

Open Source, Open Practice.

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VALA TECH CAMP 2023

Open Source, Open Practice.

Open source software is woven into the fabric of a lot of technology we now take for granted.

But what is it? And how does it relate to libraries?

People are also adopting open practices and processes along with open technologies.

Let's explore what this means

- for libraries,
- the people who use them,
- work in them,
- and fund them.

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Source Code Knitting - Donna & Dall-E

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Ubiquitous open source



THE
APACHE[®]
SOFTWARE FOUNDATION
— ESTABLISHED 1999 —



Greenstone



Firefox

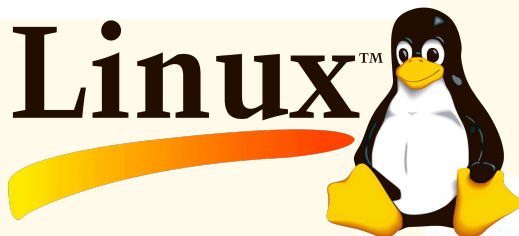
vufind



blacklight

folio 
future of libraries is open

Linux[™]



 *koha*

EVER  GREEN[™]

So...

What even
is Open
Source?

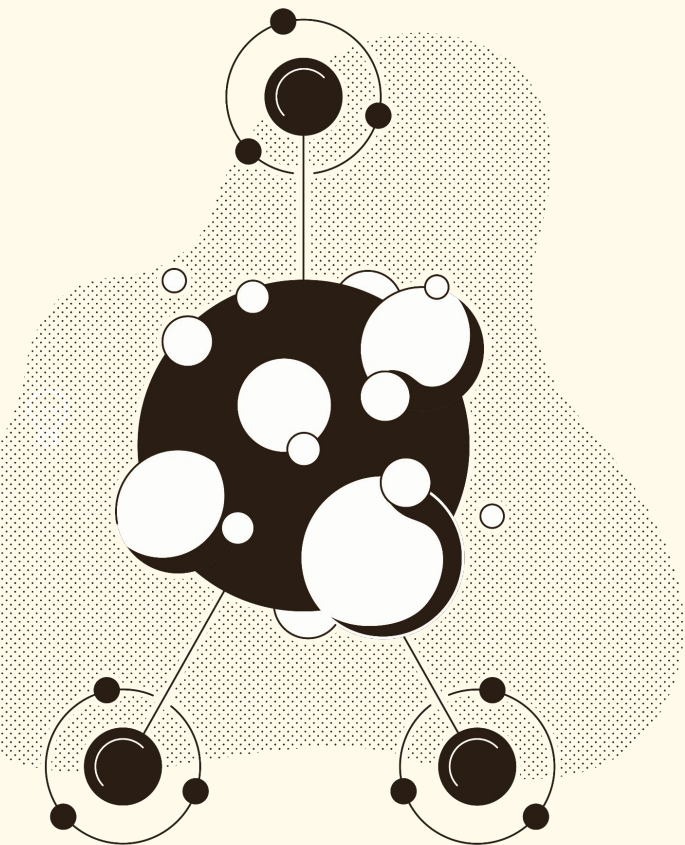
The term

Open source

refers to something people can **modify** and **share** because its design is publicly accessible.

Open source software is software with source code that anyone can **inspect** and **enhance**.





Use

Anyone can execute the software for any purpose.

View

Anyone can see the source code and understand how the software works.

Modify

Enhancements, modifications, and solutions can come from anywhere—even outside the organization.

Share

Uniting contributors around a common vision, shared purpose, and collaborative spirit leads to new developments faster.

Free Software

Freedom, not price.

A program is free software if the program's users have the **four essential freedoms**: [1]

- The freedom to run the program as you wish, for any purpose (freedom 0).
- The freedom to study how the program works, and change it so it does your computing as you wish (freedom 1).
Access to the source code is a precondition for this.
- The freedom to redistribute copies so you can help others (freedom 2).
- The freedom to distribute copies of your modified versions to others (freedom 3).
By doing this you can give the whole community a chance to benefit from your changes. Access to the source code is a precondition for this.

