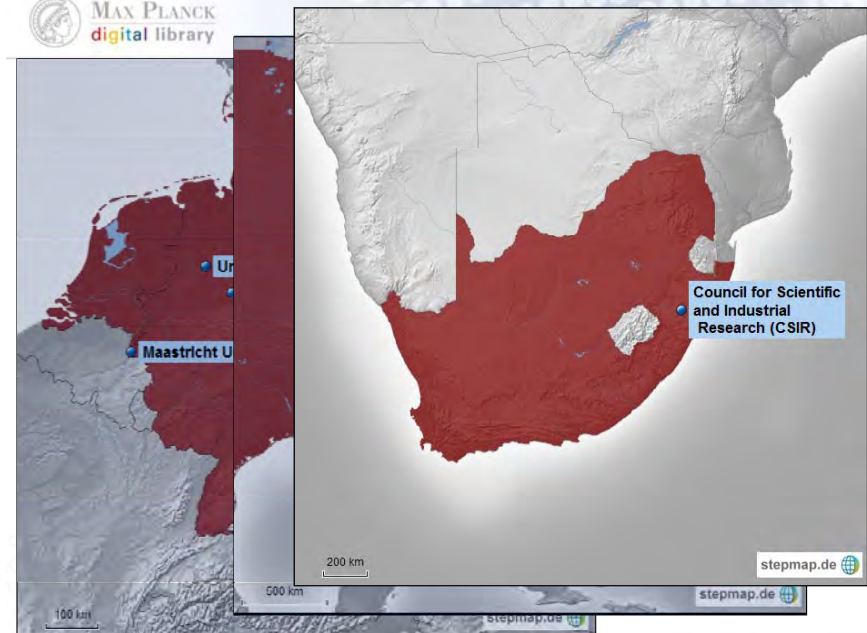
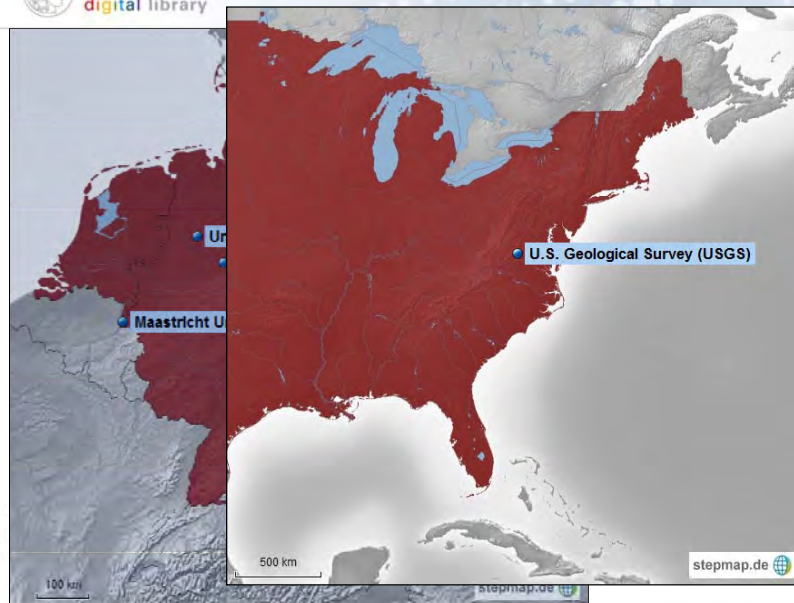


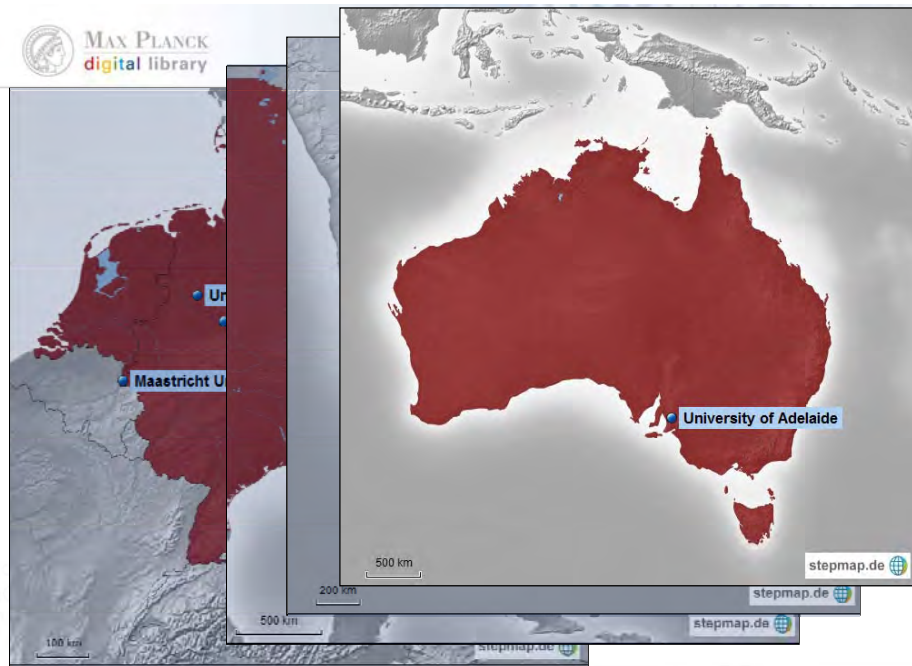
Application of eSciDoc in eResearch Environment in Science and Technology

