

# ORCID update

Simeon Warner, Cornell University Library

with thanks to

Laure Haak, ORCID Executive Director and

including slides from her recent presentation in Austria

<http://www.slideshare.net/ORCIDSlides/orcid-meets-mozart-20150824>

AAHEP8, Amsterdam, Netherlands

2015-09-02

***“Use ORCID iDs in research workflows to solve name ambiguity and save everyone a bunch of effort!”***



ORCID provides a persistent digital identifier – a machine-readable name – that distinguishes researchers from each other



Member-built integrations in key research workflows such as manuscript and grant submission support automated linkages between researchers and their professional activities and affiliations, ensuring that works are appropriately attributed and discoverable



ORCID serves as a hub enabling machine-readable connections between identifiers for organizations, works, and person IDs

ORCID works collaboratively with the research community to ensure adoption and use of research information standards



# Leveraging ISNI Organization IDs

ORCID uses Ringgold (an ISNI registrar) organization list to support connection between individuals and education and employment affiliations.

## ADD EDUCATION

Institution

Massachusetts Institute of

Massachusetts Institute of Technology

Cambridge, MA, academic

Massachusetts Group Insurance

Commission

Boston, MA, public

Massachusetts Interlocal Insurance

Association

Boston, MA, other/assoc

Associated Industries of Massachusetts

Boston, MA, other/advocates

Massachusetts Eye and Ear Infirmary

Boston, MA, academic/hospital

(or employers)

Department

Add department

Degree/title

Start date

Day

Month

Year

End date (leave blank if current)

Day

Month

Year

Add to list

cancel

Who can see this?



# Leveraging FundRef identifiers

## Funding agency list coordinated with FundRef

### ADD FUNDING

Funding type  
Pick a funding type \*

Funding subtype  
Funding subtype

Title of funded project  
Add title \*

Description  
Add description +

Total funding amount  
Add an amount

Start date  
Year Month

End date (enter projected end date if current)  
Year Month

#### FUNDING AGENCY

Funding agency name  
nsf Office of the Director \*

**NSF Office of the Director**  
VA, VA, gov/federal/national government \*

Enter grant URL \*

+ Add another grant number

Alternate URL

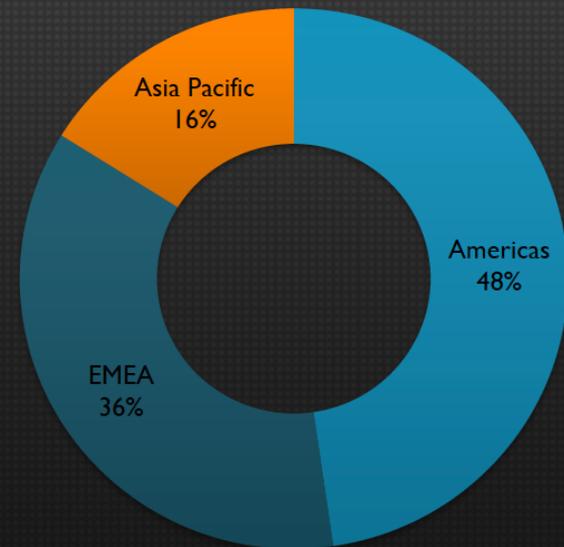
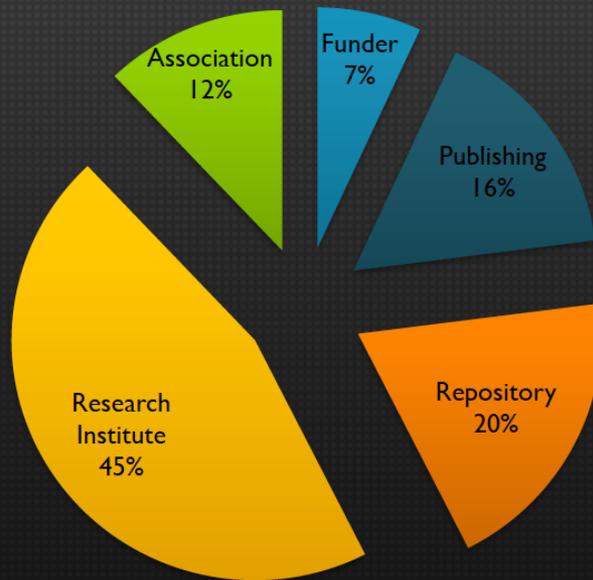
**Auto-complete based on FundRef data**



ORCID identifiers are associated with:

- Over 4 million unique DOIs
- Over 25 thousand unique affiliations

Over 300 members with 200+ iD collection points in every region and sector of the international research community.



