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FIND, ACCESS, AND R





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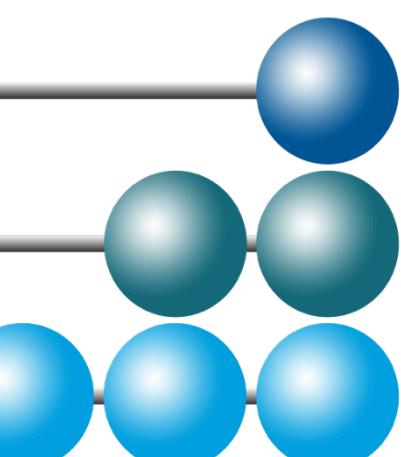
Daniella Lowenberg
California Digital Library



Dave
Data

In partnership with:

Lorraine Estelle, Project COUNTER
Paul Needham, Project COUNTER



History & Project Goal

ng Data
nt
- 2015



Award Abstract #1448821

Making Data Count: Developing a Data Metrics Pilot

Making Data Count survey responses

Kratz, John

Strasser, Carly

Publication date: March 25, 2015

Comment | [OPEN](#)

Making data count

John E. Kratz & Carly Strasser



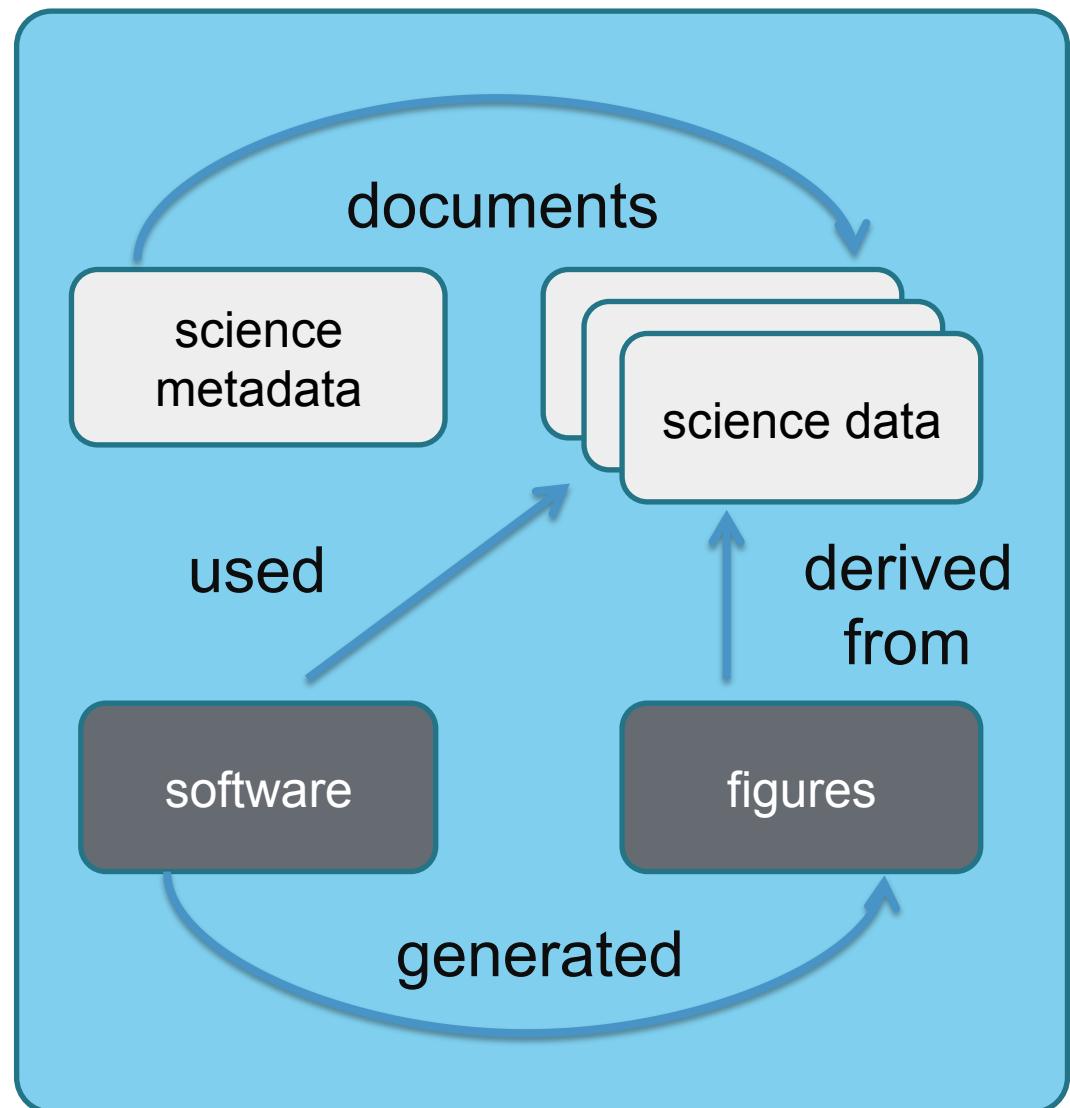
PLOS



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Package



“

Majorities of both researchers and data managers ranked landing page views as the least interesting metric. Researchers consistently ranked downloads as the second most interesting, while data managers (who were given a longer list to rank) put them in the middle. Resoundingly, both