ORCID BEST PRACTICE INTEGRATIONS

SUNET WORKSHOP DAY 2 | SEPTEMBER 28, 2017

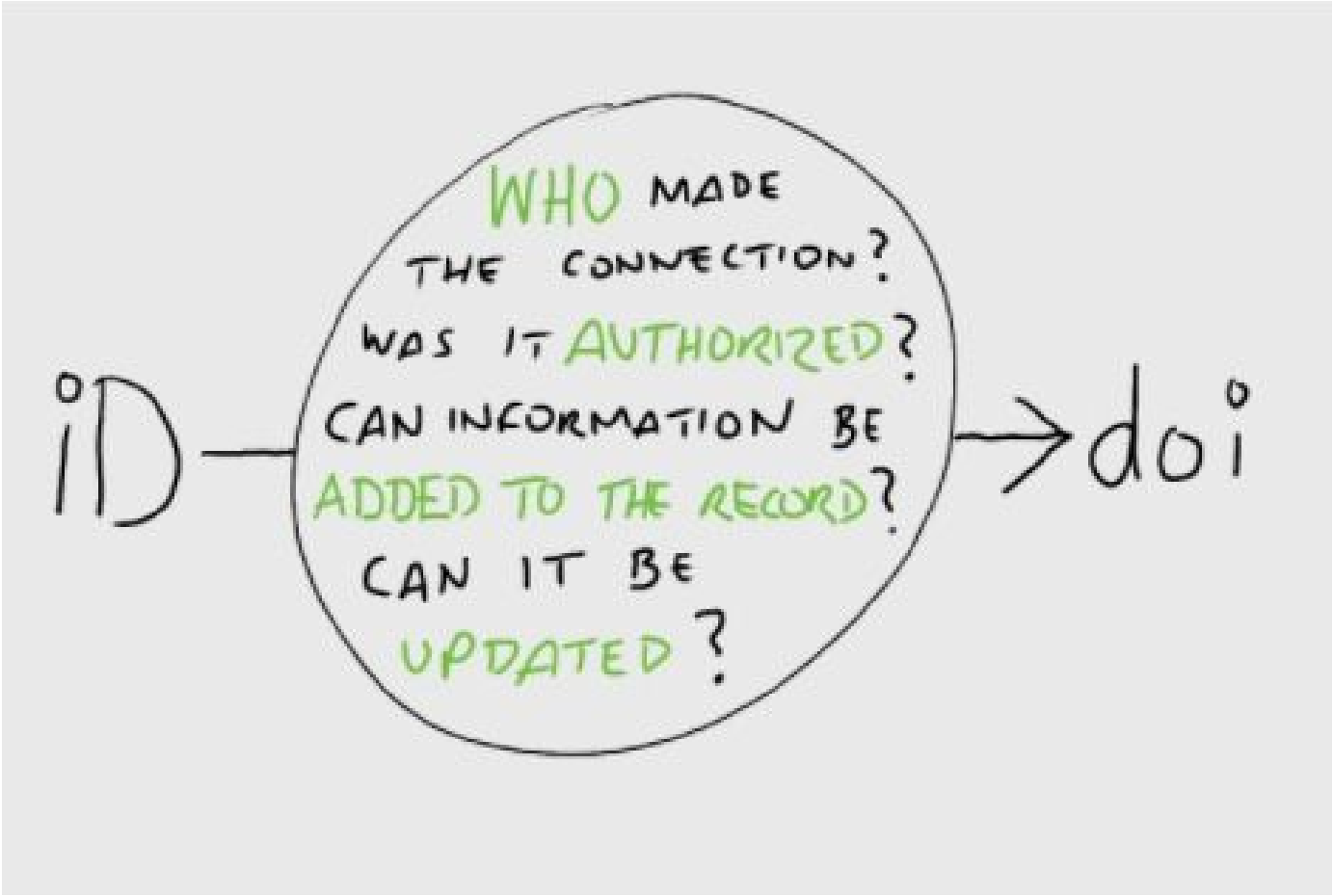
ORCID Connecting Research and Researchers

