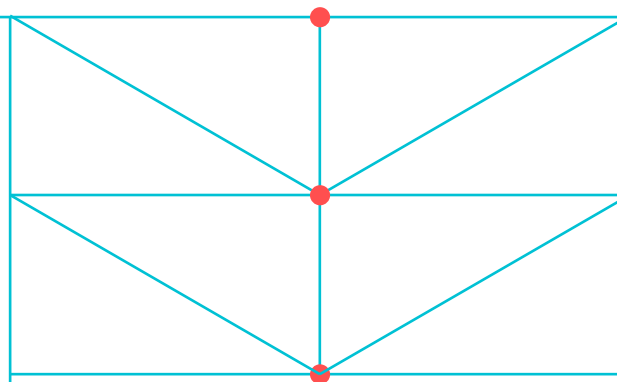


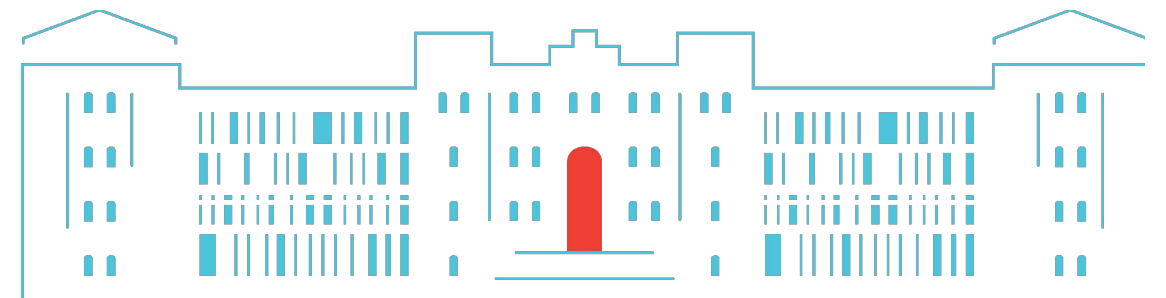
ORCID Login improvement for DSpace-CRIS

Project Results

TUHH
Technische
Universität
Hamburg



2023-12-14



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DOI [10.15480/882.8935](https://doi.org/10.15480/882.8935)

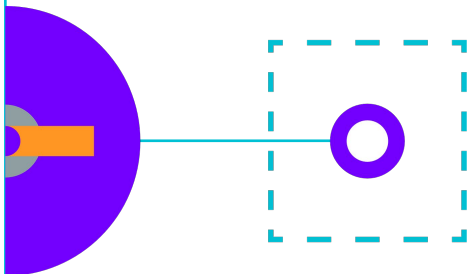
Project Report to ORCID, 2023-12-14

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Agenda

- Project Results
- ORCID Login before the project
- Solution
- Scenarios covered by the project improvements
- Summary



