

# CC & Open Access

Nathan R. Yergler  
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  href="http://creativecommons.org/licenses/by/3.0/"
  rel="license">
  Attribution 3.0 Unported
</a>
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use them for any other lawful purpose,  
**without financial, legal, or technical  
barriers...**”



# My OA Tasklist

- Upload to Interweb
- Select a [CC] license
- Declare success?



# An Aside: Why A CC License?

- Publishers/consumers are not all lawyers
- CC is a recognizable “brand”
- Network effect benefit:
  - Use of a common license is beneficial if I'm reusing a single work
  - Even more beneficial if I'm mixing works



“Without Technical Barriers”



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# Technical Implications

- Stable URL – we can link directly to it
- No user agent discrimination
- Resources are in a useful format [as data]
  - “Open”
  - Unencumbered
  - XHTML?





# CC Rights Expression Language



# Previous Recommendation



<!--

metadata

-->

# Pervasive Problems

- Opaque to parsers
- Opaque to humans
- Easy to screw up
- Overly verbose



# Principles for Encoding in HTML

- Independence & Extensibility
- Don't Repeat Yourself (DRY)
- Visual Locality
- Remix Friendliness



# RDFa

- Builds on [X]HTML
- Uses a few attributes (rel, rev, about, href, property, resource) to encode RDF triples in [X]HTML
- Extensible for emerging applications



```
<a
  href="http://creativecommons.org/licenses/by/3.0/"
  rel="license">
  Attribution 3.0 Unported
</a>
```



# Title

Author

*Publication Date*

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# Headline

Subheadline

*Italics*

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[Link1](#) [Link2](#) [Link3](#)

[Link4](#)





# ccREL for OA Works

- What license is this work available under?
- How should I attribute the author?
- Can I obtain additional rights, if needed?





## Attribution 3.0 Unported

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**to Remix** — to adapt the work

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**to Remix** — to make derivative works



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Attribute this work:

```
<div xmlns:cc="http://creativecommons.org/ns#" abo
```



# Building an “Open” Ecosystem



# CC0

- “No Rights Reserved”
- A Waiver, not a License
- Waives copyright *and* neighboring rights
- Replaces Dedication part of old PDDC
- Launched March, 2009
  
- <http://creativecommons.org/publicdomain/>



# Norms

- Behavior expected for use of a work
- Enforced by social norms, not legal code
- For example: Citation
- Modeled using metadata,  
to be included on the deed
- Launch: 2009 Q4



# Public Domain Assertion Tool

- Lots of PD works already exist
- How do people help identify them?
- Timeline: unknown; currently seeking support



# CC Network

- Launched October 2008
- A place creators to collect work references
- A platform for digital copyright registry exploration
- “Real world” demonstration of using distributed metadata
- Lays the foundation for exploring provenance





Join

Login

Help

# Nathan Y.

Active



*Nathan Yergler*

<http://yergler.net/>

*SF. CA. US*

## My CC Story

I've been working with Creative Commons for over four years, first as a software engineer, now as CTO. Problems with the network? Email [issues@creativecommons.org](mailto:issues@creativecommons.org).

## Works I Have Licensed

### The Law of Averages

Includes all works beginning with this URL.

10/07/2008 — 

### yergler.net

Includes all works beginning with this URL.

10/07/2008 — 

### Radical Decoupling

10/01/2008 — 

[All...](#)