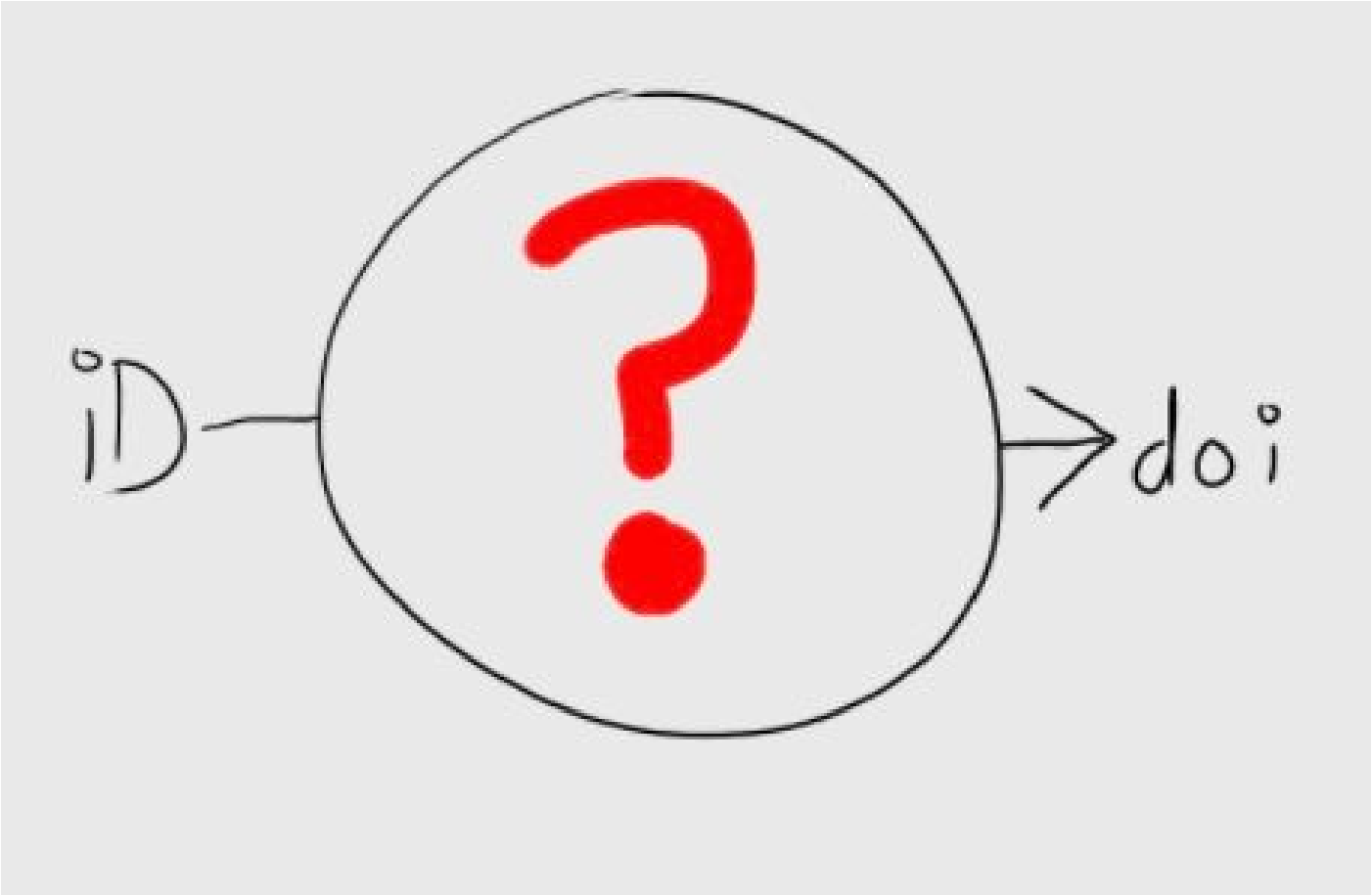
MATT BUYS
REGIONAL DIRECTOR, EMEA
orcid.org/0000-0001-7234-3684

@mjbuys
@ORCID_Org

ORCID

Connecting Research and Researchers




iD
?
doi

ORCID
Connecting Research and Researchers

ORCID provides tools for organizations to manage:

- How your name is represented
- Who can claim affiliation with you

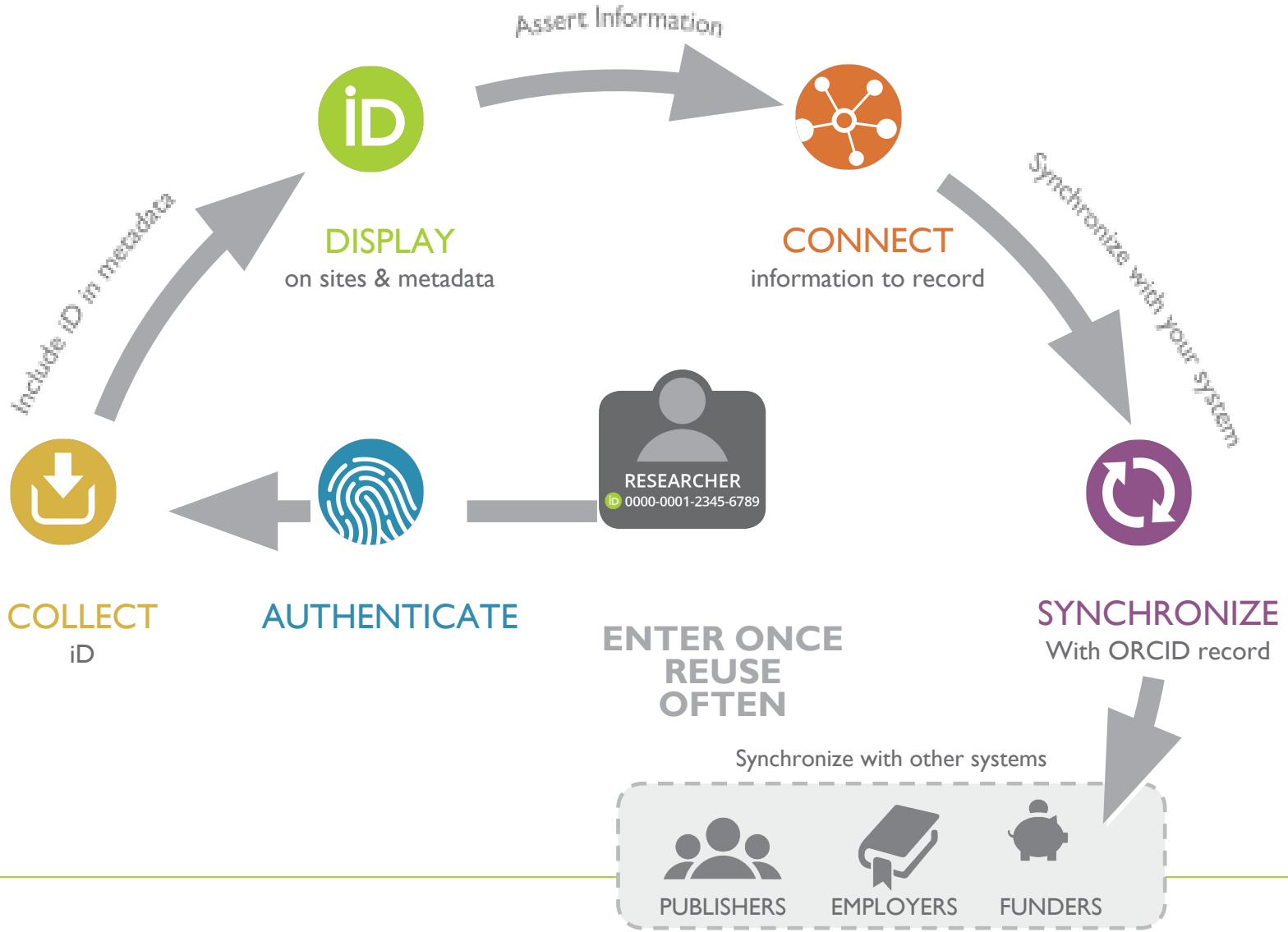
ORCID
Connecting Research and Researchers

