

ORCID US Community Call - ORCID API Questions - Part 3

- Thurs. Oct. 29 @ 2pm Eastern, 1pm Central, 12am Mountain, 11am Pacific
- **Slides from this call:**
https://docs.google.com/presentation/d/1IEW29S1fLISJvHETIo8_qp32gEaZqRatSEtIWb1DsSg/edit?usp=sharing
- **Recording from this call** (Part 3): <https://vimeo.com/575397081> (password: ORCID)
- **Related Resources:**
 - Recording of Part 1 of this session: ORCID US Community Call: ORCID API FAQs <https://vimeo.com/575400191> (password: ORCID)
 - Recording of Part 2 of this session: Part 2 ORCID US Community Call: ORCID API FAQs <https://vimeo.com/575399170> (password: ORCID)

Present:

- Sheila Rabun (ORCID US Community Specialist at LYRASIS) sheila.rabun@lyrasis.org
- Bonnie Crotty Nelson (RTI International, NC) bnelson@rti.org
- Tracy Soma (Penn Medicine Academic Computing Services, Product Owner), tracy.soma@pennmedicine.upenn.edu
- Diane Verrilli (Denver Health & Hospital Authority, IT Software Development team, business analyst) diane.verrilli@dhha.org
- Anne Gering (RTI International, NC), agering@rti.org
- Nancy Holtzmaster, Application Manager, IT, Denver Health and Hospital Authority, nancy.holtzmaster@dhha.org
- Clayton Crenshaw, Southern Methodist University Libraries, claytonc@smu.edu
- George Nicholson (Denver Health & Hospital Authority, IT, Lead Developer, George.Nicholson@dhha.org)
- Elizabeth Whipple (Indiana School of Medicine, Ruth Lilly Medical Library) ewhipple@iu.edu
- Sylvia Jones, Southern Methodist University (sylviagw@smu.edu)
- Christina Miskey (UNLV)

Agenda:

- We will cover some FAQs related to the ORCID API and integrating the API with local systems. Questions will include (feel free to add more questions!):
- Part 3 call:
 - Do researchers need an ORCID iD before API integration?
 - No - researchers do not need to have an ORCID iD prior to your organization integrating the ORCID API with local systems. In fact, once your organization has integrated the ORCID API into one or more systems, a user can register for their ORCID iD through your integration.
 - How do I search the ORCID registry?
 - There are a few different ways:
 - Use the search box and advanced search on the ORCID website for manual or one-off searching: <https://orcid.org>

- API queries via command line:
<https://members.orcid.org/api/resources/find-myresearchers>
- Rorcid: <https://ciakovx.github.io/rorcid.html> - documentation thanks to Clarke Ilakovakis at Oklahoma State Univ.
- paste URL into browser, just input the highlighted sections for your organization - example for Emory:
<https://powerful-chamber-19570.herokuapp.com/?ringgold=1371&grid=grid.189967.8&emaildomain=emory.edu&orgname=Emory%20University>
- Where can I find some code examples, and/or sample XML or JSON for testing?
 - Code Examples: <https://members.orcid.org/api/resources/code-examples>
 - XML and JSON samples:
https://github.com/ORCID/orcid-model/tree/master/src/main/resources/record_3.0
- Under what circumstances ORCID records might be deleted from an API-connected system?
 - If your organization wants to remove someone's ORCID iD if that person has left the organization (note: some orgs WANT to stay connected with researchers after they leave; the default connection is 20 years)
 - If an individual wants to be removed from your ORCID integration for any reason
- Is there an ORCID API that can pull data from an Access database?
 - Yes, the ORCID API can technically integrate with any system or database. You would need to be able to take the data from your Access database and get it into the proper XML or JSON format to write that data to ORCID records. Need help? Contact me: sheila.rabun@lyrasis.org
- What are the ORCID API connections to eRA Commons?
 - Currently, individuals can link their ORCID iD to their eRA commons, but data is currently not transferred between eRA commons and ORCID:
 - https://era.nih.gov/erahelp/commons/PPF_Help/8_2_orcid.htm
 - <https://nexus.od.nih.gov/all/2019/09/04/dont-forget-to-link-your-orcid-id-to-your-era-commons-profile/>
 - <https://www.niaid.nih.gov/grants-contracts/orcid-id-required-some-encouraged-all>
 - The SciENcv connection with ORCID is the most helpful right now, as users can import almost all of their data from ORCID into SciENcv:
 - SciENcv, ORCID, NIH and NSF:
<https://lyrasisnow.org/sciencv-and-orcid-to-streamline-nih-and-nsf-grant-applications/>
 - SciENcv and ORCID video tutorial: <https://youtu.be/R6J2C-qfgk4>
- Does the ORCID API integrate in any way with the CrossRef API?
 - Yes! There is a Crossref "search and link" wizard within the works section of ORCID, where individuals can search Crossref for their works and then

import the citations into ORCID:

<https://www.crossref.org/community/orcid/>

- What resources are available to help me understand and/or implement an ORCID API integration?
 - ORCID API documentation landing page: <https://members.orcid.org/api>
 - Getting Started with your ORCID API integration: <https://members.orcid.org/api/getting-started>
 - ORCID API Tutorials: <https://members.orcid.org/api/tutorial>
 - Note differences between API v.2 and v.3
 - How to read data from each ORCID record (v.3): <https://members.orcid.org/api/basic-tutorial-reading-data-orcid-record-30>
 - How to add & update data on an ORCID record (v.3): <https://members.orcid.org/api/basic-tutorial-add-and-update-data-orcid-record-30>
 - Explore the ORCID API with Google OAuth Playground: <https://members.orcid.org/api/explore-orcid-api-google-oauth-playground>
 - ORCID US Planning Guide: <https://www.lyrasis.org/Leadership/Pages/orcid-us-planning-guide.aspx>
 - Contact sheila.rabun@lyrasis.org for consulting and help with assessing possibilities for your local context based on the systems you are using and what your goals are for using ORCID
- Are there any off the shelf products that provide ORCID API integration (specifically for posting/tracking research across an organization)?
 - Vendor systems that have ORCID integration built in include: Pure, Symplectic Elements, Faculty180, Digital Measures, etc. A list of common systems and their ORCID status can be found here: <https://www.lyrasis.org/Leadership/Pages/orcid-technical-support.aspx>
- Part 1 call:
 - What does the ORCID API allow institutions to do? How does the API work?
 - A clear view of what the workflow would be and a good example of the use case.
 - I'd like to know more about storing access tokens.
 - What is a “trusted party” and what does this have to do with the API?
 - How do various systems work with the ORCID API? For example:
 - Vendor systems vs. custom systems
 - Office of Research systems - Current Research Information Systems (CRIS) Researcher profiles
 - Grant applications and reporting
- Part 2 call:
 - Publishing
 - <https://members.orcid.org/api/workflow/publishing-systems>
 - <https://orcid.org/organizations/publishers>

- Institutional Repositories
 - <https://members.orcid.org/api/workflow/repository>
 - <https://orcid.org/blog/2019/02/27/recommendations-using-orcid-repositories>
 - Example: <https://lyrasisnow.org/orcid-samvera-institutional-repositories-at-the-university-of-virginia/>
- Central Identity Management and HR systems
 - <https://members.orcid.org/api/workflow/RIM-systems>
 - Example (PeopleSoft): <https://lyrasisnow.org/orcid-for-learners-at-ut-southwestern-medical-center/>
 - Example (PeopleSoft): <https://lyrasisnow.org/orcid-at-boston-college-create-connect-with-peoplesoft/>
 - Lehigh University has done an integration with Banner...
- API integrations with SSO
 - People can sign in to ORCID using institutional credentials: <https://members.orcid.org/api/integrate/institution-sign-in>
 - Platforms can be set up to allow people to log in to a platform using their ORCID credentials: <https://members.orcid.org/api/integrate/orcid-sign-in>
- What systems do institutions typically integrate first?
 - It depends, but typically it's vendor CRIS systems that already have the ORCID API built in (Pure, Faculty 180, Digital Measures, Symplectic Elements)
- How to leverage ORCID API across multiple systems?
 - It depends on the specific systems you are using, but basically authenticated ORCID iDs connected through one system can be displayed in other systems...it can get more complex depending on the context and what you are looking to do, so if you're interested in this, let me know sheila.rabun@lyrasis.org
- What type of technical expertise and resources are needed for an institution to integrate systems with ORCID?
 - It varies, but if you're doing a custom integration you need to have a developer to do the work. It can take anywhere from 1 week to several months depending on the previous knowledge of the developer, other projects they might be working on, and complexity of the integration...

Notes: