Hydra ORCiD Plug-in

What is ORCiD?

ORCID is an open, non-profit, community-based effort to provide a registry of unique researcher identifiers and a transparent method of linking research activities and outputs to these identifiers. ORCID is unique in its ability to reach across disciplines, research sectors, and national boundaries and its cooperation with other identifier systems.

Why ORCiD and Hydra?

-Greater exposure to faculty and researcher work
-Disambiguation of authority
-Better Metrics
-Third-party Authentication via OAuth 2 protocol
-ORCID gem builds on Devise authentication for Ruby on Rails
-Increase Adoption of ORCID (the more people that use it, the more useful it becomes).
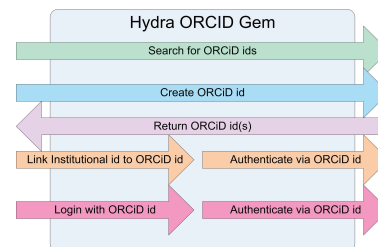-Any Hydra institution can quickly embed ORCID support (IR or otherwise).

Use Cases

- Repository user linked to ORCID iD
    - Includes creating, searching, and entering existing ORCID iD
-External collaborator authentication via ORCID iD
-Publish repository user works or bio information to ORCID
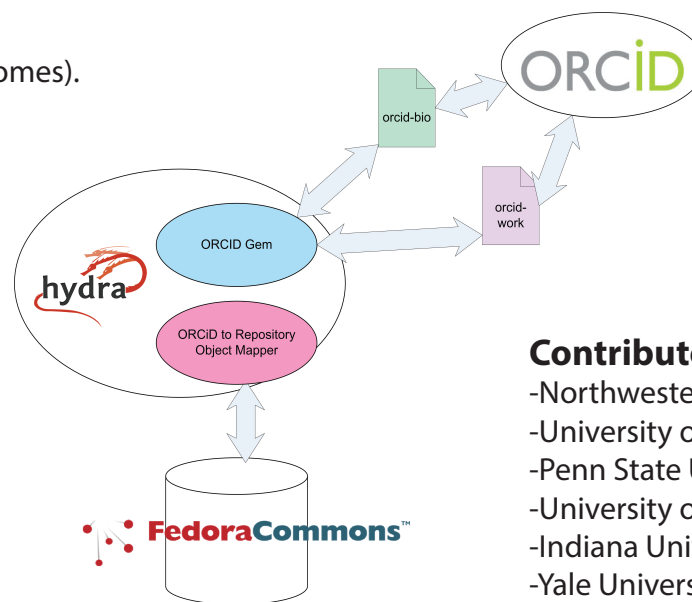-Import researcher metadata records from ORCID

How to Integrate into your Hydra Application

- Include ORCiD gem in your Ruby on Rails application
- Review sample Hydra ORCiD application
- Update repository user edit, view, and login pages to call methods in gem
- Implement orcid-bio and orcid-works mapping to your repository objects
- More info: https://github.com/projecthydra-labs/orcid

Hydra ORCID Gem
Search for ORCiD ids
Create ORCiD id
Return ORCiD id(s)
Link Institutional id to ORCiD id | Authenticate via ORCiD id
Login with ORCiD id | Authenticate via ORCiD id

orcid-bio
orcid-work
ORCID Gem
ORCiD to Repository Object Mapper
FedoraCommons™

Contributors and Partners

-Northwestern University
-University of Cincinnati
-Penn State University
-University of Virginia
-Indiana University
-Yale University

http://orcid.org
http://library.nd.edu
https://projecthydra.org