Malte Dreyer

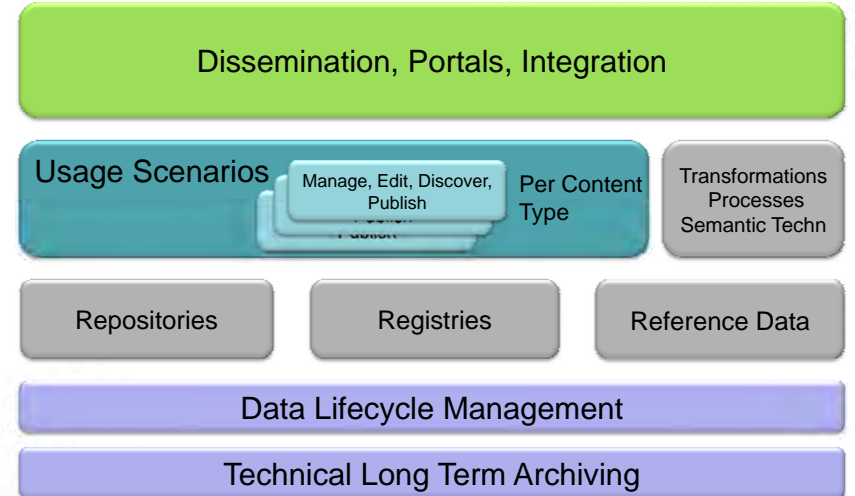


eSciDoc:
Update on newly
interested
organizations





Architecture



PubMan is just one part of eSciDoc...

- Virtual Remote Laboratories
- Image Management
- Managing Digitized Resources
- Text Technology
- XML Processing
- Data Management
- Named Entities
- Mechanical Engineering
- Scientific Metadata Editor
- Loading of Publisher Contents
- Portal Integration

