

What's in the future of open IRs and their communities?

II Encontro – July 21, 2021

Rede Sudeste De Repositórios Institucionais

Michele Mennielli - LYRISIS

Tiago Ferreira – FIOCRUZ and NEKI

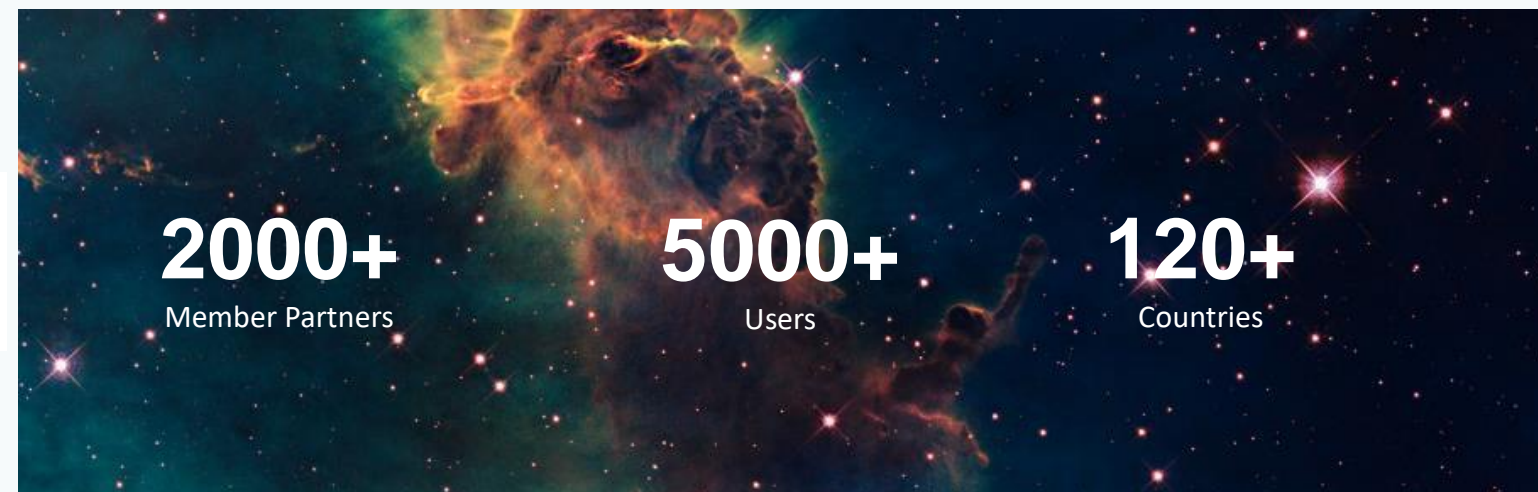
About me



Not-for-Profit



Open Source



Open Source Community Supported Programs

- ✓ Software and Community Dev Built by, for and with communities
- ✓ Identify with common needs
- ✓ Affordable