researchers and data managers measure scholarly prestige in citations; 85% of researchers and 61% of data managers ranked citations as the most interesting metric. This ordering—viewing, downloading, citing—is consistent with the results our previous researcher survey⁴. It

ng Data
nt 2016



Journal Articles

Currency of research

ALMS (Citations, Views,
Downloads)

Data Publication

1st class scholarly object

No current infrastructure or
community best practice

...but data play a larger role in the research process

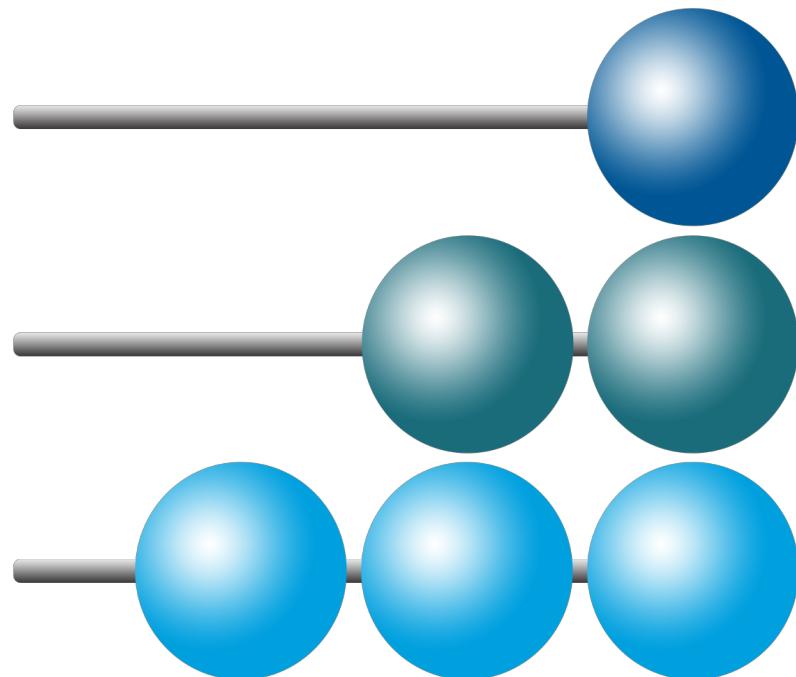


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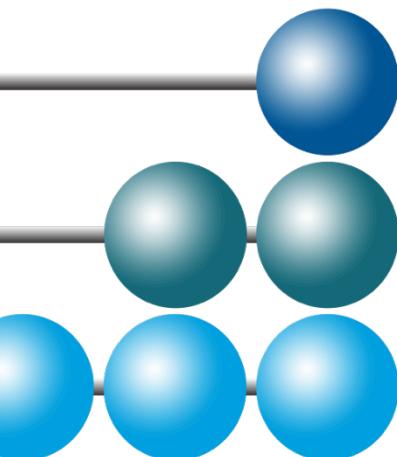
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MAKE
DATA
COUNT

1. **Formal recommendation** for measuring data usage
2. **Develop Hub** for all *Data Level Metrics* (DLM)
3. **Make usage tracking** easier
4. **Drive adoption** by showing how it can be done (easily)
5. **Engage across** all research communities
6. **Iterate!**