Project Results

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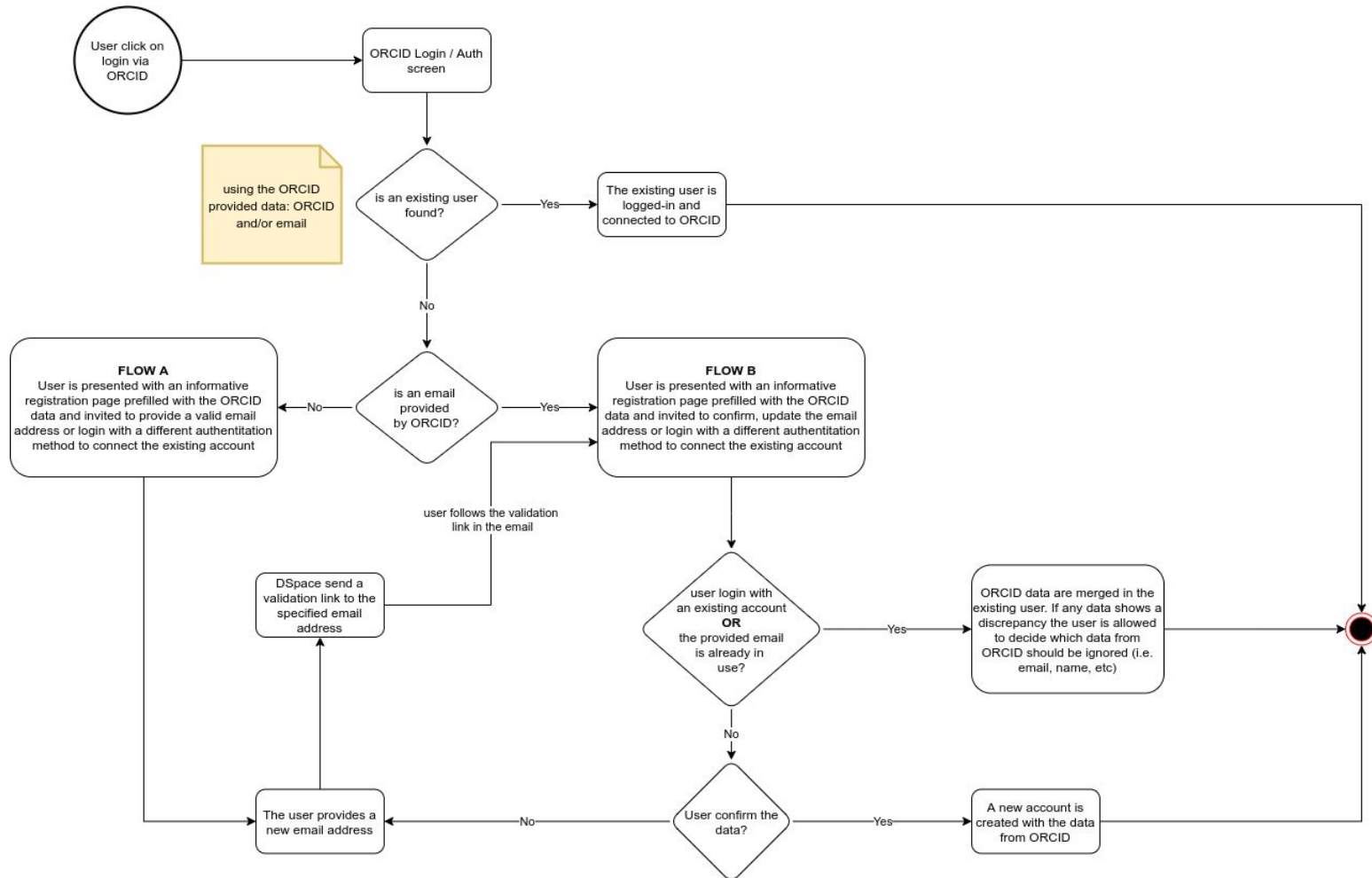
- All planned improvements have been implemented successfully
- Implemented for DSpace-CRIS
- Integrated in version 2023.02.00 (which is available since Nov 30)
- Developed by 4Science
- Plan to get ported to generic DSpace after the project
- Porting is necessary, because DSpace and DSpace-CRIS have slight differences in context of the ORCID integration (so the development cannot be used within generic DSpace out of the box)

ORCID login before the project



- Problem with hidden email addresses on ORCID side
- Problem with different email addresses (DSpace \leftrightarrow ORCID)
- Pretty vague or unclear error message if login was not possible

Solution



- On Login via ORCID, check email address and ORCID id provided by ORCID
- If no email is provided on ORCID side (private email address), ask for it on DSpace side (Flow A)
- Option to connect login to an existing account (if the email does not match) (Flow B)

Scenarios

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Scenario	ORCID	DSpace
1	E-Mail visible (trusted parties or public)	E-Mail matches an existing user on DSpace side
2	E-Mail visible (trusted parties or public)	E-Mail not matching an existing user on DSpace side
3	E-Mail visible (trusted parties or public)	E-Mail not matching an existing user on DSpace side, but user exists (with a different E-Mail address)
4	E-Mail invisible (private)	User exists on DSpace side
5	E-Mail invisible (private)	User does not exist on DSpace side

Scenario 1: eMail visible, matching an existing user on DSpace side


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[https://sandbox.orcid.org/
0000-0002-0612-2207](https://sandbox.orcid.org/0000-0002-0612-2207)

[Preview public record](#)

Emails 

goldahrens@mailinator.com 

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Oliver Goldahrens
goldahrens@mailinator.com
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Log out

Scenario 2: eMail visible, not matching an existing user on DSpace side

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Information needed to complete the login process

ORCID

0009-0004-5013-5197

Last name

Goldahrens

First name

Testing Olli

Email

testingolligoldahrens@mailinator.cor

It seems that you have not yet an account in this system. If this is the case, please confirm the data received from ORCID and a new account will be created for you. Otherwise, if you already have an account in the system, please update the email address to match the one already in use in the system or login via a different method to associate your ORCID to your existing account.


Confirm or update email

testingolligoldahrens@mailinator.cor

or


Connect to an existing user


Confirm this email



[https://sandbox.orcid.org/
0009-0004-5013-5197](https://sandbox.orcid.org/0009-0004-5013-5197)