<https://www.gnu.org/philosophy/free-sw.html>



Open Source Definition

The distribution terms of open-source software must comply with the following criteria:

1. Free Redistribution
2. Source Code
3. Derived Works
4. Integrity of The Author's Source Code
5. No Discrimination Against Persons or Groups
6. No Discrimination Against Fields of Endeavor
7. Distribution of License
8. License Must Not Be Specific to a Product
9. License Must Not Restrict Other Software
10. License Must Be Technology-Neutral

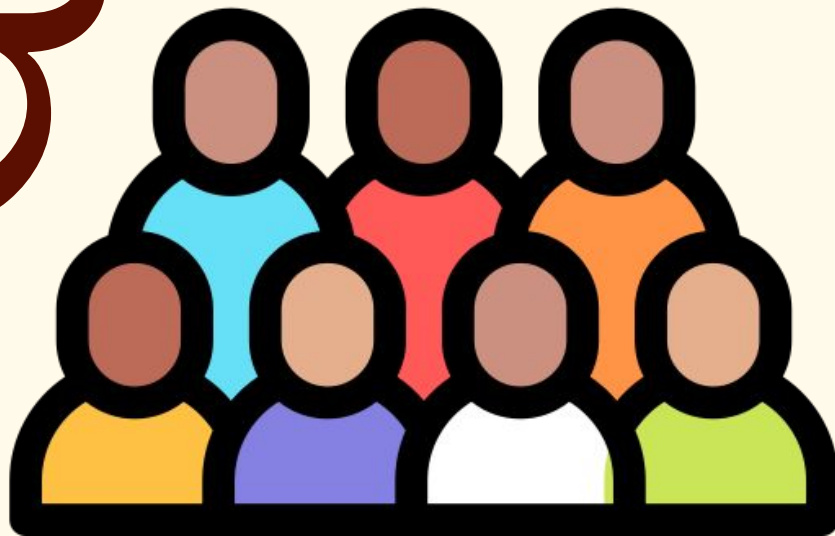
<https://opensource.org/osd/>