Data Level Metrics Landscape Survey

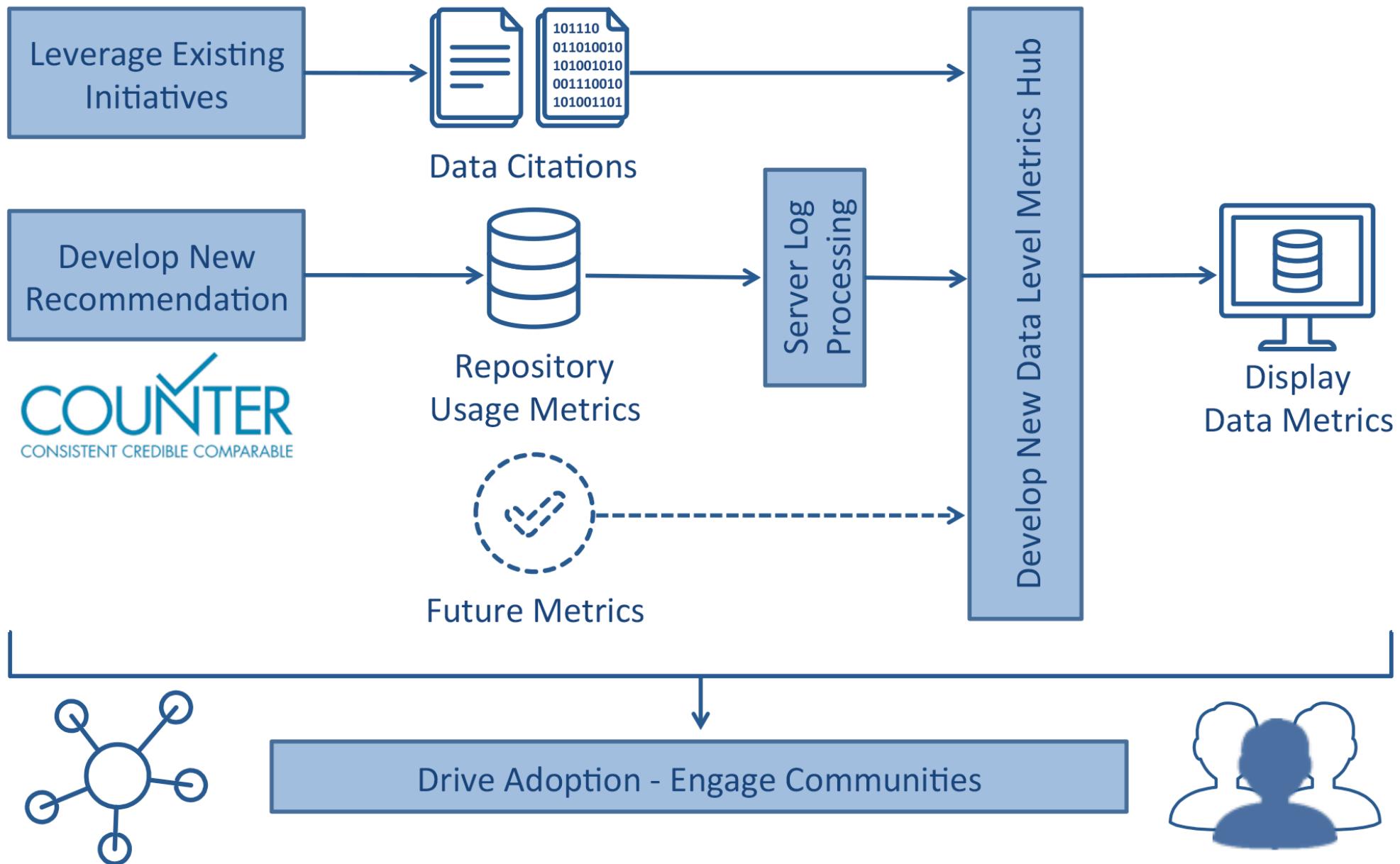


ips We
ed With

ConsortiaManager
CSIR
DataMap
Elsevier
EMBL/EBI
GigaScience
LSAP
Netherlands Institute of Ecology
RAMP Project
USDA
University of Wisconsin

What We Need

A better system
to monitor and track
usage & impact
metrics





Crossref

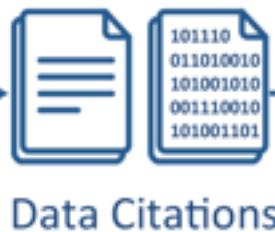
DataCite

Data Citations in
Event Data

Crossref &
DataCite APIs



Leverage Existing
Initiatives



COUNTER Code of Practice for Research Data |

Draft 1

Published December 8, 2017

COUNTER Code of Practice for Research Data Draft 1

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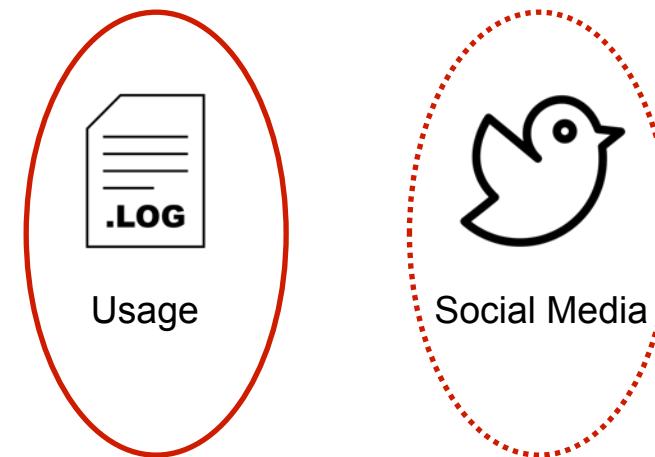


