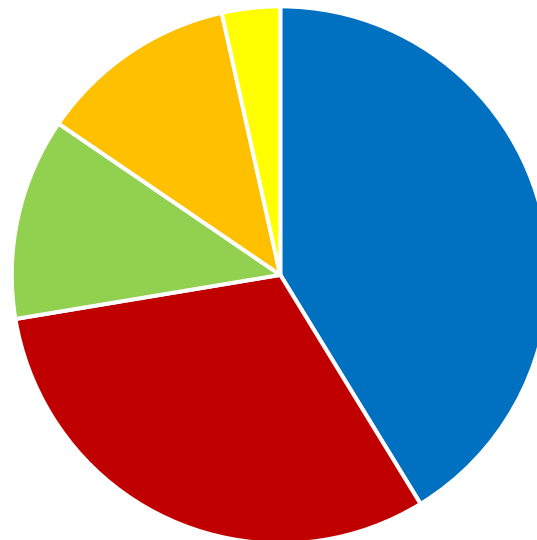
Start: May 2016 (2 years)

Electronic Thesis



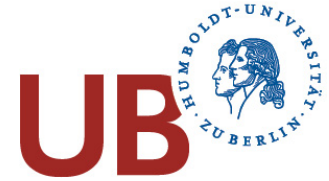
Year	Electronic	Publisher	Paper	Micro Fiche + Paper	Habilitation	Total	% edoc
2012	184	205	39	41	14	483	38,10
2013	251	188	44	67	23	573	43,80
2014	211	191	38	82	13	535	39,44
2015	250	209	31	88	15	593	42,16
2016	304	187	27	81	17	616	49,35
2017	224	169	66	65	19	543	41,25

2017



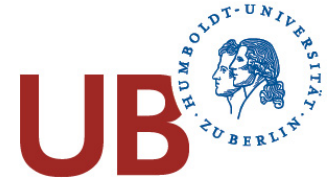
■ Electronic ■ Publisher ■ Paper ■ Micro Fiche + Paper ■ Habilitation

Requirement analysis



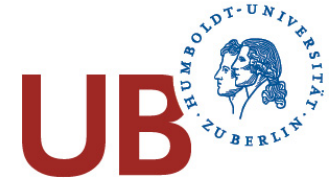
- Research data publication not needed for thesis and therefore not an issue for many students
- No rules and regulations for research data management
- Research data management has higher priority than research data publication
- Research data management in data intensive disciplines often handled within the existing research structures
- Still many open legal questions and concerns regarding the publication of research data
- Researchers often want control over reuse of their own research data rather than open research data
- Research data publication often independent from publication of thesis

Expectations of researchers



- Personal contact / service
- Easy to use services from the University
- Support on research data management and for the publication
- Control over reuse or dissemination of their own research data rather than open research data
- Legal council (e.g. data privacy, intellectual property, licensing,..)
- High visibility of their research data publication
- PID for citation of their publication
- Long term preservation of their publication

edoc Server



HUMBOLDT-UNIVERSITÄT ZU BERLIN



edoc-Server

Open-Access-Publikationsserver der Humboldt-Universität

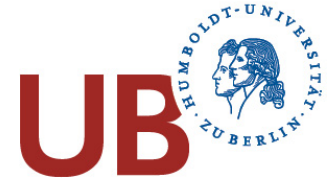
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All of edoc-Server	<input type="text" value="Search"/>	<input type="button" value="Q"/>
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Help	Forschungsdaten	
	Historische Bestände	
	Qualifikationsarbeiten	
	Schriftenreihen und Sammelbände	
Institution	Tagungs- und Konferenzbände	