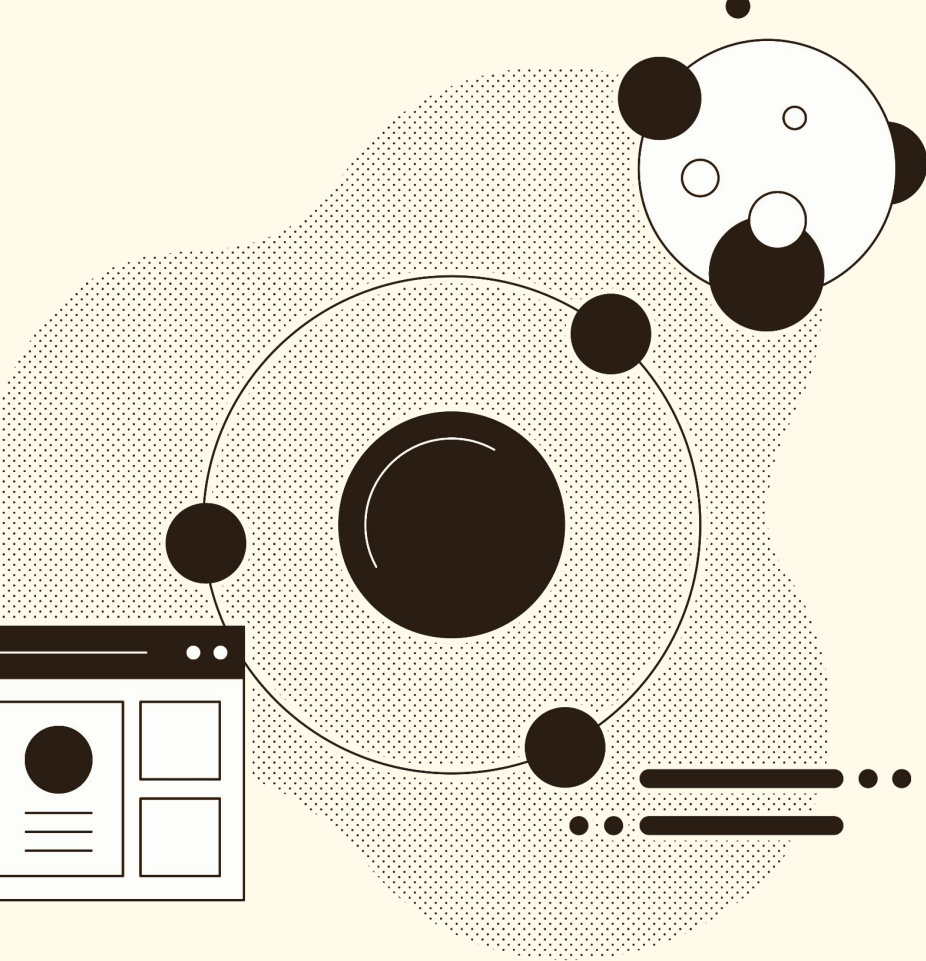
Code



&



Community



Attract and retain
better talent

Enhance business agility
and time to market

Increase software
security and reliability

Provide a framework for
collaboration

Increase
code quality

Why choose open source development?

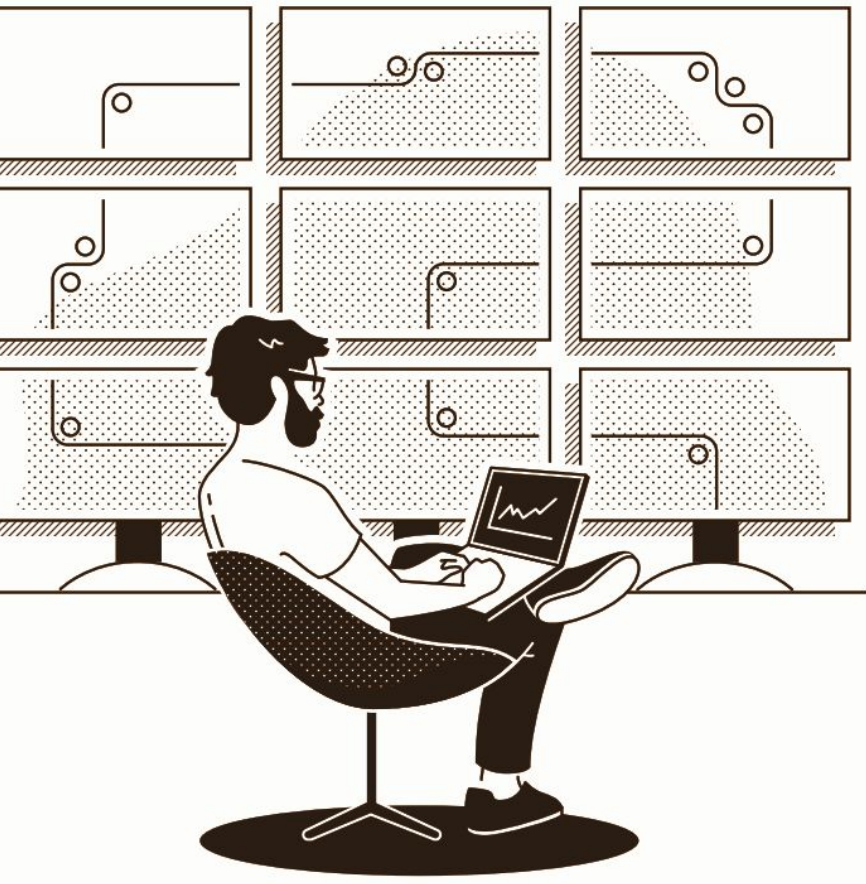
Influence direction of
technological innovation

Interact directly
with users

Scale development
effort in a community

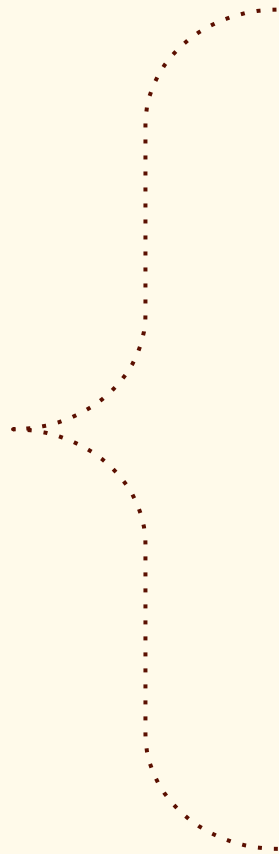


You aren't just
selecting software.
You're choosing
how to work.



