Missing from the Soup Can Label: Metadata Gaps in the Scholarly Publishing Workflow

CHORUS Forum: Improving Scholarly Publishing Metadata September 29, 2022

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NIST – Triathlete of Service Providers







NIST technical reports and the recently closed Journal of Research of NIST.



Funder

Mostly intramural work, but we want to track those outputs just as much as our small grant program.



Library

Acts as the publisher for NIST and does much of the metric tracking of outputs

Metadata – A Label for Our Objects





Metadata for a digital object is analogous to the label on a soup can

Metadata – A Label for Our Objects





Metadata – A Label for Our Objects



A Unique Institution: The History of NBS, 1950-1969

Published: July 1, 1999

Author(s)

E Passaglia, K A. Beal

Abstract

A follow-on to Measures for Progress by Rexmond C. Cochrane, this work covers the history of the National Bureau of Standards (NBS) from 1950-1969. While the book focuses on technical work, the management and administration of the Bureau are also discussed. A companion volume covers the period 1969-1993 including the transition from NBS to the National Institute of Standards and Technology (see NIST SP 955).

Citation: Special Publication (NIST SP) - 925

Report Number: 925

NIST Pub Series: Special Publication (NIST SP)

Pub Type: NIST Pubs

Keywords

history-NIST, NBS, NIST

A Unique Institution

The National Bureau of Standards 1950–1969

Elio Passaglia

with Karma A. Beal



U.S. Department of Commerce William M. Daley, Secretary

Technology Administration Gary R. Bachula, Acting Under Secretary for Technology National Institute of Standards and Technology Raymond G. Kammer, Director

Iterative Improvements - Authors



Iterative Improvements - Relationships

<first_page>539</first_page>
<cYear>1997</cYear>

<doi>10.6028/jres.082.004</doi>

<doi>10.6028/nist.sp.250-48</doi>

<doi>>10.6028/nist.tn.1297</doi>

</citation>

</citation>

</citation>

<citation key="ref3">

<citation key="ref3">

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<article_title>Guidelines on limits of exposure to broad-band incoherent optical radiation (0.38 to 3 μm).</article_title>

incoherent optical radiation (0.38 to 3 μm). Health Physics 73(3):539-554.</unstructured_citation>

Iterative Improvements



Filling Gaps in the Knowledge Graph









Funder IDs

ORCID

Affiliations



Licenses

Relationships



Improvements Ahead





Publishers

- Robust metadata
- PIDs all the way down

Improvements Ahead





Funders

- Require grant numbers or PIDs in acknowledgments
- Participate in groups like CHORUS to make your metadata needs known.

Improvements Ahead





Libraries

- Help your users get ORCIDs
- Take advantage of the Event Data API from Crossref and DataCite

Thank you





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