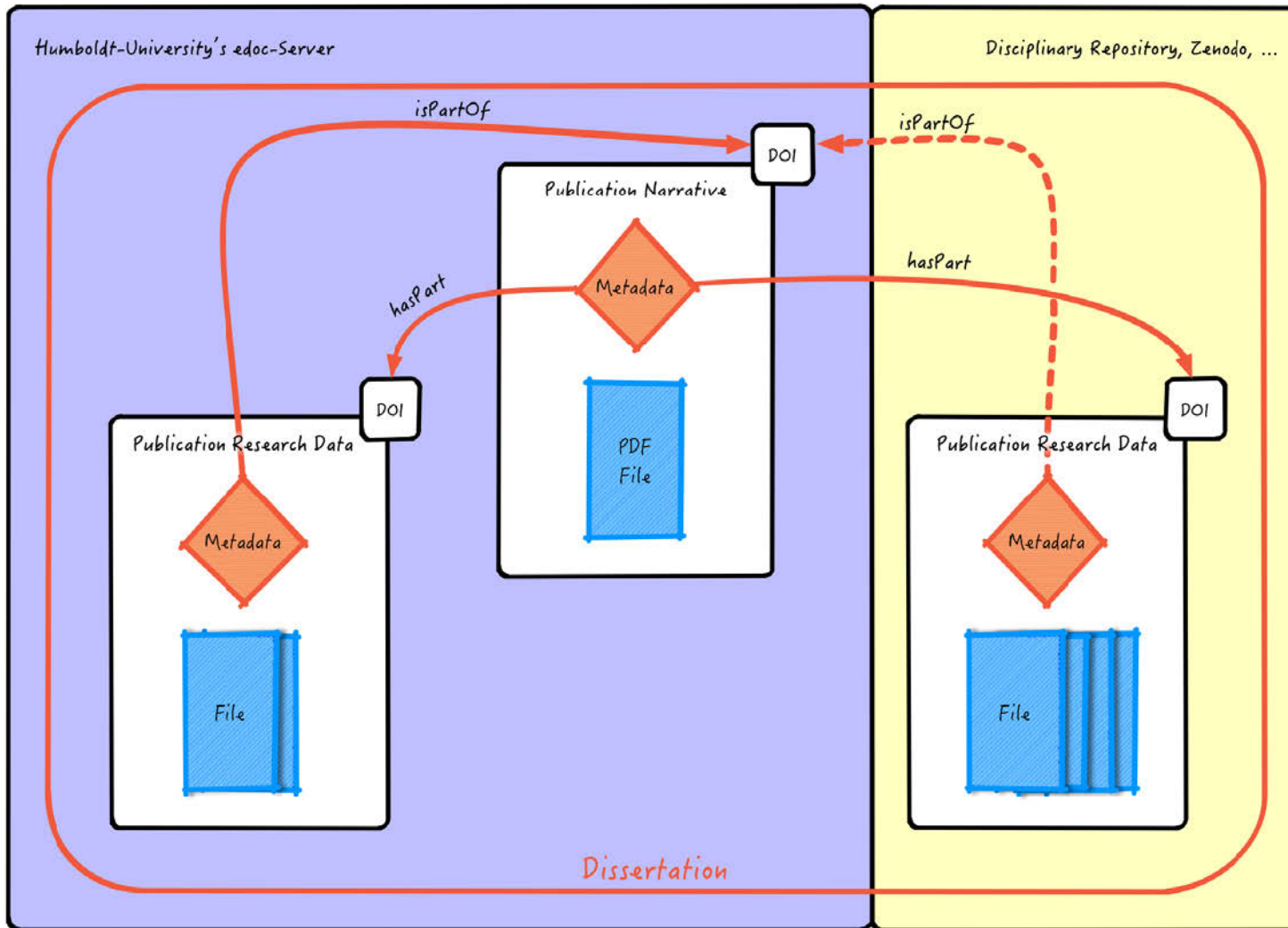
edoc-Server (HU)
<https://edoc.hu-berlin.de>

Data Modell (eDissPlus)

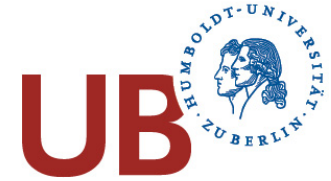


- Not a (complex) container format with everything inside
- But persistent identifier linking in metadata
 - Using DOI and
 - `dc.relation.hasPart`
 - `dc.relation.isPartOf`

Data Modell (eDissPlus)



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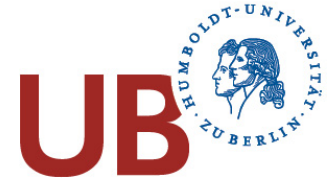
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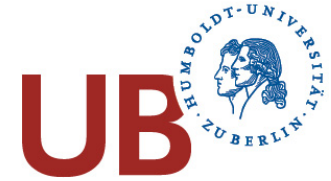
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Item view research data



Files in this item

Peloridium_hammoniorum_call.wav — WAV audio — 583.6 Mb

Multiple calls of the Peloridiidae species *Peloridium hammoniorum*

MD5: f21c1e696663aefd10eb8e8c2f8530e9

 This file is embargoed.

