

ORCID Source

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The ORCID Organizational Identity Source Plugin is designed to integrate with the [ORCID API](#) in order to create Organizational Identities and to securely link an ORCID iD to an existing CO Person Record. While it is possible to manually enter ORCID iD into an Identifier record, use of the plugin is recommended in order to avoid transcription errors, to create an audit trail, and to allow future syncing of other ORCID Record attributes into CManage Registry.



The ORCID API appears to have rate limits that are documented in [this Google Group message](#).

Modes

Org Identity Source Mode	Support
Manual Search and Linking	Supported, but not recommended
Enrollment, Authenticated	Supported, via OAuth
Enrollment, Claim	Not supported
Enrollment, Search	Not supported
Enrollment, Select	Supported, but not recommended

Org Identity Sync Mode	Support
Full	Not supported
Manual	Not supported
Query	Supported
Update	Supported




The ORCID Source Plugin currently supports only the public API, and only the production tier. Neither the member API nor the sandbox are currently supported.

Configuration (Registry v3.2.0 and later)

In order to use the ORCID Source Plugin, you must first have an ORCID iD. For non-members, it will be necessary to use credentials established from a personal ORCID iD, ORCID does not currently support "institutional" or "service" accounts except for paid members.

- i** The ORCID Source Plugin uses two different OAuth flows, making configuration slightly more complicated.
1. If you have not already done so, register for an [ORCID iD](#).
 2. Add a new Server, via *Servers > Add a New Server*
 - a. Set the Server Type to *OAuth2*.
 - b. After the configuration has been saved, a Redirect URI will be available via the server configuration page. Keep this handy for the next step.
 3. [Register your application](#) (be sure to enable developer tools if not already done). Note that ORCID appears to only allow one registration per personal ORCID account, though multiple redirect URIs can be specified. Add the redirect URI as provided by the CManage plugin configuration, above.
 4. Return to the CManage OAuth2 Server configuration page.
 - a. *Server URL*: <https://orcid.org/oauth>
 - b. *Client ID*: The Client ID provided by ORCID
 - c. *Client Secret*: The Client Secret provided by ORCID
 - d. *Access Token Grant Type*: Client Credentials
 - e. *Scope*: /read-public
 - f. Click *Save*.
 5. Click *Obtain New Token*, and authenticate if necessary.
 6. Add a new Organizational Identity Source, via *Configuration >> Organizational Identity Sources >> Add Organizational Identity Source*.
 - a. Set the plugin type to *OrcidSource*.
 7. After clicking *Save*, you will be taken to the configuration page.
 - a. An Additional ORCID Redirect URI will be presented. Return to the ORCID developer tools and add this second Redirect URI.

- i.  Both Redirect URIs are required for the ORCID Source Plugin to fully function.
- b. Set the Server to the one created in step 2, and click *Save*.

Configuration (Registry v3.1.0 and earlier)

In order to use the ORCID Source Plugin, you must first have an ORCID iD. For non-members, it will be necessary to use credentials established from a personal ORCID iD, ORCID does not currently support "institutional" or "service" accounts except for paid members.

1. If you have not already done so, register for an [ORCID iD](#).
2. Add a new Organizational Identity Source, via *Configuration >> Organizational Identity Sources >> Add Organizational Identity Source*.
3. Set the plugin type to *OrcidSource*.
4. After clicking *Save*, you will be taken to the configuration page, which will include the ORCID Redirect URI you will need in a moment.
5. Open a new tab or window (you will come back to the configuration page shortly) and login to your [ORCID account](#).
6. If you haven't already, [enable developer tools](#).
7. Register your application. Note that ORCID appears to only allow one registration per personal ORCID account, though multiple redirect URIs can be specified. Add the redirect URI as provided by the CManage plugin configuration, above.
8. Copy the Client ID and Client Secret provided by ORCID into the Registry plugin configuration, and click *Save*. Registry will attempt to verify the credentials before completing the save.

See Also

- [ORCID Integration](#)
- [cm_orcid_sources](#)