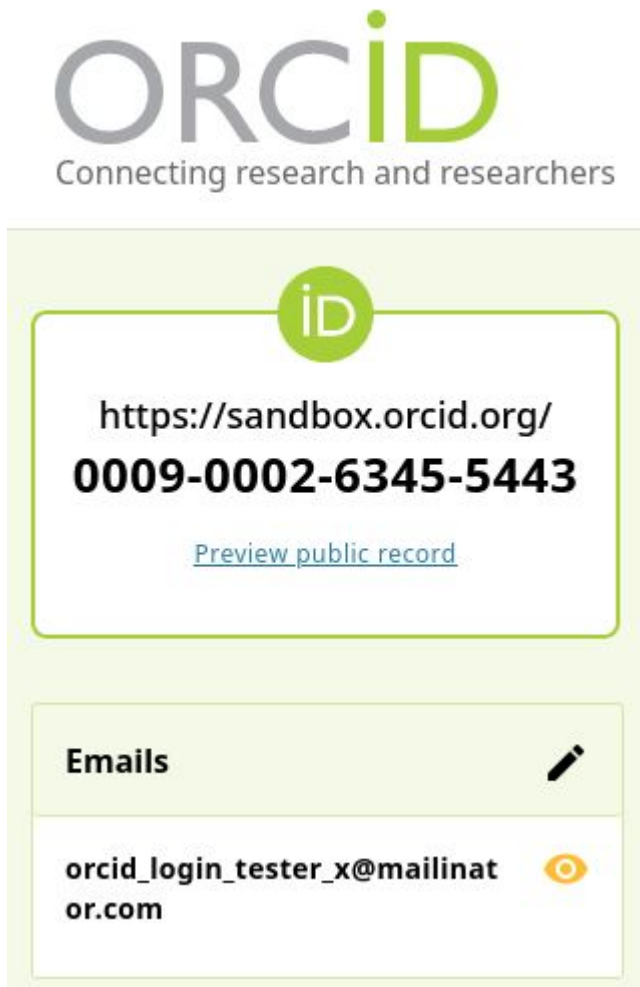
[Preview public record](#)

Emails 

testingolligoldahrens@mailinator.com 

Scenario 3: eMail visible, not matching an existing user on DSpace side (but this user exists with a different email)


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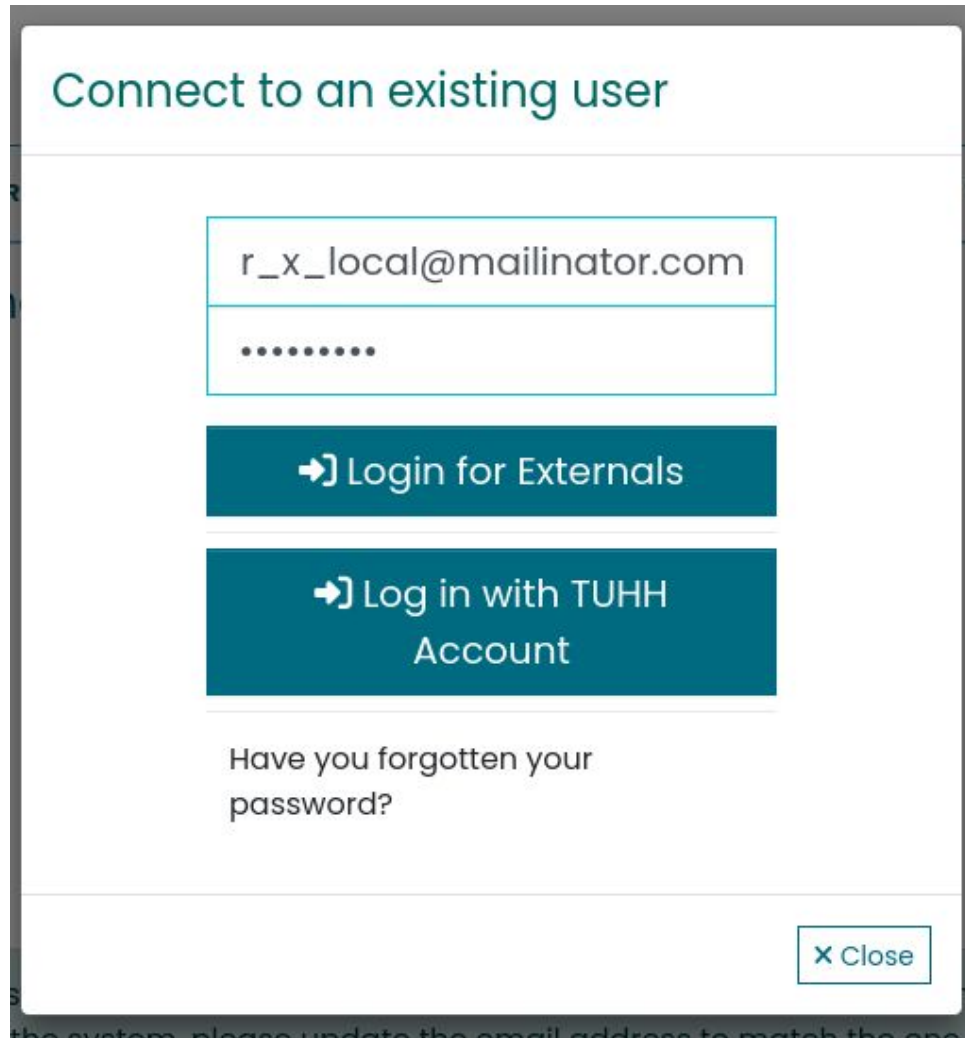
ORCID
Connecting research and researchers

iD

<https://sandbox.orcid.org/>
0009-0002-6345-5443
[Preview public record](#)

Emails 

orcid_login_tester_x@mailinator.com 



Connect to an existing user

➔ Login for Externals

➔ Log in with TUHH Account

Have you forgotten your password?