Notes

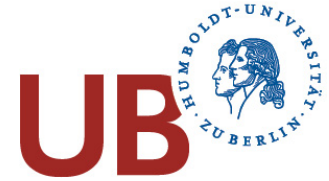
Recorded at room temperature on 02.04.2014, ca. 12:47-14:46 in Berlin, Germany; in the dark acoustics chamber with the door closed. Polytec PDV100 vibrometer and a Roland digital recorder (sampling rate: 44100 Hz, bit depth: 16 bit), settings: Velo = 20, LP = 22, HP = Y. Male and female, collected by the author at Estacion Biologica Senda Darwin (Ancud, Isla Grande de Chiloé, Region X, Los Lagos, Chile), at the location "Makropter" in February 2014. Specimens kept in a small (ca. 7x7x4 cm) closed plastic dish on their native moss *Polytrichadelphus magellanus*; moss was wet. The vibrometer laser beam was sent through the plastic lid of the dish and reflected from a piece of a foil glued to the moss plant where the specimens were sitting.

References

Is Part Of: <https://doi.org/10.18452/19405>

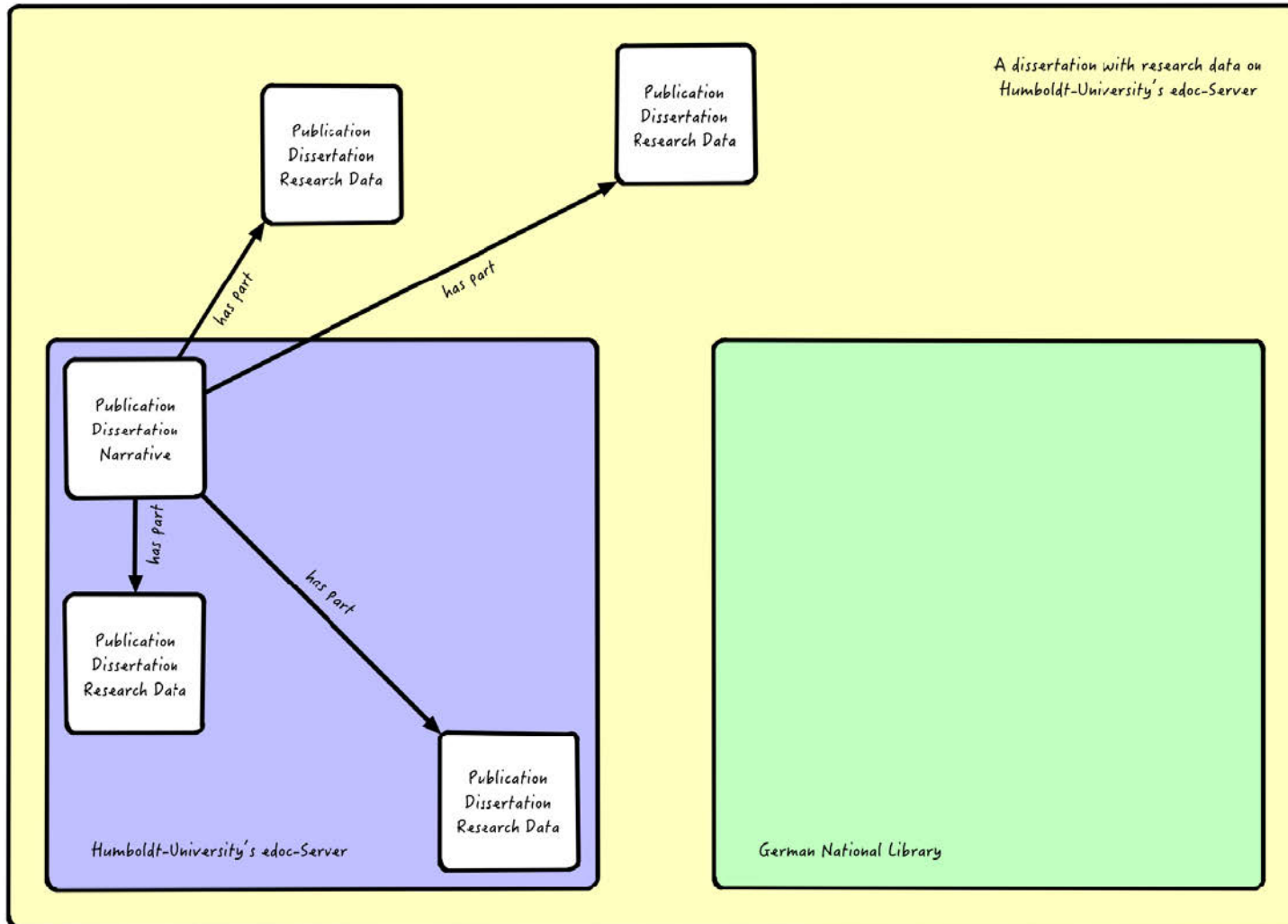
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Transfer to National Library