What if we built our workplaces with the **same principles** that power open source communities?

open principles



transparency

inclusivity

adaptability

collaboration

community



Scrum

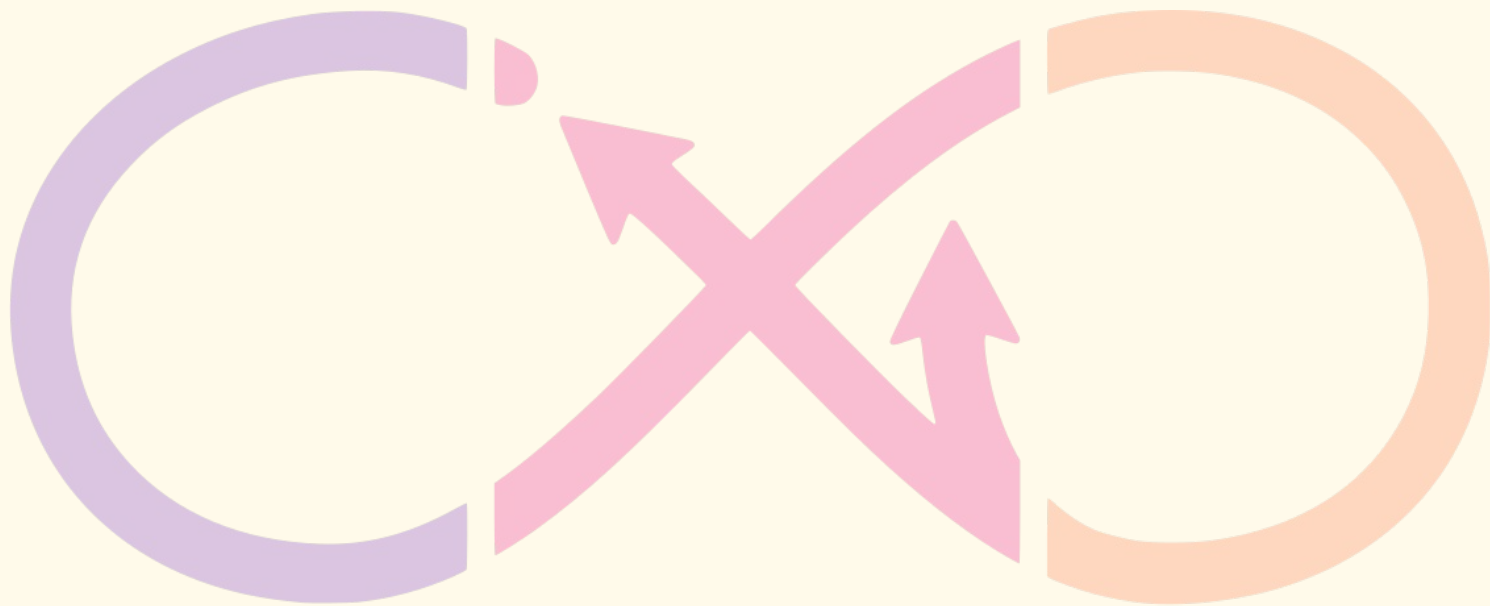