Publication Infrastructure

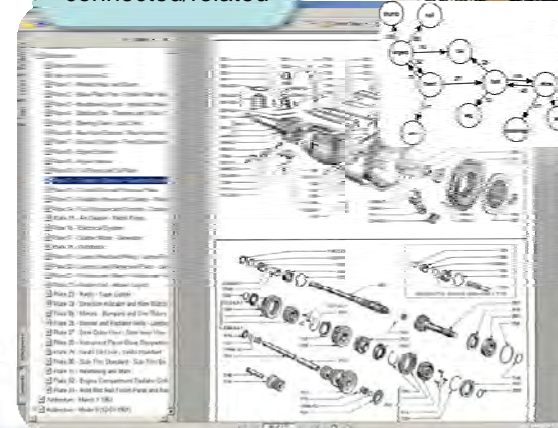


Keep output and artifacts safe and well managed



Repositories

Manage the components and constituent parts and how they are connected/related



Registries

Connect to well maintained and QA approved masterdata



Reference Data

General Architecture

Dissemination, Portals, Integration

Usage Scenarios

Manage, Edit, Discover, Publish

Per Content Type

Transformations Processes Semantic Techn

Repositories

Registries

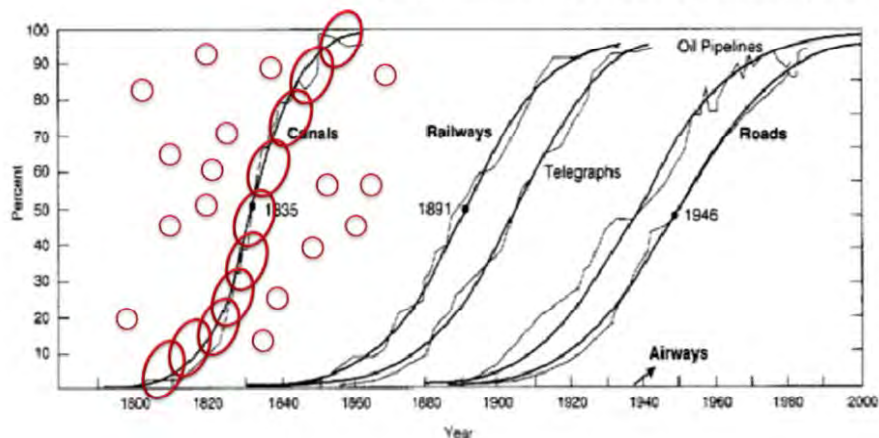
Reference Data

Data Lifecycle Management

Technical Long Term Archiving

Infrastructure Evolves Over Decades, Not Years

reproduced from Grübler and Nakićenoviãc, 1991



M. Dreyer

Data Description

Show Map | G

Citation: Spielhagen, Robert F (2003): Documentation of sediment core PS59/287-3. Alfred Wegener Institute, Bremerhaven - Polarstern core repository, doi:10.1594/PANGAEA.115663

Reference(s): Thiede, Jörn; et al (2002): POLARSTERN ARKTIS XVII/2 Cruise Report: AMORE 2001 (Arctic Mid-Ocean Ridge Expedition). *Berichte zur Polar- und Meeresforschung (Reports on Polar and Marine Research)*, 421, 390 pp, hdl:10013/epic.10426

Project(s): Paleoenvironmental Reconstructions from Marine Sediments @ AWI (AWI_Paleo)

Coverage: Median Latitude: 86.481700 * Median Longitude: 73.925000 * South-bound Latitude: 86.478333 * West-bound Longitude: 74.193333 * North-bound Latitude: 86.480000 * East-bound Longitude: 74.298333

Date/Time Start: 2001-09-11T20:53:00 * **Date/Time End:** 2001-09-11T20:53:00

Minimum Elevation: -3822.0 m * **Maximum Elevation:** -3822.0 m

Event(s): PS59/287-3 * Latitude Start: 86.480000 * Longitude Start: 74.193333 * Latitude End: 86.478333 * Longitude End: 74.298333 * Date Start: 2001-09-11T20:53:00 * Date/Time End: 2001-09-11T21:45:00 * Elevation Start: -3822.0 m * Elevation End: -3822.0 m * Resolution: 2.63 m * Campaign: ARK-XVII/2 (PS59 AMORE) * Basis: Polarstern * Device: Gravity corer * Comment: Gravity Corer, He Probe/2.63 m sediments, HF successful

License: Creative Commons Attribution 3.0 Unported

Size: unknown



Datasets listed in this Collection

1. Sprovieri, R; Hasegawa, S (1990): (Table 2) Plio-Pleistocene benthic foraminifera of ODP Hole 107-654A. doi:10.1594/PANGAEA.754991
2. Sprovieri, R; Hasegawa, S (1990): (Table 3) Plio-Pleistocene benthic foraminifera of ODP Hole 107-653A. doi:10.1594/PANGAEA.754992
3. Sprovieri, R; Hasegawa, S (1990): (Table 4) Plio-Pleistocene benthic foraminifera of ODP Hole 107-652A. doi:10.1594/PANGAEA.754993

EU/U.S. Roadmap to Measuring the Results of Investments in Science:

- 1. Aligning efforts toward the development and implementation of (i) automated systems for the collection of standardized and validated data, and (ii) tools for the analysis of this data to determine the effects of science and technology investments.
- 2. Collaborative international scholarly research efforts in support of the Science of Science and Innovation Policy.
- 3. Aligning the efforts of global funding agencies to support a common institutional framework for the Science of Science and Innovation Policy
- 4. The recommended implementation of complementary data driven approaches, [...], to document the results of science investments in both the European Union and the U.S.