Inter Code of Practice for Research Data

Metrics for research data allow data repositories, libraries, funders, and other stakeholders to understand and demonstrate the value of research data

“ ”

Citations



Are Usage Metrics Different for Research Data?

Use cases: no need to track access by institution (subscriptions), as most research data are freely available

Granularity: datasets frequently include many individual files, and are aggregated, merged and split

Versions: research data frequently have many versions

Non-human users: Scripts and other automated tools are frequently used to fetch research data

Processing



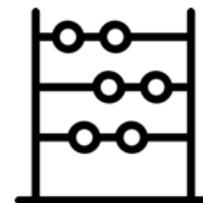
Log-files



Double clicks



User agents



Counts



Data volume

Reporting



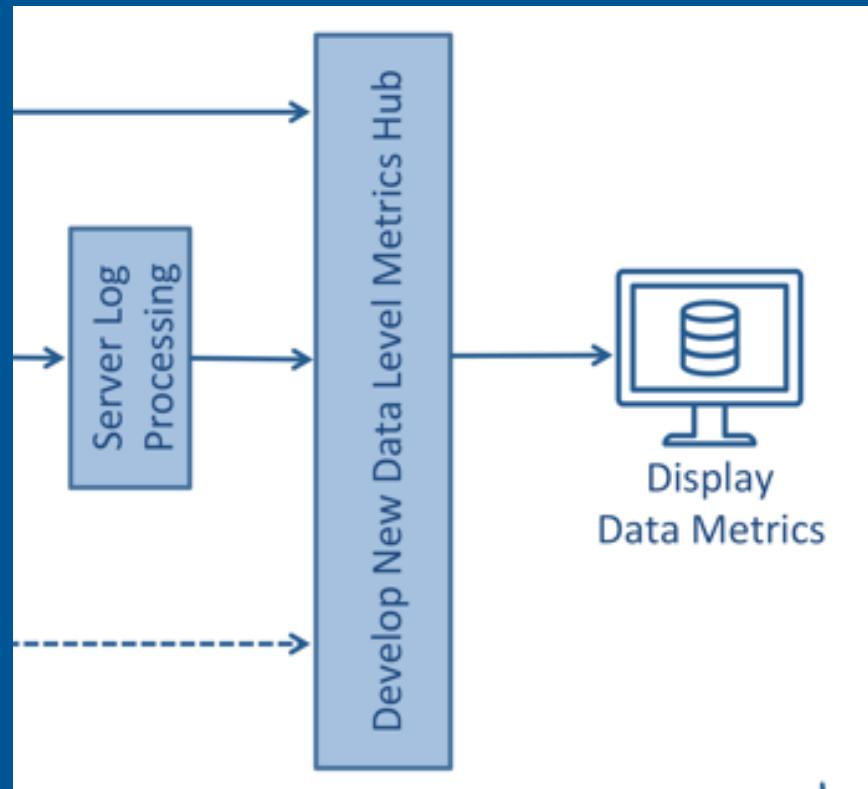
Metric Types



Access Methods



Sessions



++ MVP 6 / 38

1

Determine use cases for API

MVP MVP S10: Hub Rest API

Technical Hub



++ Next 1 / 7

5

Learn about Sushi

MVP MVP S10: Hub Rest API

Technical Hub



++ In Progress 1 / 7

116

Create DataCite Index for MDC usage data

MVP MVP Technical Hub



Make Data Count Update: November, 2017



Make Data Count

@makedatacount Follows you

Project from [@CalDigLib](#), [@DataCite](#),
[@DataONEorg](#) to elevate data to a first-class research output

 makedatacount.org

Drive Adoption - Engage Communities



Please enter your email address and full name to sign-up for our mailing list.

Email Address

Full Name

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COUNTER Code of Practice for Research Data

- Please provide feedback!
- Preprint Winter, 2017

Data Metrics Landscape and Early Adopters Survey

- Repositories interested in implementing DLMs
- Community Outreach

Conferences & MDC Roadmap

We need your help to make this a success

<https://makedatacount.org>
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