Lean

DevOps

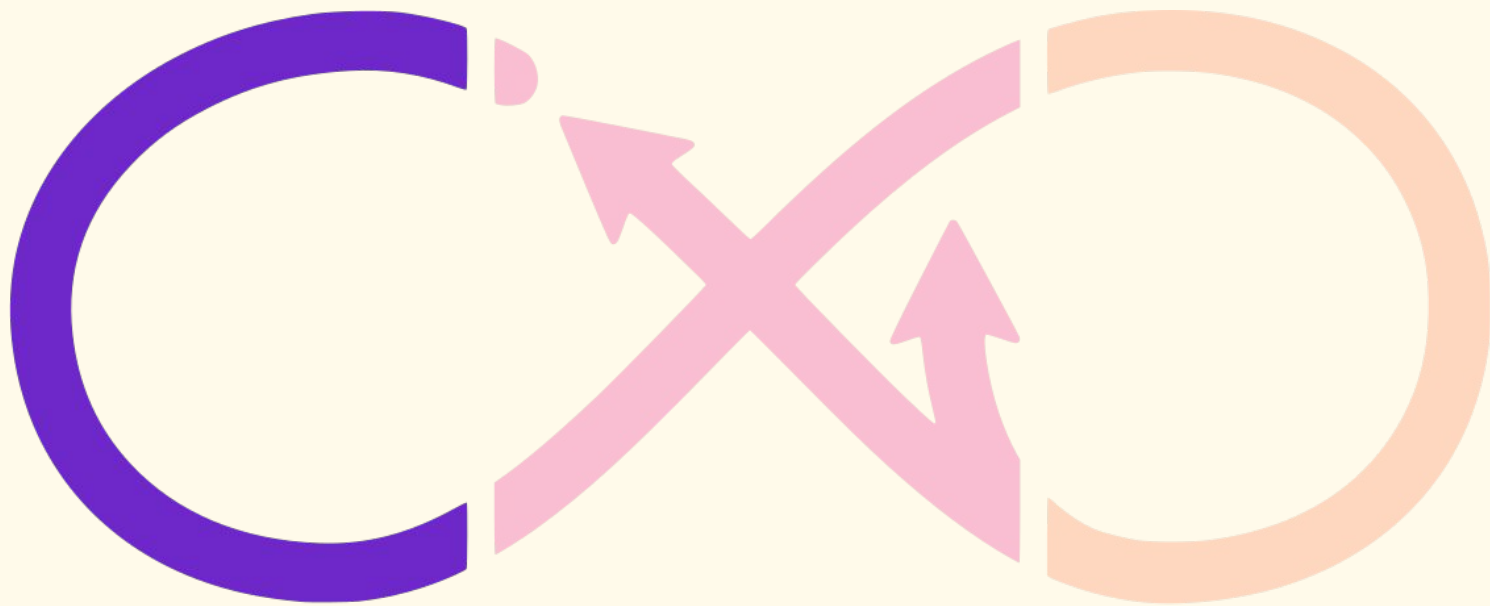
Kanban

InnerSource

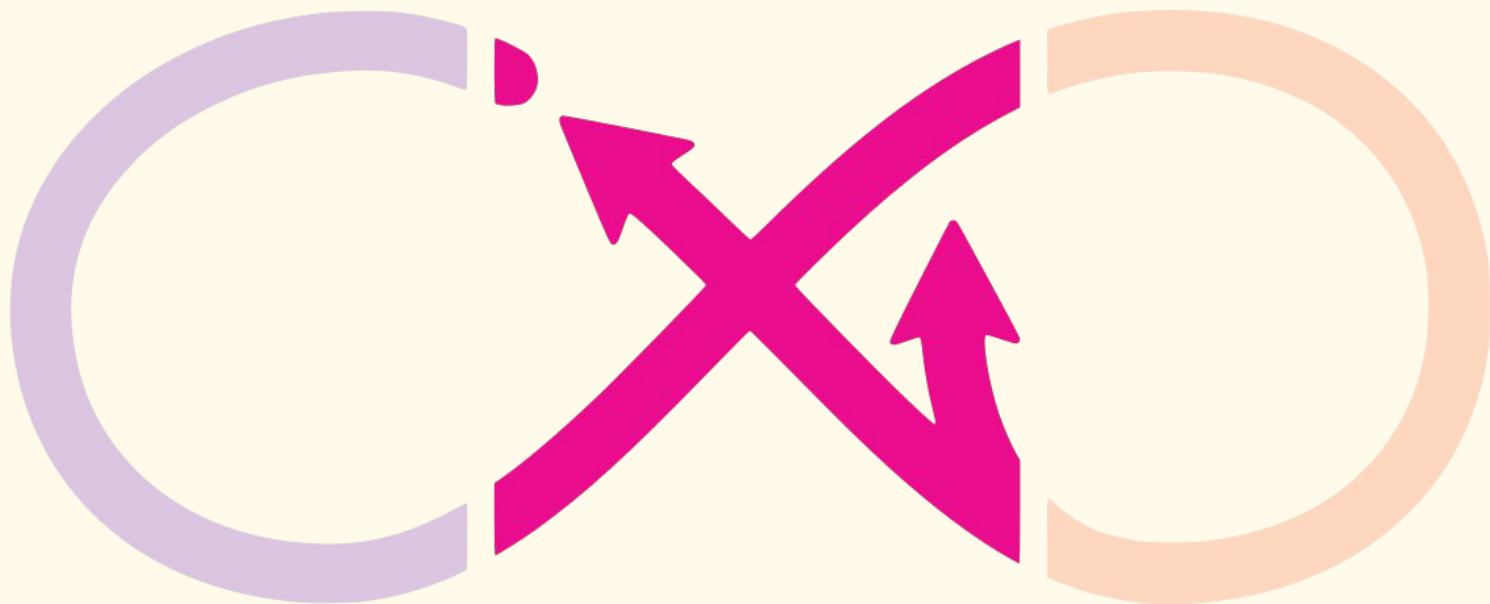