M. Dreyer

eSciDoc Strengths

Dissemination, Portals, Integration

Usage Scenarios

Manage, Edit, Discover, Publish

Per Content Type

Transformation Processes
Semantic Techn

Repositories

Registries

Reference Data

Data Lifecycle Management

Technical Long Term Archiving

M. Dreyer

Service Components



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
	y	m	o	B	B	B	B	B	B	E	E	E	E	C	C	P	P	E
	e	o	n	a	a	a	a	a	a	p	p	p	p	e	e	a	a	c
	a	n	t	e	e	e	e	e	e	n	n	r	r	d				
	r	h	h	v	v	r	r	r	r	o	o	o	o	u	u	s	s	s
	i	h	h	r	r	o	o	o	o	h	h	h	h	t	t	u	u	u
				m	m	m	m	m	m	f	f	f	f	m	m	m	m	m
1																		
122	1974	5	1															
123	1974	5	2	4		3	1											
124	1974	5	3		1	3	2											
125	1974	5	4															
126	1974	5	5	6	8	3	5											
127	1974	5	6			2	2											
128	1974	5	7	15	11													
129	1974	5	8	1		1												
130	1974	5	9	16	15	11	7											
131	1974	5	10	2	3	7	6											
132	1974	5	11	13	11	8	5											
133	1974	5	12															
134	1974	5	13	13	11	7	2											
135	1974	5	14	2	3	1												
136	1974	5	15	3	2	2												
137	1974	5	16	18	8	1	1											
138	1974	5	17	7	4		1											
139	1974	5	18	28	11													
140	1974	5	19															
141	1974	5	20	19	10													
142	1974	5	21	11	5	1												
143	1974	5	22	9	4													
144	1974	5	23	9	6													
145	1974	5	24	13	2													
146	1974	5	25															
147	1974	5	26	6	1													



imeji

ホーム 画像一覧 コレクション一覧 アルバム一覧

コレクショントップページ 画像一覧 コレクションのメタデータ

並び順: Creation Date

24 件を表示

ページ: 1 / 1

閲覧履歴: コレクション一覧 / Collection id 968 / コレクション画像一覧 id 968 / Collection id 34 / コレクション画像一覧 id 34 /

全画像 (23)

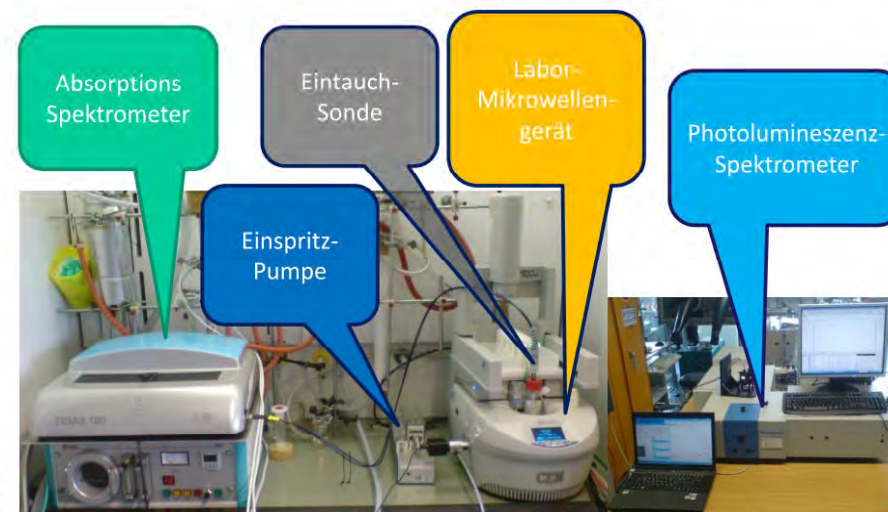
mtp1.JPG xe2.JPG udd1.jpg Zn5.jpg cone1.jpg

cbed1.jpg br5.jpg br4.jpg br3.jpg br1.jpg 4143.jpg

eLabs (in Development)

Objects Managed

Study	Aggregation of Investigations
Investigation	Single run of experiment
Plan	Describes procedure
Rig	Aggregation of instruments
Instrument	Model of a real world device



eSciDoc PROJECT

Logout

Not Filtered Filter

Studies

- Studies:
 - Gezieltes ändern der magnetis

Instruments

Rigs

Execution Plan

Add an Investigation:

Identifier: H-45211

Title: Blutbindungsentröklapen

Description: Hämoglobin bindet im menschlichen Körper den Sauerstoff und transportiert ihn im Blut dahin, wo er benötigt wird. Das Hämoglobinmolekül besteht aus vier Porphyrinmolekülen, die je ein Eisen-Atom enthalten, an das sich der Sauerstoff binden kann. Doch Porphyrinmoleküle können auch interessante magnetische Eigenschaften haben, wie Experimente an Molekülen gezeigt

Status: APPLIEDFOR

Motivating Publications:

Investigators:

Operator: configuration

Execution Plan: EP-15142

Rigs: R-5227

We have seen so many great platforms come and go...

- Funding of eSciDoc project ended 2009
- Developments continued with same pace since then
- Usage and number of projects around eSciDoc increases
- MPS and FIZ are strongly committed to eSciDoc as a strategic platform and contribute substantial capacities

End

Thanks for Your Attention !