A CRIS-ORCID HUB in Italy

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**FCT|FCCN (Portugal)**
- **Give**: PTCRISync: ORCID Synchronization Framework
- **Take**: CERIF Model | CERIF Services | CERIF REST API | CERIF OAI | DSpaceCRIS

**CSUC (Catalonia)**
- **Give**: CERIF validator | DSpaceCRIS early adaptor
- **Take**: DSpace-CRIS | CERIF OAI

**CINECA (Italy)**
- **Give**: DSpace-CRIS | ORCID HUB | upgrades | roadmap
- **Take**: ORCID Synchronization Framework | CERIF REST API | CERIF OAI

**EKT (Greece)**
- **Give**: CERIF Model | CERIF Services | CERIF XML | CERIF REST API | CERIF OAI | upgrades
- **Take**: Contribution
Promoting the national adoption of ORCID

www.cineca.it | A CRIS-ORCID HUB in Italy | euroCRIS Strategic Membership Meeting | November 2015 | Barcelona
What we have done

**ORCID Consortium Agreement**
- Cineca (lead)
- ANVUR
- CRUI

**I.R.ID.E Project**

**ORCID ID**
Mandatory for the National Assessment (Nov. 2015)

**Working Groups**
- Cineca (lead)
- ANVUR
- Universities
- Research Inst

**ORCID HUB**
Integration with a central component to facilitate ID adoption

**Documents**
- For end users
- ORCID FAQ translation + ad hoc FAQ
- ORCID website
- Researcher UI

**Events**
- Universities
- Webinars
- Tutorials

[www.cineca.it](http://www.cineca.it) | A CRIS-ORCID HUB in Italy | euroCRIS Strategic Membership Meeting | November 2015 | Barcelona
ORCID adoptions in Italy – data at 10/11/2015

- 5-10 Universities / week
- national database
- 1 University

new ORCID | Cumulative ORCID

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Authorizations to interact with ORCID Profile

- **ORCID HUB**
  - YES: 98%
  - NO: 2%
- **National Database**
  - YES: 94%
  - NO: 6%
The ORCID Hub

- Get authorization by researchers for different applications at the same time to allow the use of future services without additional effort.
- Provide additional services to incentivize the use of ORCID.
- Provide basic tools for institutions that do not have local systems.

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The ORCID Hub

Store & collect authorization tokens for all the integrated applications

National

HUB

Sito Docente LoginMIUR

orcid.org

Any other integrated application
Collected authorization tokens for all the integrated applications can be downloaded by the administrators of the single application as XLS files, retrieved using REST WS or received in realtime as POST notification from the Hub to the registered application endpoint.
Additional service

[Institution #1]

I.R.I.D.E. HUB

[Institution #2]

[Institution #3]
The administrators of an integrated application will be able to use their ORCID credential to download data from the ORCID registry as XLS files. The same file can be manipulated offline and upload in the system to propagate the changes to the ORCID registry. The Hub will use the application collected authorization to operate the read/write actions.
ORCID Hub – Open Source Software

https://github.com/Cineca/OrcidHub

License AGPL v3

FRONTEND

Bootstrap

ANGULARJS

YO
GRUNT
BOWER

KARMA

TRANSVERSAL

HIPSTER

MAVEN

BACKEND

spring boot

spring DATA

spring MVC

spring security

spring METRICS

LIQUIDBASE

DATA

SQL

ORACLE

HIBERNATE

JAVA
How it works
The Create or associate ORCID button include an OTT (one time ticket) generated by the application using the Hub integration-WS. In this way the Hub known which users is loggedin
Gentile Davide ROMANINI,

tramite questa e-mail è possibile avviare il processo di acquisto e/o associazione di un identificativo ORCID per tutte le applicazioni registrate per la sua istituzione. Di seguito sono riportate alcune brevi informazioni su ORCID.

Cosa è ORCID

Perché utilizzare ORCID

Come fare per ottenere un ORCID

Ho già un ORCID, come posso associarlo

Altre domande

Le seguenti applicazioni sono riconducibili alla sua istituzione, la invitiamo a concedere l'autorizzazione ad operare su ORCID per tutte le applicazioni al fine di beneficiare del maggior numero possibile di servizi. Potrà revocare le autorizzazioni concesse in qualsiasi momento a partire dal suo profilo ORCID.

**One time ticket authentication**

**FAQ link to the full ORCID FAQ in Italian**

**Applications list depending on the institution specified by the client during OTT creation**

**Creation or association direct button**
Prefilled by the Hub using data provided by the client application during OTT creation.
Authorize all applications in the list_1

IRIS for University 1 has asked for the following access to your ORCID Record:

- Read your ORCID record
- Read your biographical information
- Add a person identifier
- Add works
- Update your works

Allow this permission until I revoke it.
You may revoke permissions on your account settings page. Unchecking this box will grant permission this time only.

This application will not be able to see your ORCID password, or other private info in your ORCID Record. Privacy Policy.

Deny  Authorize
Authorize all applications in the list_2
Association done – redirect on the original application
Other applications receive notification

When the process complete or the ORCID has been already claimed from another application integrated with the Hub, the ORCID is shown.
Sequence flow

1. WS getTokenByLocalID (Tax Number)
2. WS getOTTByLocalID (Tax Number)
3. OTT (one time ticket)
4. API-KEY DB Authentication token
5. ORCID
6. Authorizations
   - IRIS
   - Hub
   - LoginMIUR
7. National ORCID authorization Hub
8. Other systems

LoginMIUR
IRIS
Other systems
Thanks for your attention

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