PERMISSIONS

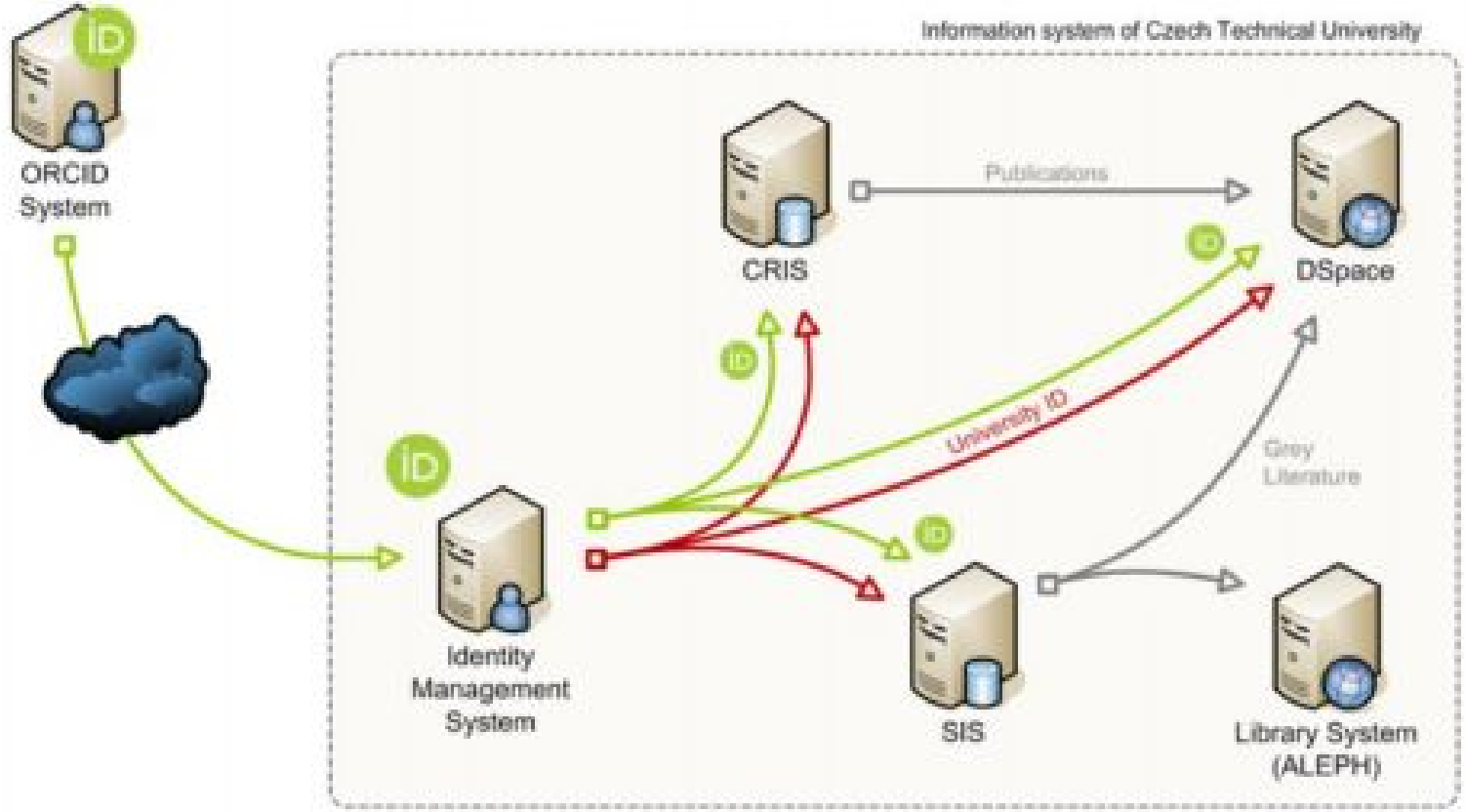
…. and also, authentication provides you opportunity to ask for permissions to read/write/update ORCID records.

- Add affiliation data
- Add degree completion and thesis data
- Update affiliation end data

COLLECT & CONNECT WORKFLOW



INTEGRATIONS



USE CASE: RESEARCHER ACTIVITY

TRACKING RESEARCHER ACTIVITY

STEP 1: COLLECT AN ORCID ID, ASSERT AN AFFILIATION

STEP 2: READ ORCID RECORDS

USE CASE: RESEARCHERS AT MY INSTITUTION

FINDING ORCID RECORD HOLDERS AT MY INSTITUTION

OPTION 1: SEARCH BY AFFILIATION

- AFFILIATION NAME

```
Method: GET
  Content-type: application/vnd.orcid+xml
  Authorization type: Bearer
  Access token: [Stored access token]
  URL: https://pub.orcid.org/v2.0/search/?q=affiliation-org-name:"University+of+Johannesburg"
```

- RINGGOLD ID

```
Method: GET
  Content-type: application/vnd.orcid+xml
  Authorization type: Bearer
  Access token: [Stored access token]
  URL: https://pub.orcid.org/v2.0/search/?q=ringgold-org-id:1438
```

USE CASE: RESEARCHERS AT MY INSTITUTION CONT

FINDING ORCID RECORD HOLDERS AT MY INSTITUTION

OPTION 2: SEARCH BY EMAIL DOMAIN

```
Method: GET
  Content-type: application/vnd.orcid+xml
  Authorization type: Bearer
  Access token: [Stored access token]
  URL:  https://pub.orcid.org/v2.0/search/?q=email:*@orcid.org
```

OPTION 3: SEARCH BY NAME AND DOI

```
Method: GET
  Content-type: application/vnd.orcid+xml
  Authorization type: Bearer
  Access token: [Stored access token]
  URL:
https://pub.orcid.org/v2.0/search?q=family-name:Haak+AND+given-names:Laurel+AND+digital-object-ids:%2210.1087/20120404%22+OR+digital-object-ids:%2210.6084/M9.FIGSHARE.1115124'%22
```

WHAT NEXT?