- Tools to allow for easy addition of identifiers (for people, places, and things) during publishing, grant application, thesis deposit, etc.
- Engage the community to embed, authenticate, and assert

ORCID ID  
id orcid.org/0000-0001-8472-7079

▼ Employment (1) Sort

University of Colorado Boulder: Boulder, CO, United States

Source: Faculty Affairs at the University of Colorado Boulder Created: 2014-07-15

For groups of 5 or more organizations, we provide a substantial discount on premium membership. Larger groups get larger discounts.

- The group must identify a lead organization to coordinate invoicing and technical support.
- ORCID provides technical workshops, level 2 help desk, and a web interface to support coordination of implementation.

Group Size	Member Fee	Per
5-9	US\$ 6000	member
10-19	US\$ 5000	member
20-29	US\$ 4000	member
30-99	US\$ 135 000	group
100-250	US\$ 200 000	group

- *Austria*: Funder requirement 2016
- *Italy*: National consortium 2015
- *Finland*: National recommendation 2015
- *Australia*: National recommendation 2015
- *Denmark*: University launch 2014
- *Spain*: Launched 2 consortia in 2014
- *Portugal*: Funder requirement 2013
- *Sweden*: National recommendation 2013
- *UK*: National recommendation 2013, pilot 2014, consortium 2015

## **Joint Statement of Principle** (14 April 2015)

Use of ORCID has many tangible benefits, for our researchers, research institutions, funding agencies and the nation overall. It is proposed that Australia's research sector broadly embrace the use of ORCID as a common researcher identifier. A small working group from the Council of Australian University Librarians (CAUL), the Australasian Research Management Society (ARMS), Universities Australia (UA) and the Australian National Data Service (ANDS) has drafted the following Joint Statement of Principle:

As a matter of principle we:

1. recognise the value of unique researcher identifiers in reducing red tape, increasing efficiency, improving data quality, integrating disparate data, promoting the reuse of data, and enhancing the online presence of Australian research to the global market; and
2. commit to support the use of ORCID as a common researcher identifier.

ORCID Working Group: Joint Statement of Principle: ORCID - Connecting Researchers and Research. Canberra; 2015 [doi:10.4225/14/552b16efae74b](https://doi.org/10.4225/14/552b16efae74b)

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**Australian Government**

**National Health and Medical Research Council**

**Australian Research Council**

## NHMRC and ARC Statement on Open Researcher and Contributor ID (ORCID)

April 2015

The National Health and Medical Research Council (NHMRC) and Australian Research Council (ARC) encourage all researchers applying for funding to have an ORCID identifier.

The applicant profile section of NHMRC's Research Grants Management System (RGMS) was changed in 2014 to allow researchers to include their unique identifier (such as ORCID) when updating their CV and Profile, whilst the ARC is currently considering options for the development of a similar capacity within its Research Management System (RMS 2.0). Universities Australia, the Australasian Research Management Society, and the Council of Australian University Librarians have also endorsed a Joint Statement of Principle to adopt (ORCID), and will continue their collaboration with Australian National Data Service, ARC and NHMRC to progress this work.

[https://www.nhmrc.gov.au/\\_files\\_nhmrc/file/grants/policy/nhmrc\\_arc\\_orcid\\_statement\\_april\\_2015.pdf](https://www.nhmrc.gov.au/_files_nhmrc/file/grants/policy/nhmrc_arc_orcid_statement_april_2015.pdf)

## Why is the use of ORCID being encouraged by NHMRC & ARC?

The use of ORCID may help streamline research administration and reporting for researchers and administering institutions through:

- Facilitating disambiguation of researchers and research outputs.
- Enabling the linking and reuse of high quality, persistent data (e.g. publications, grants).