# Network + License Badges





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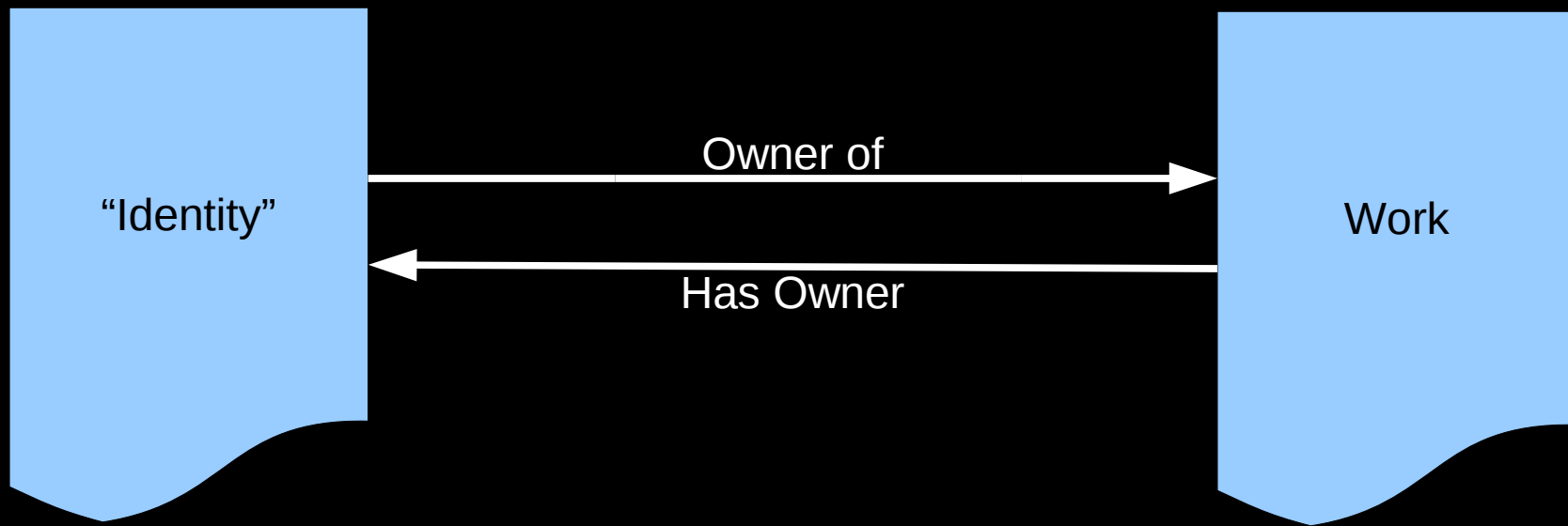
**Attribute this work:**

```
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```



[Nathan Yergler](#) has registered [this work](#) at the [CC Network](#).

# Reciprocal Metadata



# “Reproducible Research”

- Papers are only one part of research
- What about software, data, etc?
- Currently exploring how we might help
  - Recommendations for appropriate licensing for each piece
  - Metadata to describe the “bundle”



# Metadata Enhanced Search

- GOOG/YHOO index basic license metadata
- What if we were able to search *any* metadata?
- Developed prototype around Open Education
- Exploring new YHOO possibilities



**Search**[help](#)Hits **1-10** (out of about 7,599 total matching pages):

## Peter Suber, Open Access News

A blog about the open access movement.

**Curator:** [OER Commons](#) [\(explain\)](#) [\(anchors\)](#)**Education Level:** **Language:** **License:** 

## DLIST - Open Access: What Comes Next

This article examines the effects that present decisions about open access (OA) will have over the next ten years. It will be shown that the consequences are affected both by deliberate choices of policy by librarians and publishers, as well as by the adoption of various alternatives by scientific authors. The eventual result could be excellent, or quite otherwise.

**Curator:** [NSDL](#) **Education Level:** **Language:** **License:** **Subject Tags:** [Scholarly Communication](#) [Economics of Information](#) [Academic Libraries](#) [Electronic Publishing](#)[\(more from dlist.sir.arizona.edu\)](#) [\(explain\)](#) [\(anchors\)](#)

## DLIST - Open Access: What Comes Next after 2004

This is a revised version of David Goodman, "Open Access: What Comes Next." *Learned Publishing* 18(1):13-23 (2005) The present revision adjusts the figures, their corresponding legends, and discussion to match the Note added in proof in the published article. The published article itself has the Note added in proof only, since it was not practical to adjust the figures. The changes here are sufficiently great that the author considers this version independent, and has consequently given it an altered title. This article examines the effects that present decisions about Open Access (OA) will have over the next ten years. It will be shown that the consequences are affected both by deliberate choices of policy by librarians and publishers, as well as by the adoption of various alternatives by scientific authors.

# Summary

- CC licenses are a natural choice for OA
- BOAI Definition implies very desirable technical characteristics for works
- ccREL/RDFa can be leveraged to add value
  - Provide additional copyright information
  - Add any metadata relevant to the publisher
- CC is building new tools on this core that we believe will enhance the “open” ecosystem





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[http://wiki.creativecommons.org/CC\\_and\\_OA](http://wiki.creativecommons.org/CC_and_OA)