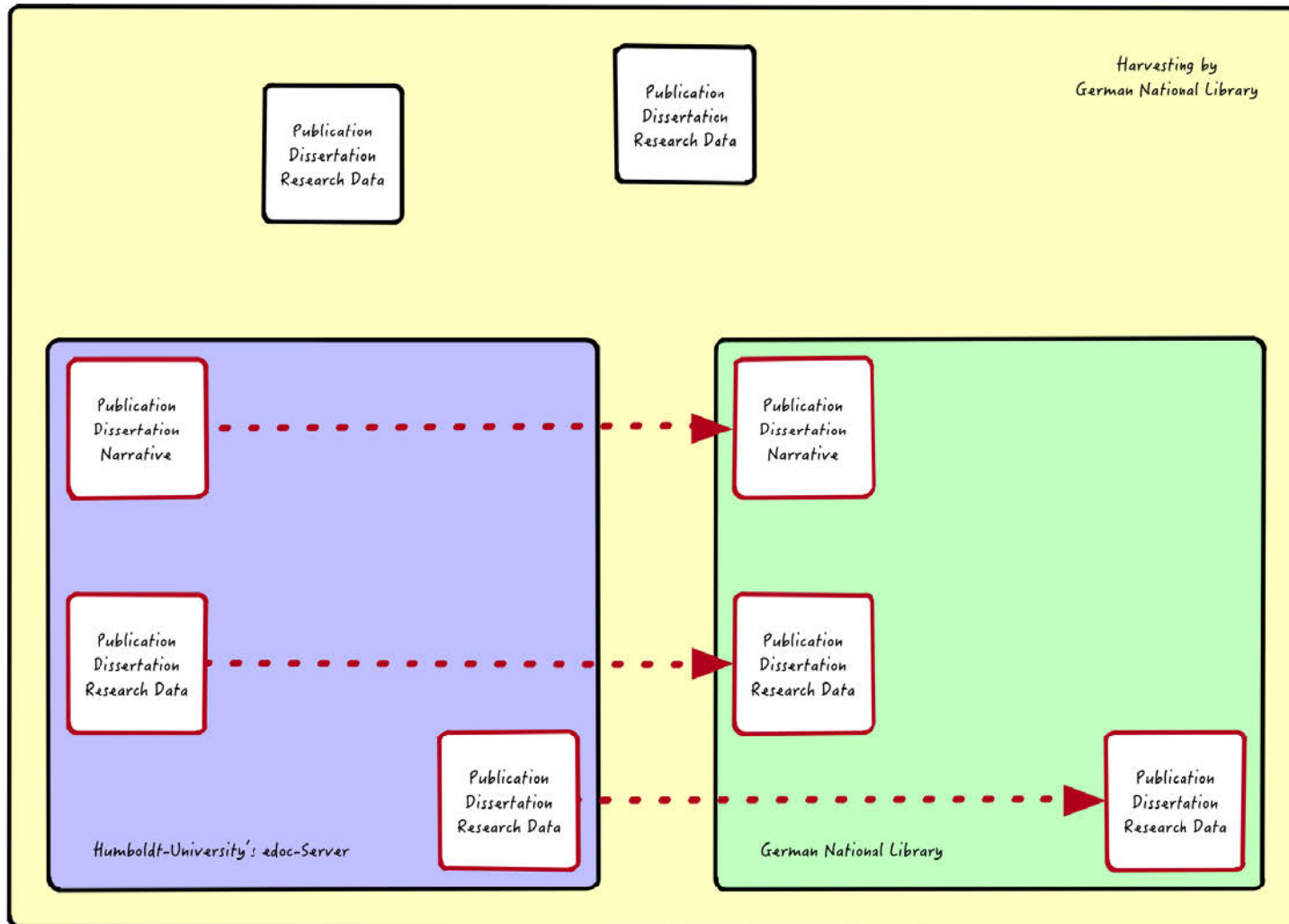


- DNB harvests dissertations (and any other OA text publication from our server) via OAI-PMH with two OAI-Sets:
 - Text publications
 - Dissertation related research data (not any data)
- Harvesting will be done with the enhanced xMetaDissPlus 2.3 metadata format (XML-schema)
 - <ddb:relatedIdentifier>
 - <ddb:license>
- All references will be added to the metadata of the dissertation but only research data hosted by German universities gets copied to the national library