ArchivesSpace
a community served by ✦ LYRASIS



DSPACE

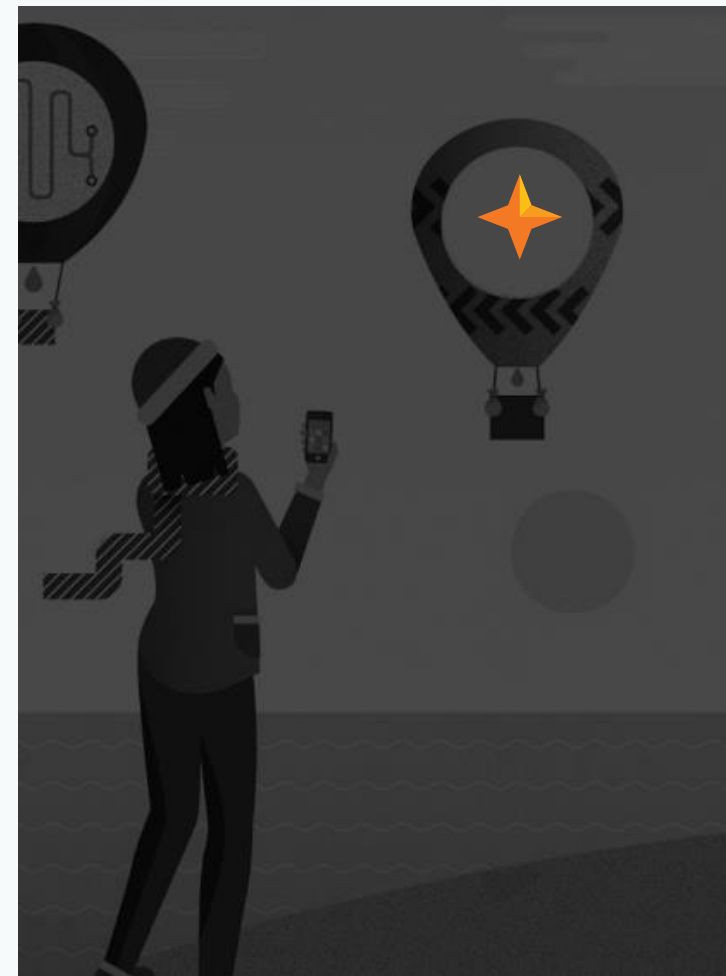
Fedora™

VIVO

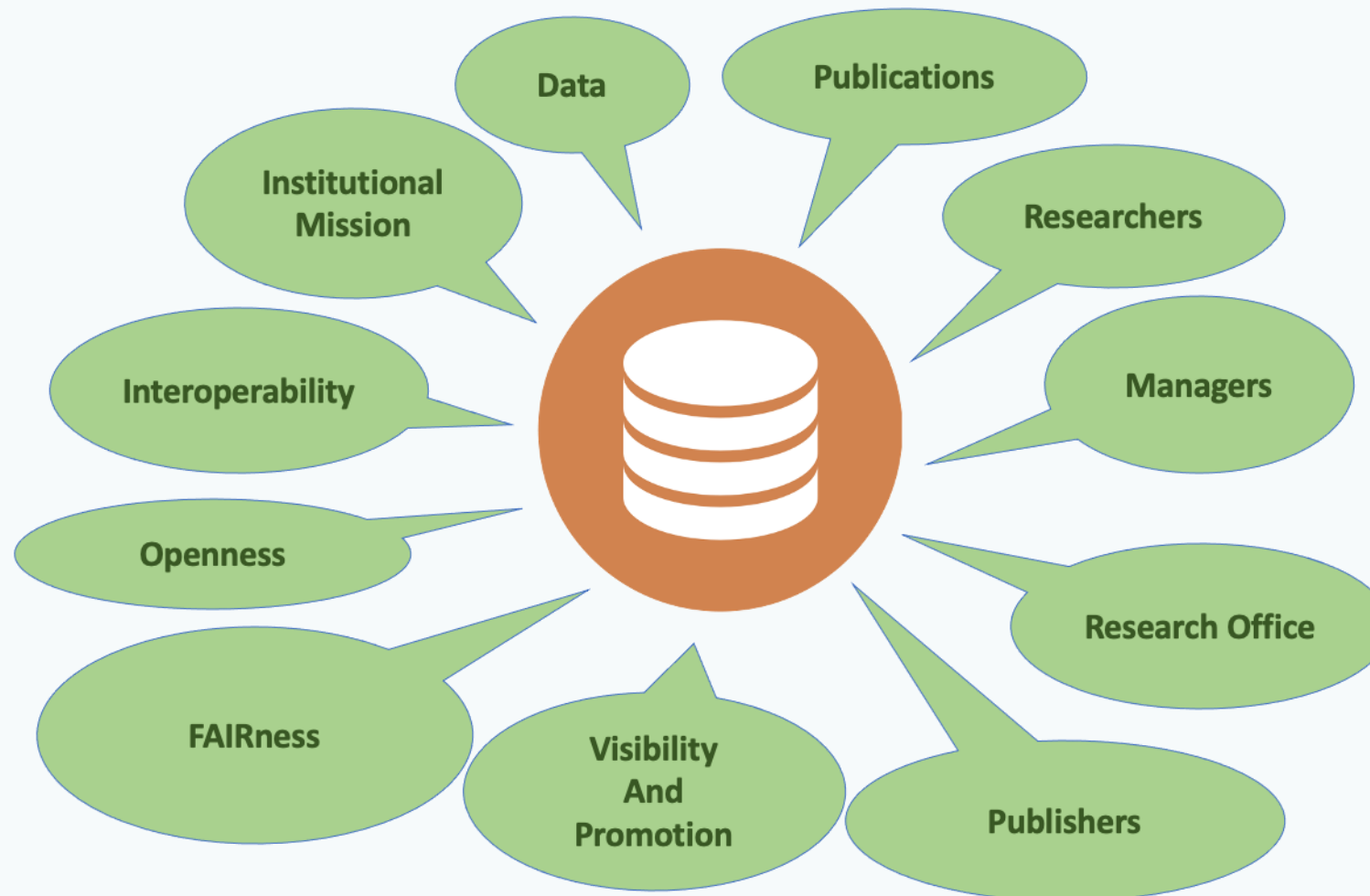
connect • share • discover



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Talking about repositories means...



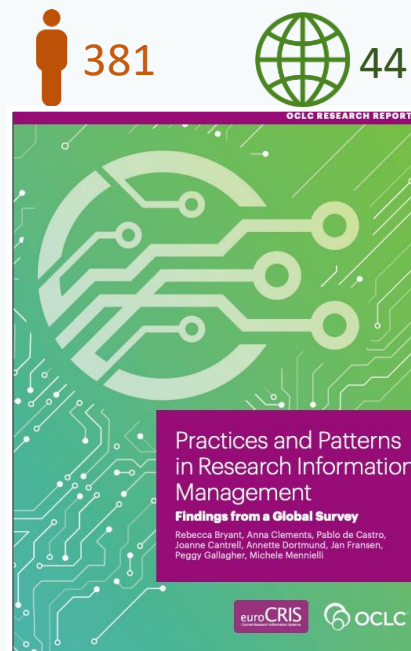
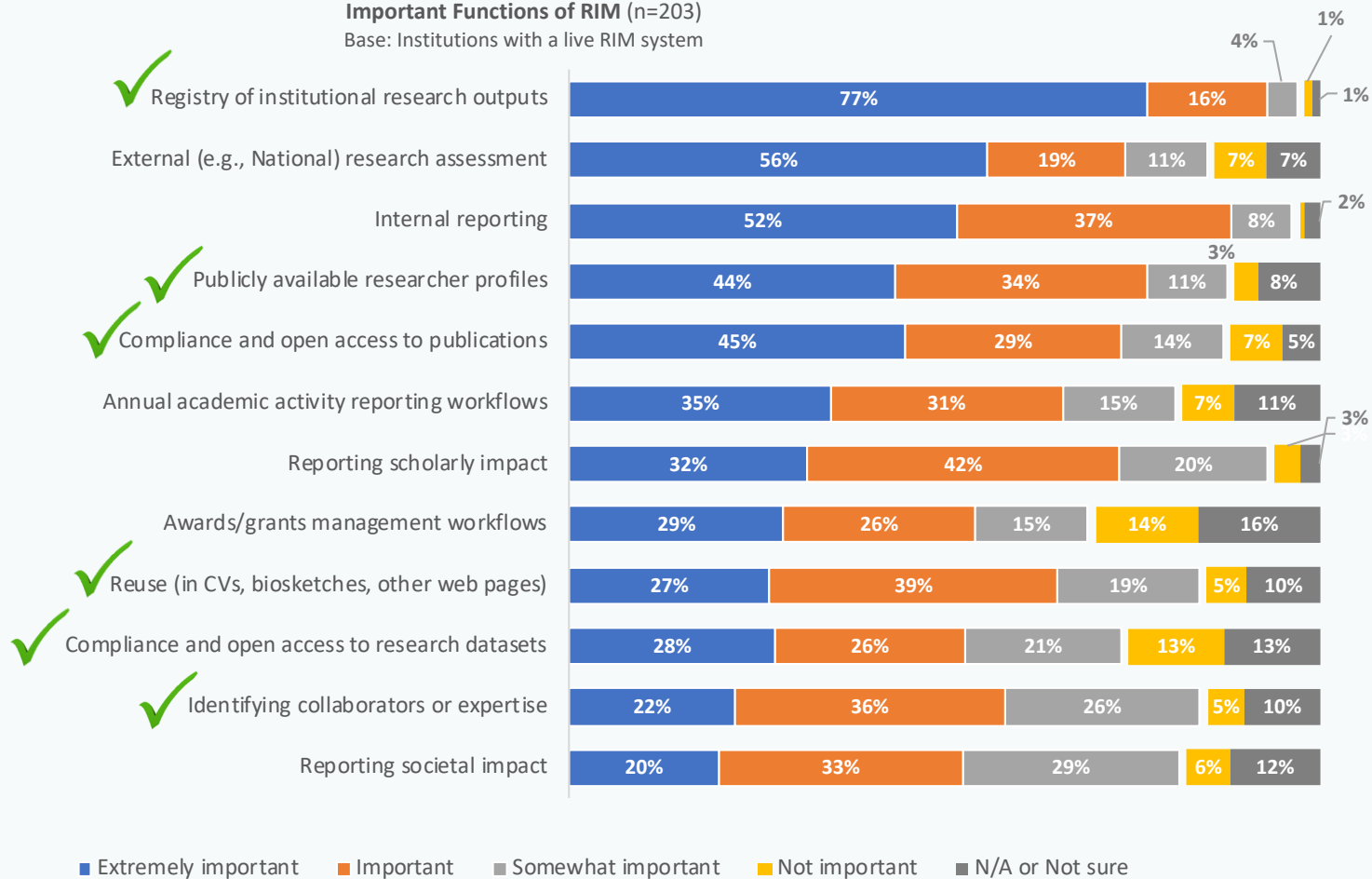
Simply complex



The role of a Repository within an ecosystem

Important Functions of RIM (n=203)

Base: Institutions with a live RIM system

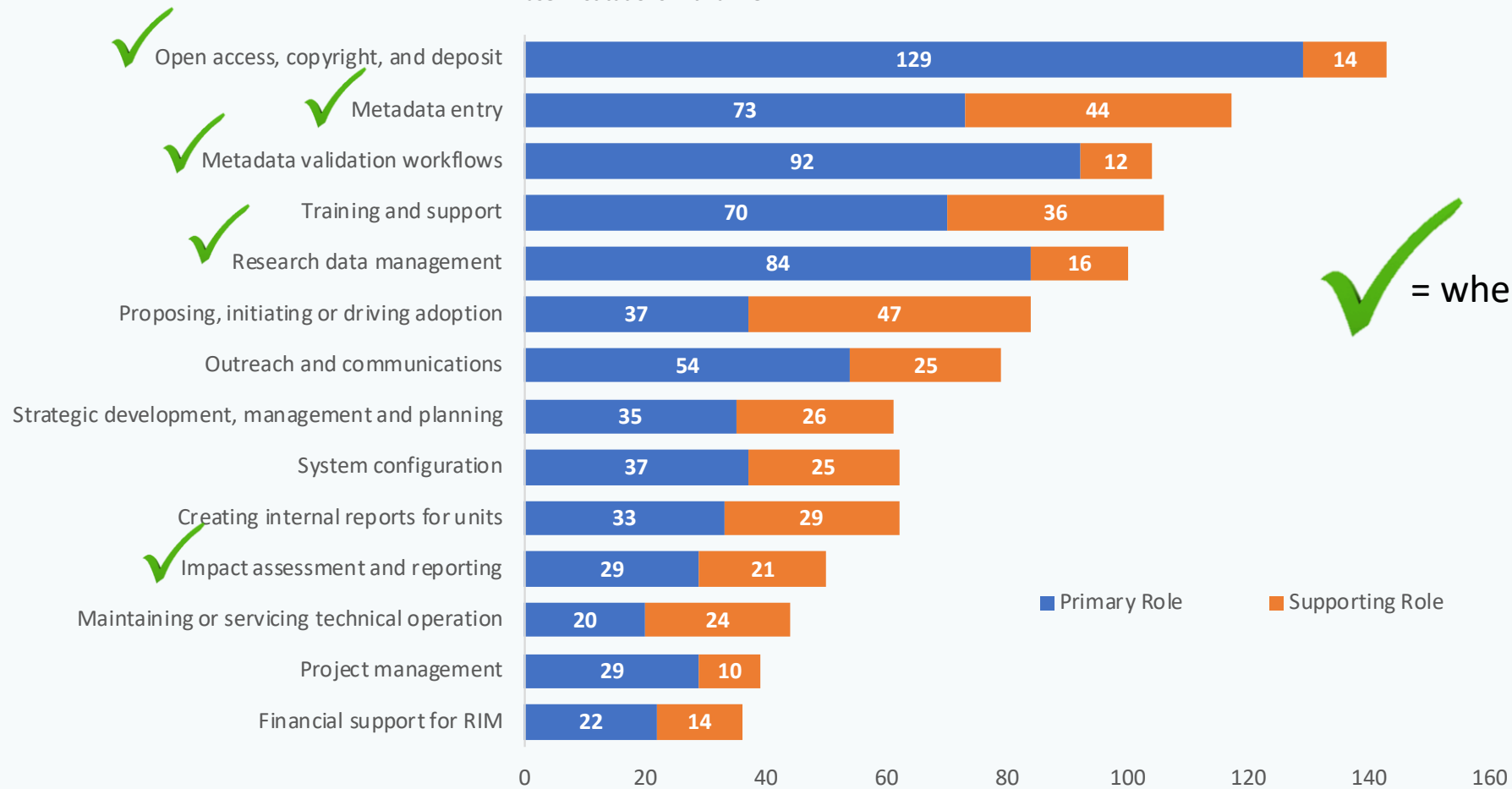


✓ = where IR plays a role

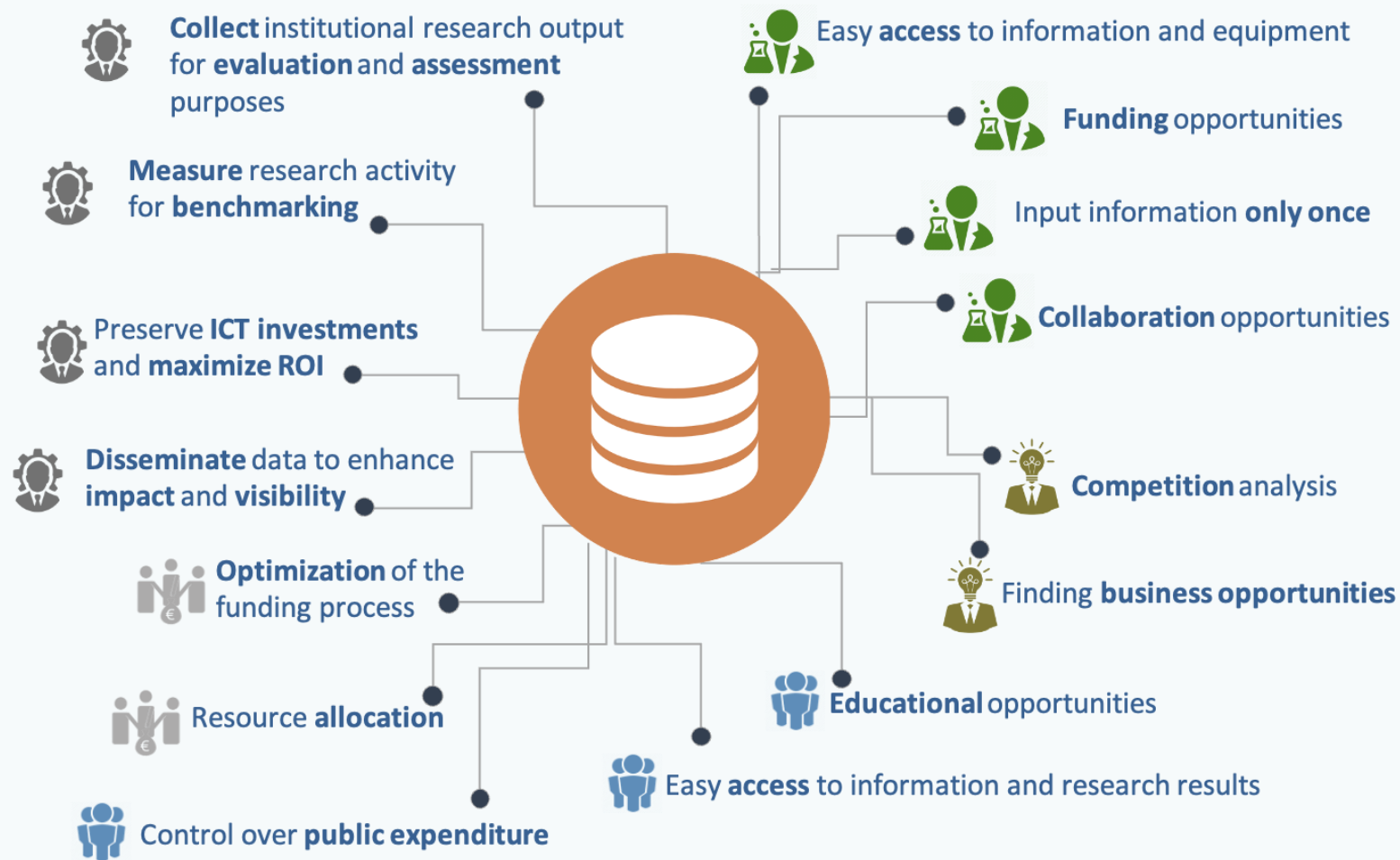
Library and Repository

RIM Activities for which the Library Plays a Role (n=172)

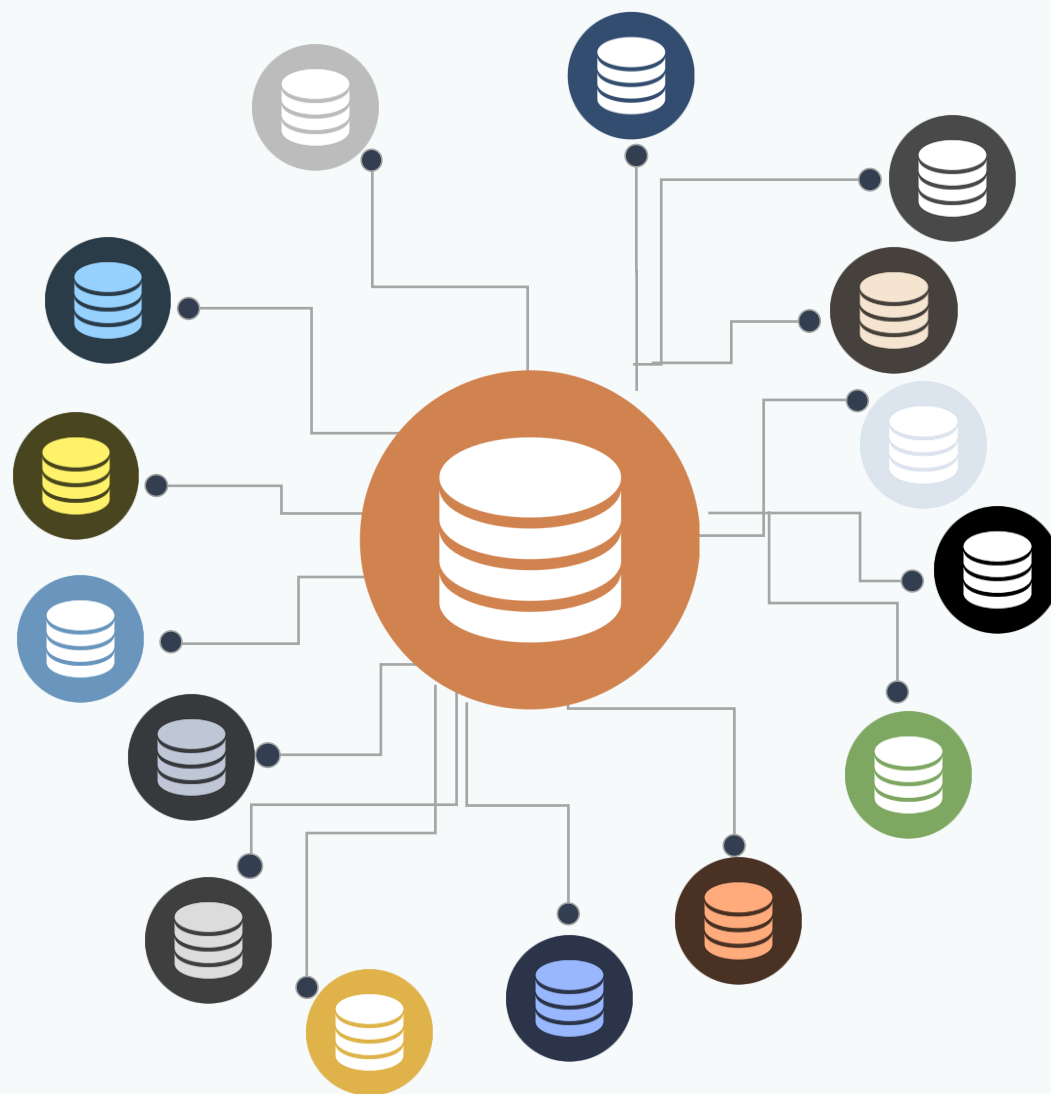
Base: Institutions with a live RIM



Strategically serving the institutional mission



Interoperable Network



The COAR work and vision



Next Generation Repositories

Behaviours and Technical Recommendations of the COAR
Next Generation Repositories Working Group

November 28, 2017



Northern lights, Norway

#nextgenrepositories @COAR_ev office@coar-repositories.org

Notify: Repository and Services Interoperability Project



Principal Investigators

1. Kathleen Shearer, COAR
2. Martin Klein, Los Alamos National Laboratory
3. Paul Walk, COAR

Technical Advisor

- Herbert Van de Sompel

Project Overview

Our current research and social context – the coronavirus pandemic, economic upheaval, climate change, racial injustice – requires timely and reliable research results, shared by, and with, all parts of the world.

On January 28, 2021, COAR launched the *Notify: Repository and Services Interoperability Project*. The aim of this project is to develop a standard and interoperable approach that will link reviews and endorsements from different services with the research outputs housed in the distributed network of preprint servers, archives, and repositories.

COAR has already developed a proposed model for (bi-directionally) linking

Links and Resources

- CNI presentation – March 2021
- Notify documentation

Not just Tech but People networks



Talking about networks...

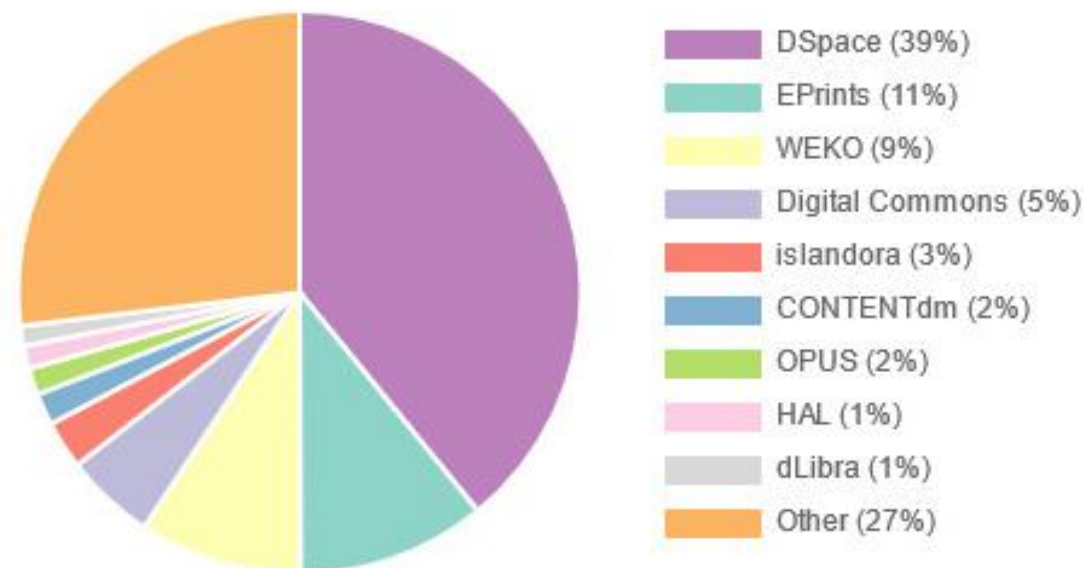
DSpace most widely adopted for repositories
OpenDOAR Statistics

https://v2.sherpa.ac.uk/view/repository_visualisations/1.html

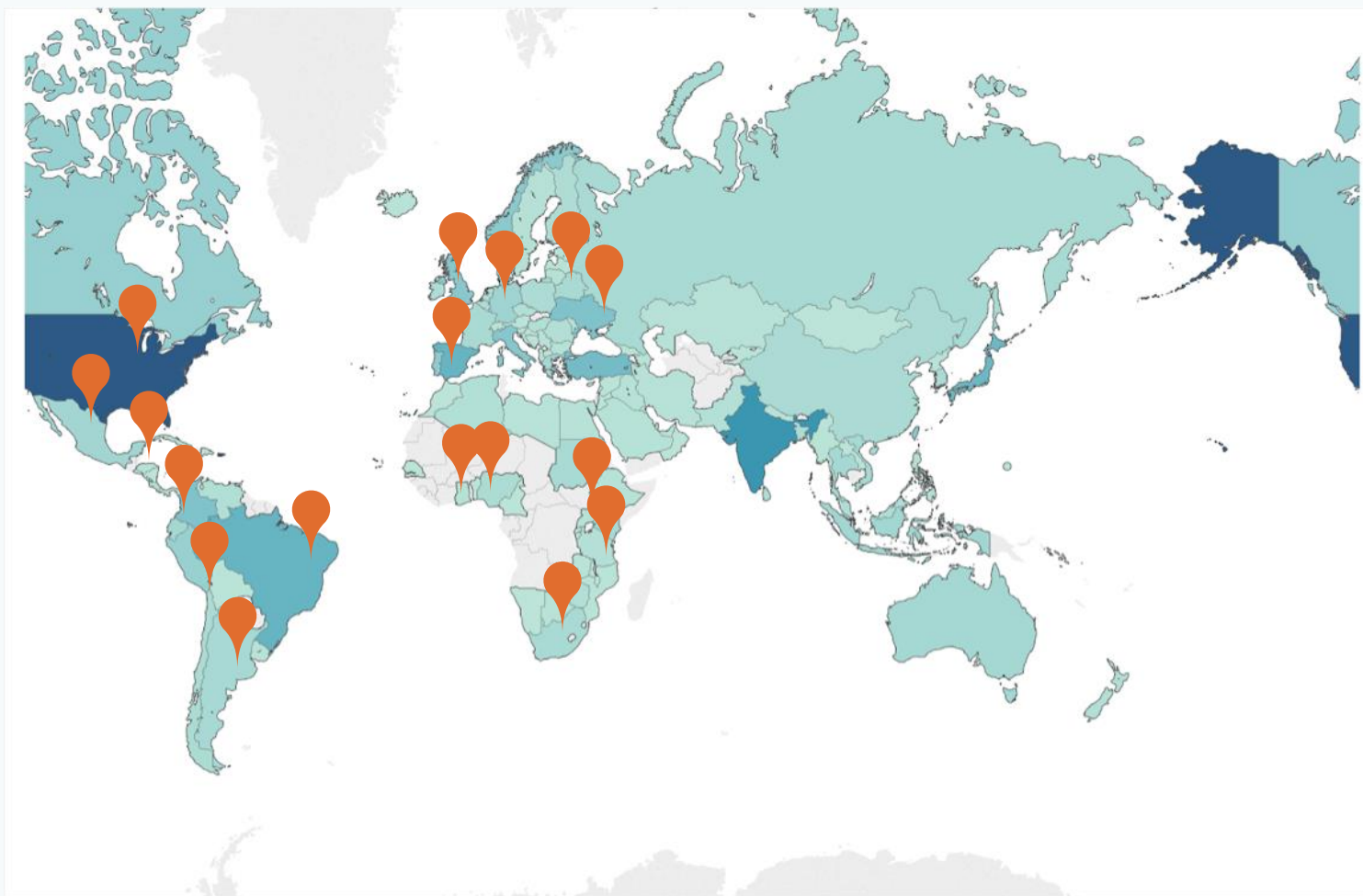
DSpace

- ★ >3,000 *known* instances
- ★ 120+ countries
- ★ 20+ languages
- ★ 18 Registered Service Providers (in 19 countries)

Software Platforms Overview



Strengthening a community, building a network



Map based on Longitude (generated) and Latitude (generated). Color shows sum of Number of Records. Details are shown for Country.

National User Groups

Slack channel: #dspace-XX

UG WIKI pages

Mailing list

National Coordinators

Country webinars

Belarus

Germany

Ghan

Argentina

Brazil

Central America

Chile

Ecuador

Spain

Mexico

Peru

Nigeria

North America

South Africa

Tanzania

Turkey

Uganda

Ukraine

UK

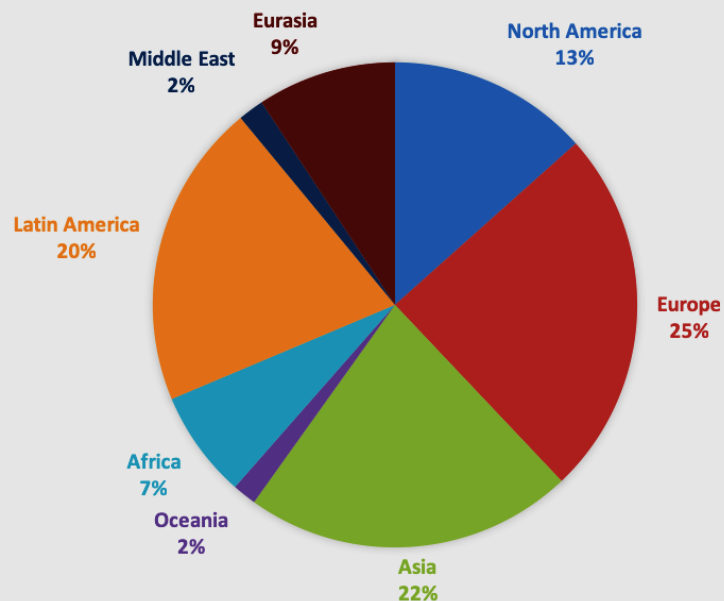
Still lots to do...

>3,000 *known*
instances

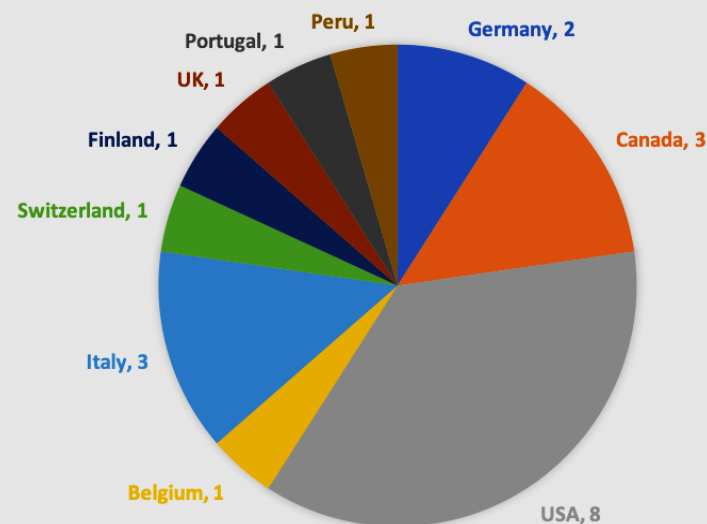
VS

93 Members

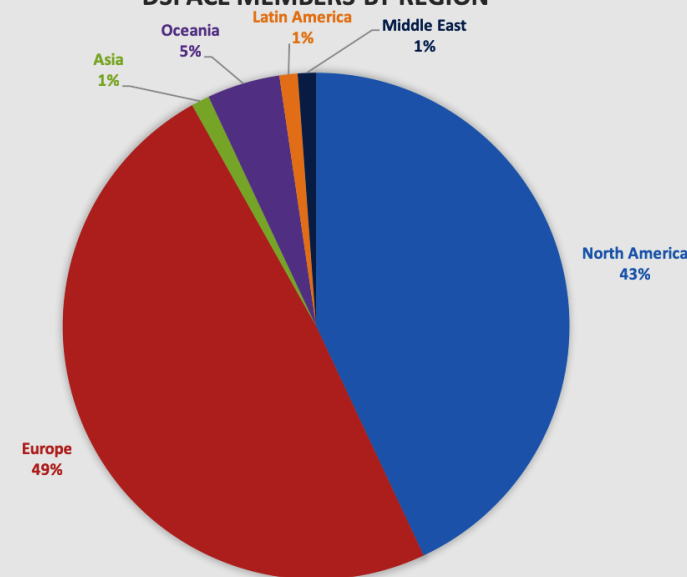
DSPACE INSTALLATIONS BY REGION



DSPACE LEADERS - COUNTRIES



DSPACE MEMBERS BY REGION



Open Technologies need your support and contribution: developemnt and membership

Support network

Rede Sudeste

- ★ 75 Institutions and growing
- ★ Sharing knowledge
- ★ Building skills
- ★ Empowering Open Science and Open Access



Support network

Brazilian Dspace User Group



20 webinars presented (Oct, 2020)
More than 150 registrations per webinar

Google Groups (since 2013)
452 users (Jun, 2021)

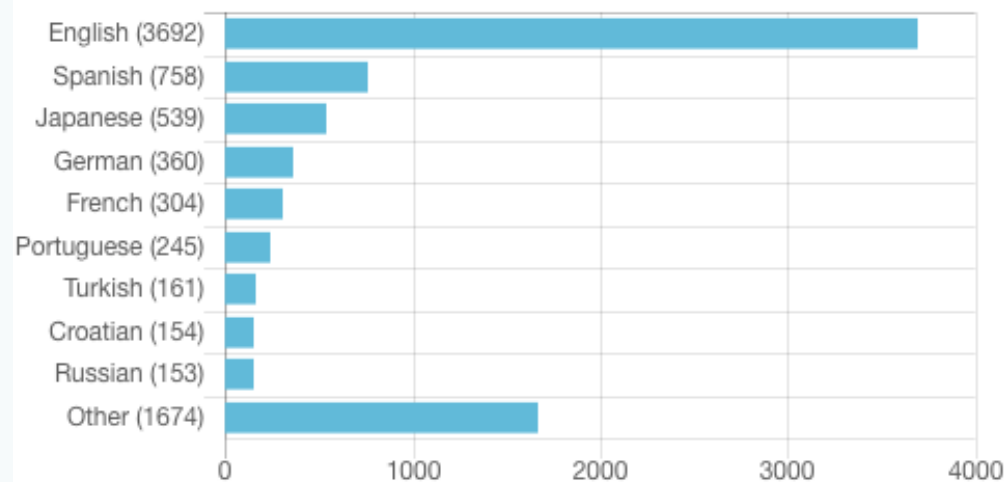
Slack Channel (since 2018)
63 users (Jun, 2021)