Getting started with an integration

- API documentation (https://members.orcid.org/api/workflow)
- Sample workflows (https://members.orcid.org/api/workflow)
- Suggested integration points (https://members.orcid.org/api/integrate)

INTEGRATIONS

Getting my integration launched

- Register for sandbox credentials
- Learn about APIs, OAuth, and how to access the ORCID API
- Create a test ORCID iD through the sandbox user interface
- Determine how you want to use the ORCID API and what permissions you'll need
- Build and test your application on the sandbox
- Create communication points to your users
- Check in with ORCID staff to demonstrate how your application works
- Register for credentials on the ORCID Production Registry
- Transfer your application to the ORCID Production Registry
- Launch—and let everyone know

UPGRADE TO API 2.0

Deadline 31 December 2017

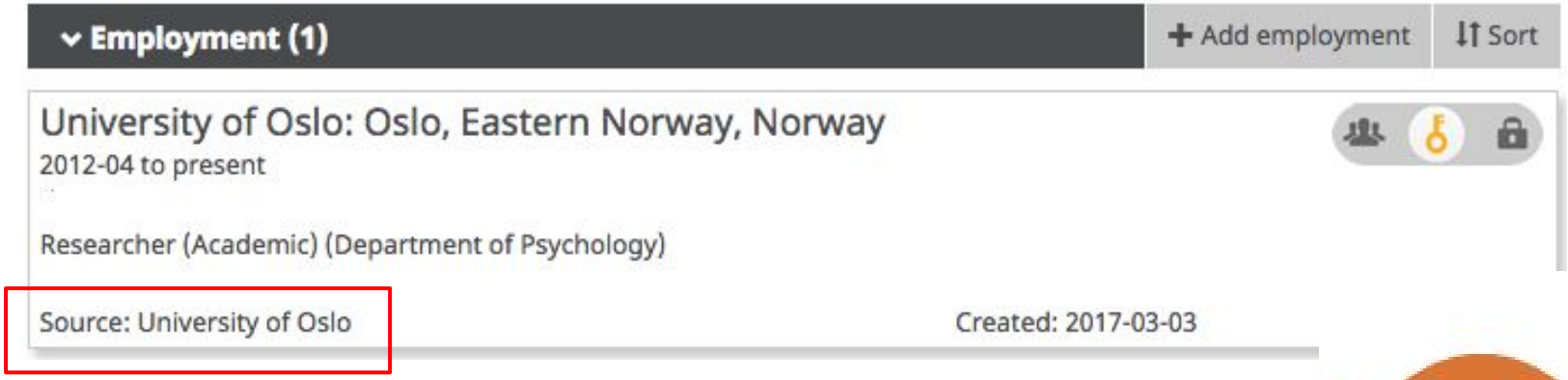
Summary of changes to v2.0

- HTTPS required
- Streamlined permission scopes
- Multiple XSD, and use of namespaces and common elements
- Summary views, making large records more efficient to handle
- Items on ORCID record read and updated on an individual basis
- Support for grouped works, funding, and peer review items within the ORCID message schema, reflecting the functionality in the user interface
- Support for ORCID's peer review functionality
- Better support for the biographical information associated with the ORCID record
- Flexible support for new external identifiers
- Faster search with streamlined search results -- and affiliations search is coming soon!
- Updated error codes and messaging

COLLECT & CONNECT BADGES

EMPLOYERS

INSTITUTIONAL CONNECT



Request permissions to write to/update the user's ORCID record to assert affiliation (and, if applicable, works) with your organization.

CONNECT
affiliation to
record

The Swedish research community has the power to improve the **value and openness** of its research information.

Unique researcher identifiers have the potential to bring **streamline information sharing and bring transparency** to the creation and re-use of that information.

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THANK YOU!

- Find out more at http://orcid.org
- Register at http://orcid.org/register
- Twitter @ORCID_Org / @mjbuys

Matt Buys
ORCID Regional Director, EMEA
m.buys@orcid.org
http://orcid.org/0000-0001-7234-3684