- ORCID user orcid_login_tester_x@mailinator.com is already registered on DSpace with orcid_login_tester_x_local@mailinator.com
- Use "Connect to an existing user" button and log in with the existing user

Scenario 3: eMail visible, not matching an existing user on DSpace side (but this user exists with a different email)

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Review your account information

The information received from ORCID differs from the one recorded in your profile. Please review them and decide if you want to update any of them. After saving you will be redirected to your profile page.

Information	Received value	Current value	Override
ORCID	0009-0002-6345-5443	N/A	
Email	orcid_login_tester_x@mailinator.com	orcid_login_tester_x_local@mailinator.com	<input type="checkbox"/> OFF
Firstname	Oliver	✓	
Lastname	Tetsingorcid	Testahrens	<input type="checkbox"/> OFF
Orcid	/person/update		

Save

iD

[https://sandbox.orcid.org/
0009-0002-6345-5443](https://sandbox.orcid.org/0009-0002-6345-5443)

[Preview public record](#)

Emails

orcid_login_tester_x@mailinat
or.com

Scenario 4: private eMail address, existing user on DSpace side

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Information needed to complete the login process

ORCID

0009-0001-6636-4670

Last name

Goldahrens

First name

Another

The information received from ORCID are not sufficient to complete the login process. Please provide the missing information below, or login via a different method to associate your ORCID to an existing account.

Provide email

Enter the email

or

Connect to an existing user

Send Verification link

https://sandbox.orcid.org/
0009-0001-6636-4670

[Preview public record](#)

Emails

anothergoldahrens@mailinator.com

Scenario 5: private eMail address, user not existing on DSpace side

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id

<https://sandbox.orcid.org/0009-0008-1416-9540>

[Preview public record](#)

Emails

orcid_login_tester_3@mailinator.com

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Information needed to complete the login process

ORCID
0009-0008-1416-9540

Last name
Testingorcid

First name
Oliver

The information received from ORCID are not sufficient to complete the login process. Please provide the missing information to associate your ORCID to an existing account.

Provide email

Enter the email or

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Confirmation email sent

We have sent an email to the provided address to validate your input. Please follow the instructions in the email to complete the login process.

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Information needed to complete the login process

ORCID
0009-0008-1416-9540

Last name
Testingorcid

First name
Oliver

Email
orcid_login_tester_3@mailinator.com

It seems that you have not yet an account in this system. If this is the case, please confirm the data received from ORCID and a new email address. Otherwise, if you already have an account in the system, please update the email address to match the one already in use in the system. Please provide the missing information to associate your ORCID to an existing account.

Confirm or update email

orcid_login_tester_3@mailinator.com or

Summary and open sites



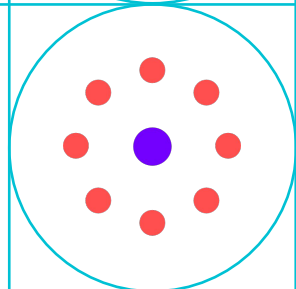
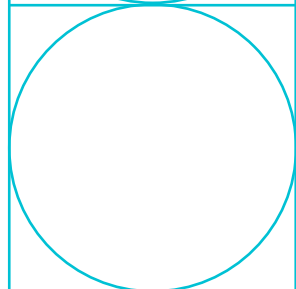
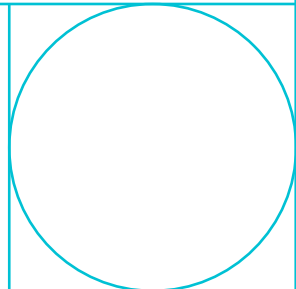
- Project successfully finished
- Handling hidden / private email addresses on ORCID side can be considered as solved on DSpace-CRIS now
- Integrated into DSpace-CRIS 2023.02.00
- Plan to get ported to generic DSpace after the project (DSpace Community signalled, that this would be a useful feature, but maybe there are some adjustments needed to get it ported)
- It works with the member API, Public API has not been thoroughly tested (however, it should work as well)
- Not active on TORE so far (due to a bug in the login context we were not able to update to DSpace-CRIS 2023.02.00 so far)

Time for questions
and feedback

<https://tore.tuhh.de>

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