Sharing globally

Internationalization and Globalization

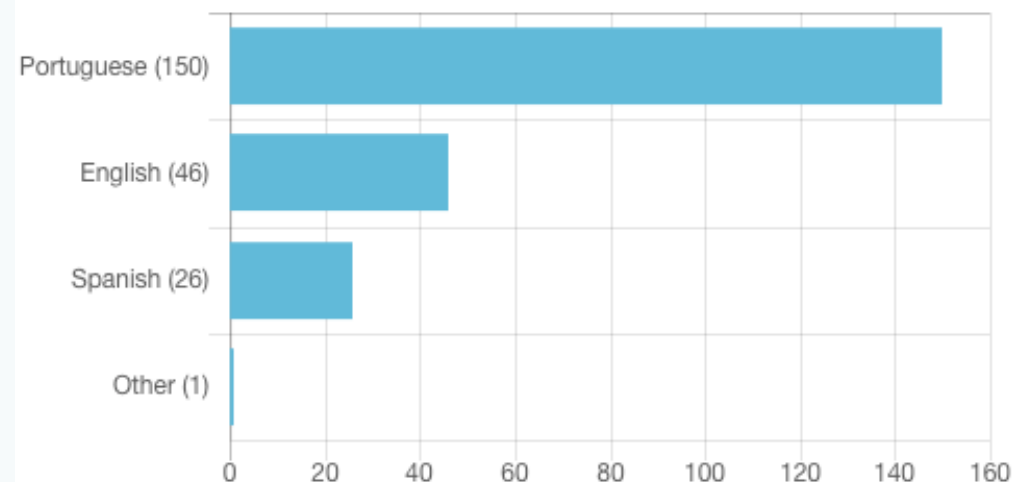
World

Content Languages Overview



Brasil

Language of Content

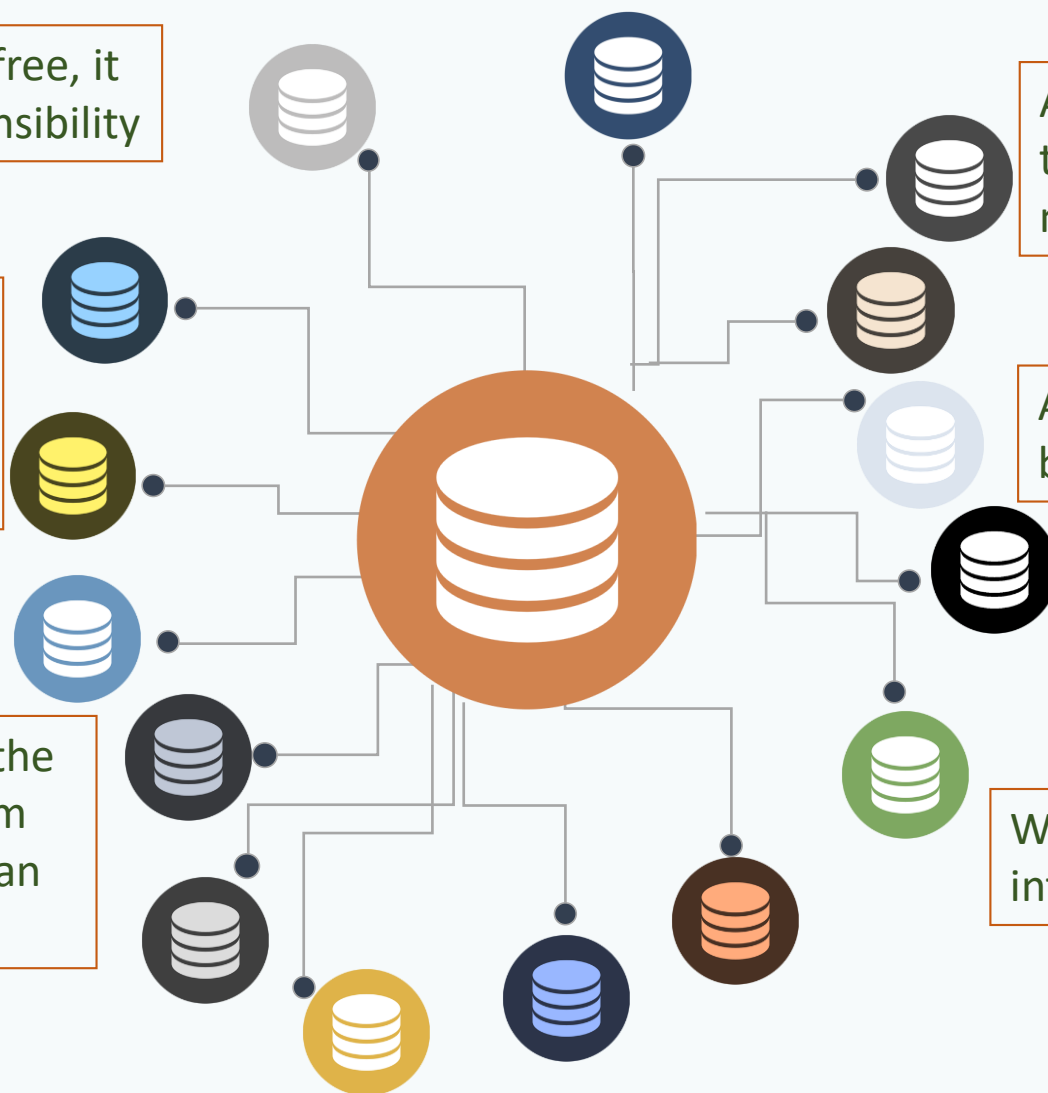


Conclusions

Open Source is not free, it is a collective responsibility

We need to adopt global standards for exchange, share and access information globally

We need to think about the big picture, the ecosystem we're serving, and build an Open Ecosystem



A Repository is a strategic tool that supports the institutional mission

A repository is not a static archive but a dynamic "data agora"

We need to globally support interoperability to allow data flow

Thanks!
Questions?

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Michele Mennielli – LYRISIS - michele.mennielli@lyrasis.org

Tiago Ferreira – FIOCRUZ and Neki – tiago.ferreira@icict.fiocruz.br