# Implementation continuum



Synch integration across organizations

Consortium

Synchronize ORCID Registry with local data

Premium member fee, local DB, IT resources

Connect ORCID to many university systems

Basic or premium member fee, local DB and IT resources

Connect ORCID to one university system

Basic member fee, Member API, requires local DB and IT resources

Capture ORCID using authentication

No fee, Public API, requires local database and IT resources

Researchers register as individuals

No fee, requires internet connection



## Coming in 2015:

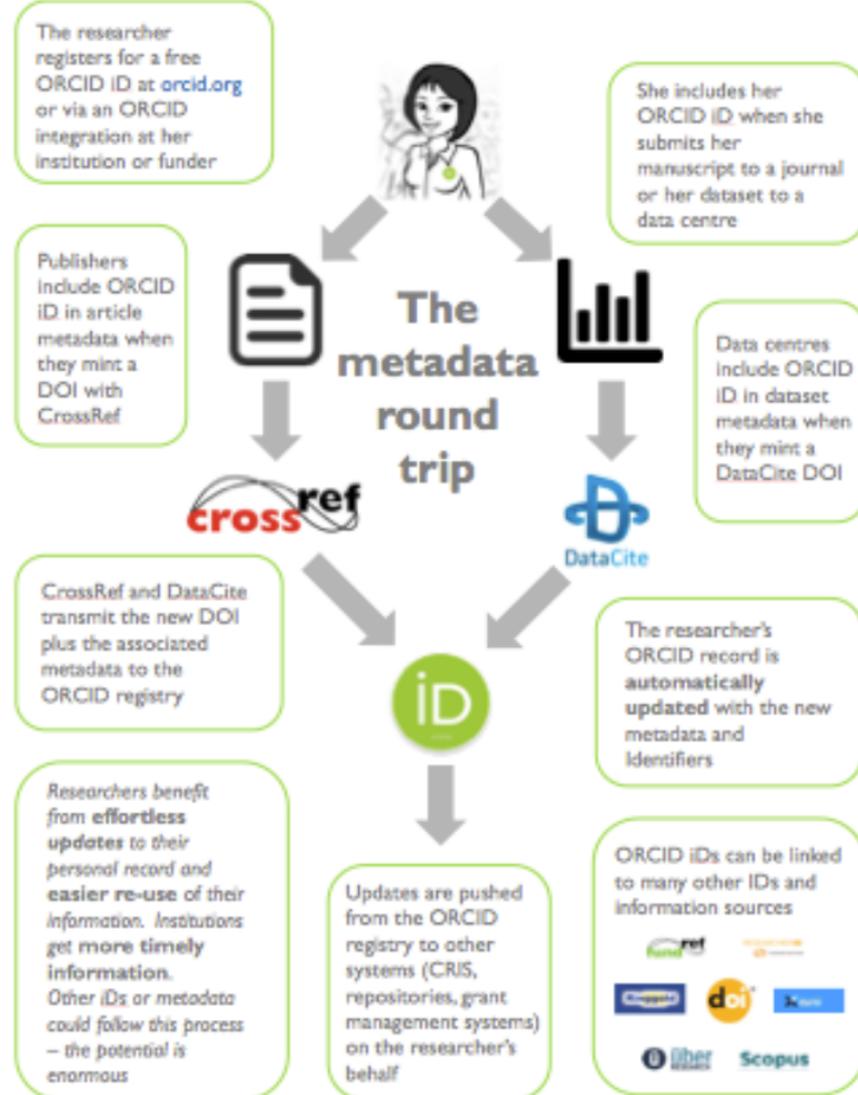
The author can pre-populate submission form fields: preferred name, affiliation, funding

The authenticated iD becomes a part of the paper

Upon publication, the iD is indexed by CrossRef, Scopus, Web of Science, and other services.

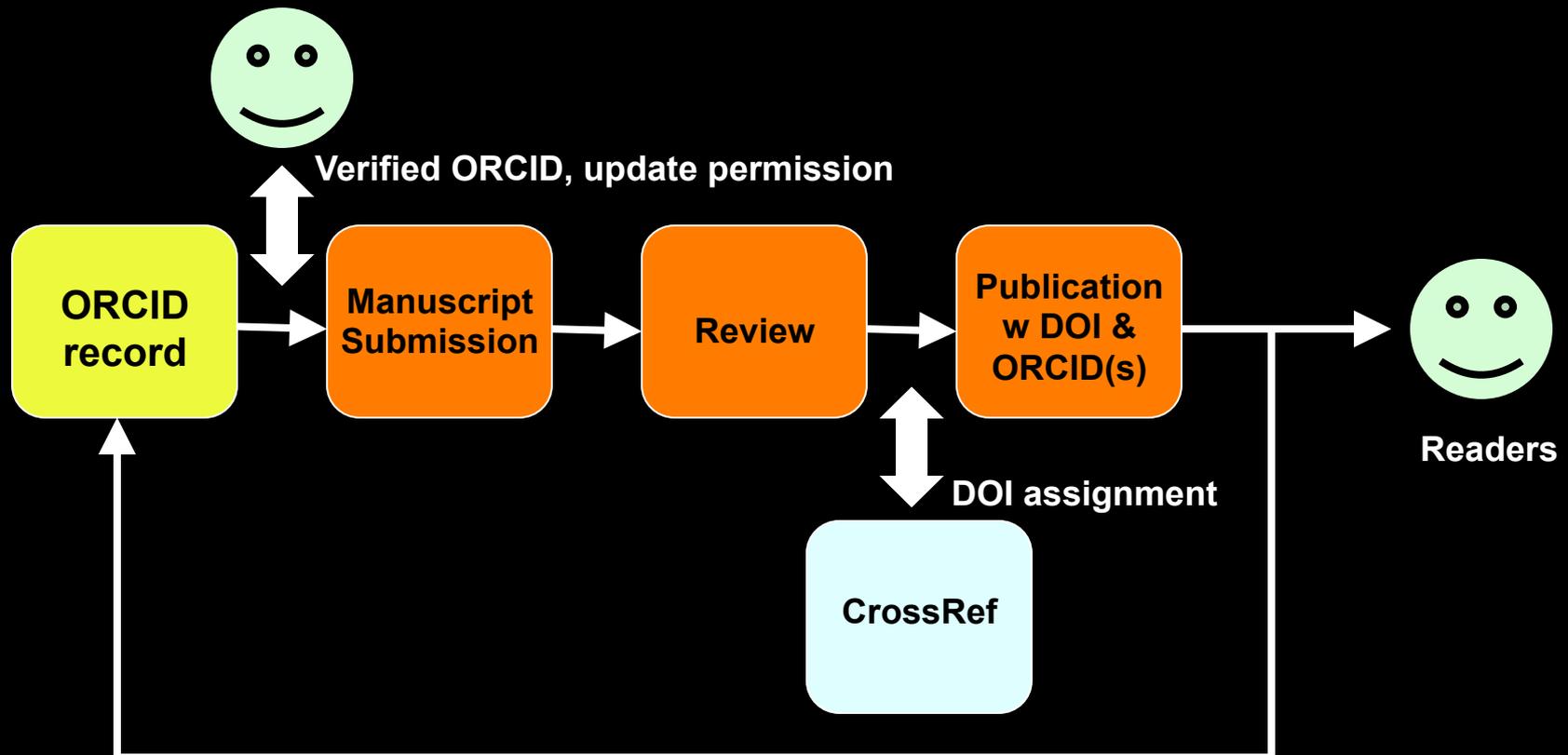
Information flows to ORCID and on to linked platforms

## Capture, embed, interoperate:



# Integration of ORCID iDs in research workflows

# Publication round trip



ORCID iDs are intended to be integrated into research and publication workflows, and become embedded in the metadata. ORCID iDs will thus be associated with new works at the time of publication.