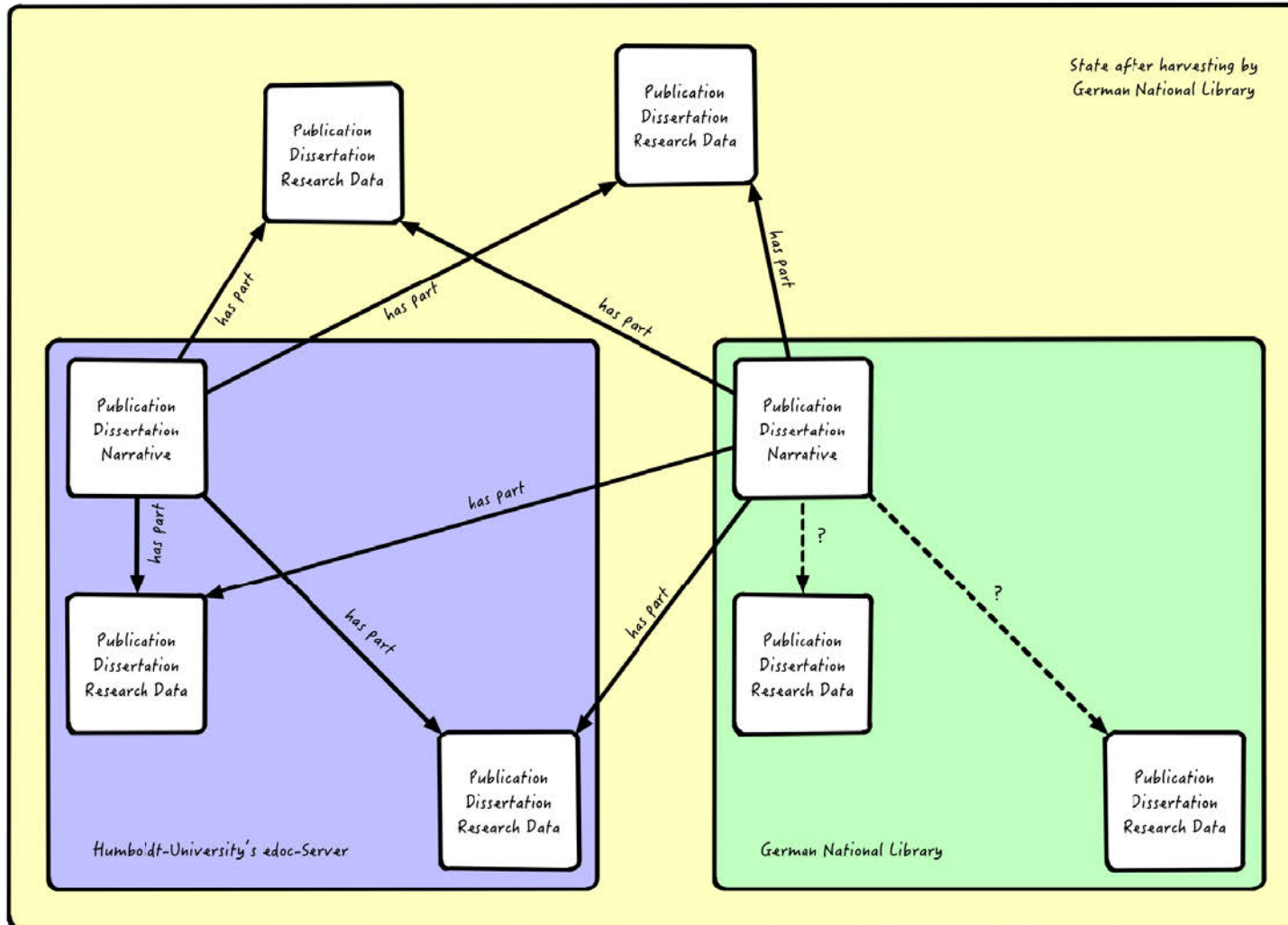
Electronic dissertation plus



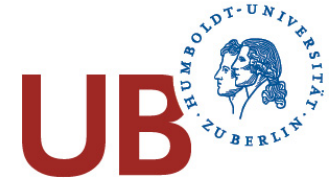
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Things still to do..



Other use..



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2018-08-30 **Kumulative Dissertation** **DOI: 10.18452/19368**

Landsat derived land surface phenology metrics for the characterization of natural vegetation in the Brazilian savanna

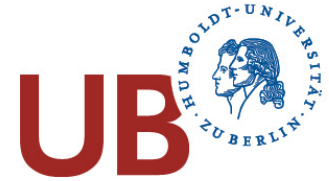
Schwieder, Marcel

Mathematisch-Naturwissenschaftliche Fakultät

Die Brasilianische Savanne, auch bekannt als der Cerrado, bedeckt ca. 24% der Landoberfläche Brasiliens. Der Cerrado ist von einer einzigartigen Biodiversität und einem starken Gradienten in der

edoc-Server (HU)
<https://doi.org/10.18452/19368>

Other use..



Dateien zu dieser Publikation

dissertation_schwieder_marcel.pdf — PDF — 4.892 Mb

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Referenzen

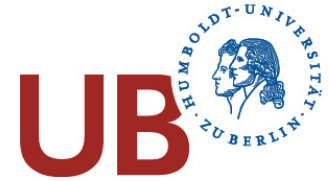
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Has Part: <https://doi.org/10.1186/s13021-018-0097-1>

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<https://doi.org/10.18452/19368>

**Thank you very much
for your attention!**

References



eDissPlus Project Website: <https://www2.hu-berlin.de/edissplus/>