# Round trip process and implications

Publisher **captures ORCID iD during manuscript submission**

- Authenticated process, no mistyping, accurate
- User may grant permission to add works later

Publisher includes **ORCID iD in metadata when minting DOI**

- Will be available to support discovery
- Available in CrossRef search

Publisher/CrossRef **writes metadata back to ORCID record**

- Holder notified, can control visibility
- Saves effort updating record
- Information flow to other systems such as local profile (e.g. I've linked my ORCID record with my VIVO profile)

Similar process for datasets, mediated by DataCite

ref: <http://orcid.org/blog/2014/11/21/new-functionality-friday-auto-update-your-orcid-record>

# An ounce of ambiguity avoidance is worth a pound of disambiguation

-- with apologies to Benjamin Franklin

- Workflow **integration avoids name ambiguity at source**
- Resulting data good for disambiguation of older data
- Resulting data good for compilation of authority records

*“Use ORCID iDs in research workflows to **avoid** name ambiguity and save everyone a bunch of effort!”*

# ORCID as a hub identifier

# ORCID is a hub

The ORCID identifier connects researchers with their works (papers, grants, datasets, and more), organizations, and other identifiers.

ORCID APIs enable data exchange between research information systems.





Connecting Research and Researchers

- FOR RESEARCHERS
- FOR ORGANIZATIONS
- ABOUT
- HELP
- SIGN OUT

- MY ORCID RECORD
- ACCOUNT SETTINGS
- DEVELOPER TOOLS
- LEARN MORE

1,153,063 ORCID iDs and counting. See more...

## Simeon Warner

### Biography

#### ORCID ID

id orcid.org/0000-0002-7970-7855

Return to my view

Director of Repository Development at Cornell University Library. Current research interests are in web information systems, interoperability and open-access scholarly publishing. Current projects include Linked Data for Libraries (LD4L), the arXiv e-print archive, Cornell University Library archival repository (CULAR), IIIF, ODIN, and ResourceSync.

#### Also known as:

S M Warner Simeon M Warner

#### Country:

United States

#### Websites:

- arXiv author page
- Github @zimeon
- Cornell CS website
- Twitter @zimeon

#### Other IDs:

- ISNI: 0000000351311901
- VIVO Cornell: individual24416
- ResearcherID: E-2423-2011
- Scopus Author ID: 7103063073

### Education (2) Sort

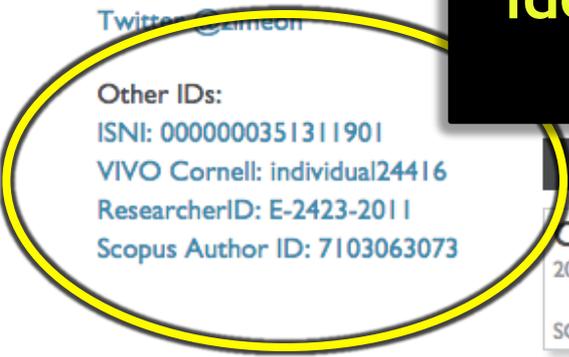
**University of Manchester: Manchester, Manchester, GB**  
 1994 | PhD (Physics)  
SOURCE: Simeon Warner      CREATED: 2013-12-16

**University of Michigan: Ann Arbor, MI, US**  
 1994 | PhD (Physics)  
SOURCE: Simeon Warner      CREATED: 2013-12-16

### Employment (4) Sort

**Cornell University: Ithaca, NY, US**  
 2001 to present  
SOURCE: Simeon Warner      CREATED: 2013-12-16

**Hub identifier linking to other identifiers and to profiles in other systems**



## ... and data in machine form too

```
$ curl -H "Accept: application/orcid+xml"  
  "http://pub.orcid.org/0000-0002-7970-7855/orcid-bio"  
  | grep external-id-url
```

```
<external-id-url>
```

```
  http://isni.org/isni/0000000351311901
```

```
</external-id-url>
```

```
<external-id-url>
```

```
  http://vivo.cornell.edu/individual/individual24416
```

```
</external-id-url>
```

```
<external-id-url>
```

```
  http://www.researcherid.com/rid/E-2423-2011
```

```
</external-id-url>
```

```
<external-id-url>
```

```
  http://www.scopus.com/inward/authorDetails.url?  
authorID=7103063073&partnerID=MN8TOARS
```

```
</external-id-url>
```