xMetaDissPlus Schema: <http://www.dnb.de/DE/Standardisierung/Metadaten/xMetadissPlus.html>

Deutsche Nationalbibliothek (Hg.) (2017): Policy der Deutschen Nationalbibliothek für dissertationsbezogene Forschungsdaten. Frankfurt am Main, Version 1.1, Stand 11.08.2017 URN: <urn:nbn:de:101-2017092701>

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Kaden, Ben & Kleineberg, Michael (2018). Guidelines zur Veröffentlichung dissertationsbezogener Forschungsdaten. Version 1.0. Humboldt-Universität zu Berlin. DOI: [10.18452](https://doi.org/10.18452)

Kaden, Ben (2018) Warum Forschungsdaten nicht publiziert werden, LIBREAS. Library Ideas, 33 (2018), DOI: [10.18452/19284](https://doi.org/10.18452/19284)

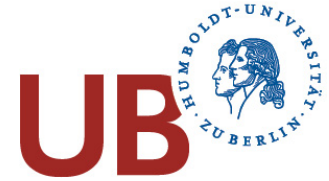
Weisbrod, Dirk (2018): Pflichtablieferung von Forschungsdaten. In: Dialog mit Bibliotheken 2018,1. DOI: <urn:nbn:de:101-20180306195>

Fenner, M. et al. (2016) Thor: Conceptual Model Of Persistent Identifier Linking. Zenodo, DOI: [10.5281/zenodo.48705](https://doi.org/10.5281/zenodo.48705)

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GitHub Guides: Making Your Code Citable (2016), <https://guides.github.com/activities/citable-code/>

Contact



Niels Fromm

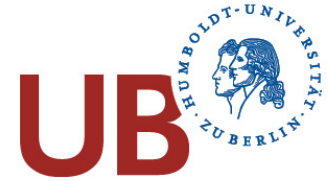
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