Research & Expertise  
Across Cornell

## Warner, Simeon | Director of Repositories Group



### Research Areas

[repositories](#) (UMLS) | [semantic](#) (UMLS)

### Websites

[Co-investigator Network](#)

- [arXiv profile](#)
- [ORCID profile](#)
- [Cornell Directory](#)

### selected publications listing

- Carl Lagoze, Herbert Van de Sompel, Michael L. Nelson, Simeon Warner, Robert Sanderson, Pete Johnston. Object Re-Use & Exchange: A Resource-Centric Approach. *An interim presentation of OAI-ORE ideas as we move the specification through alpha releases.* [[arXiv:0804.2273](#)].

## Warner, Simeon

[R Get A Badge](#) [ResearcherID](#) [Labs](#)

**ResearcherID:** E-2423-2011

**Other Names:** S M Warner

**URL:** <http://www.researcherid.com/rid/E-2423-2011>

**Subject:** Computer Science; Information Science & Library Science; Physics

**ORCID:** <http://orcid.org/0000-0002-7970-7855>

**My Institutions** [\(more details\)](#)

**Primary Institution:** Cornell University

**Sub-org/Dept:**

**Role:** Researcher (Academic)

### My Publications

My Publications (48)

[View Publications](#)

[Citation Metrics](#)

ResearcherID labs

[Create A Badge](#)

[Collaboration Network](#)

[Citing Articles Network](#)

### My Publications: View

This list contains papers that I have authored.

48 publication(s)

Page 1 of 5 [Go](#)

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1. Title: E-prints and journal articles in astronomy: A productive co-existence added 01-Aug-13  
 Author(s): Henneken, E.A.; Kurtz, M.J.; Eichhorn, G.; et al.  
 Source: **Learned Publishing** Volume: 20 Issue: 1 Pages: 16-22 Published: 2007  
 Times Cited: 10  
 DOI: [10.1087/095315107779490661](https://doi.org/10.1087/095315107779490661) / Author-provided URL :

2. Title: Interfaces with the Ineffable: Meeting Aesthetic Experience on its Own Terms added 02-Aug-11  
 Author(s): Boehner, Kirsten; Sengers, Phoebe; Warner, Simeon  
 Source: **Acm Transactions on Computer-Human Interaction** Volume: 15 Issue: 3 Published: NOV 2008  
 Times Cited: 4  
 DOI: [10.1145/1453152.1453155](https://doi.org/10.1145/1453152.1453155)

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**Warner, Simeon**
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Cornell University, Ithaca, United States

Author ID: 7103063073

<http://orcid.org/0000-0002-7970-7855>

Other name formats: Warner

Documents: 27

Analyze author output

Citations: 223 total citations by 204 documents

h-index: 6

View h-graph

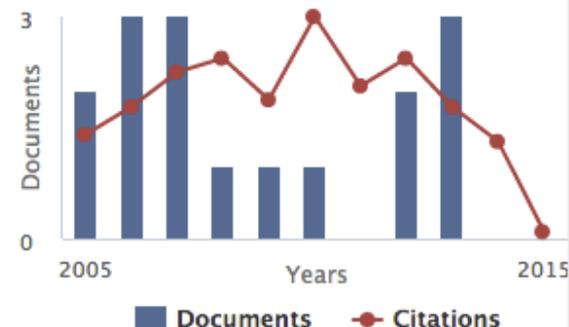
Co-authors: 40

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ResourceSync: Leveraging sitemaps for resource synchronization	Haslhofer, B., Warner, S., Lagoze, C.,(...), Nelson, M.L., Van De Sompel, H.	2013	WWW 2013 Companion - Proceedings of the 22nd International Conference on World Wide Web	0
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 Show abstract | [Related documents](#)
**Author History**

Publication range: 1997 - 2013

References: 399

**Source history:**Computer Physics Communications [View document](#)

Proceedings - IEEE International Conference on Data

Mining, ICDM

[View document](#)

**Thanks for listening!**



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0000-0002-7970-7855