Foundation



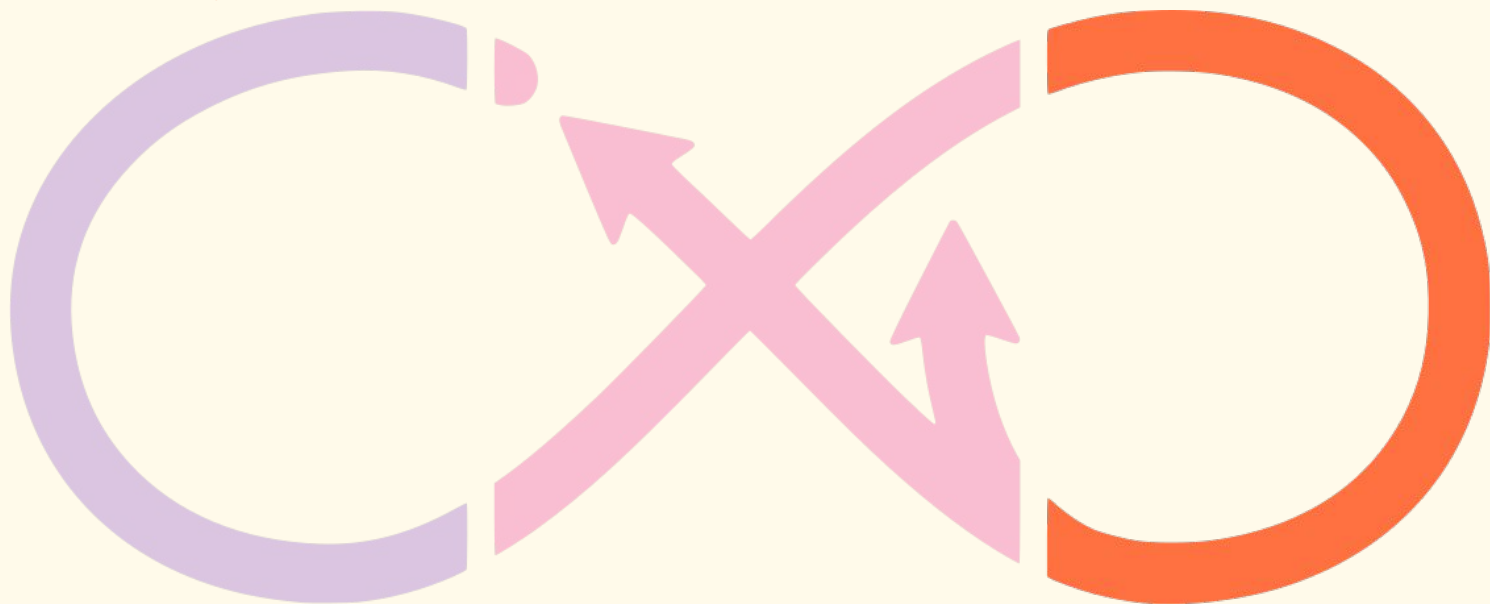
Discovery



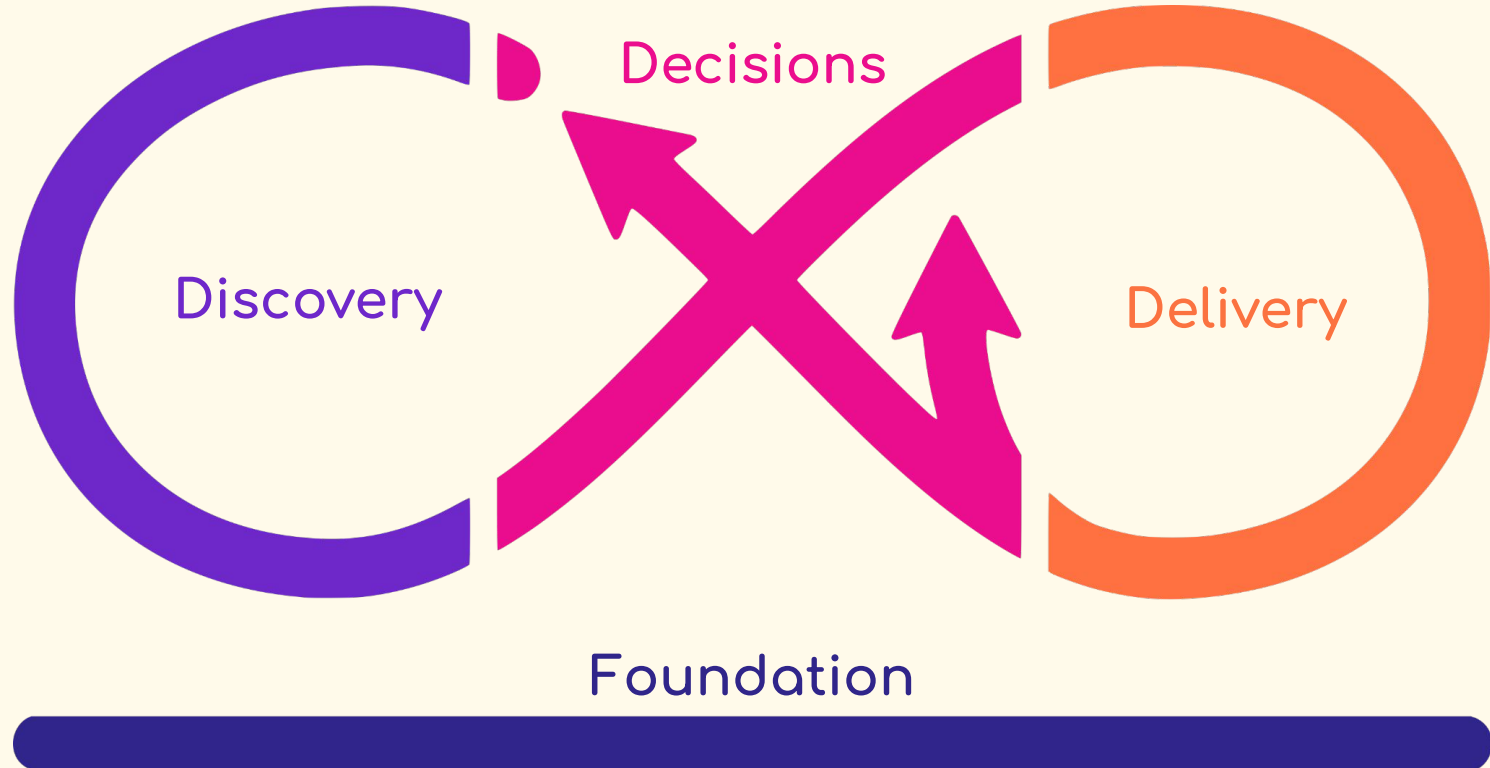
Decisions



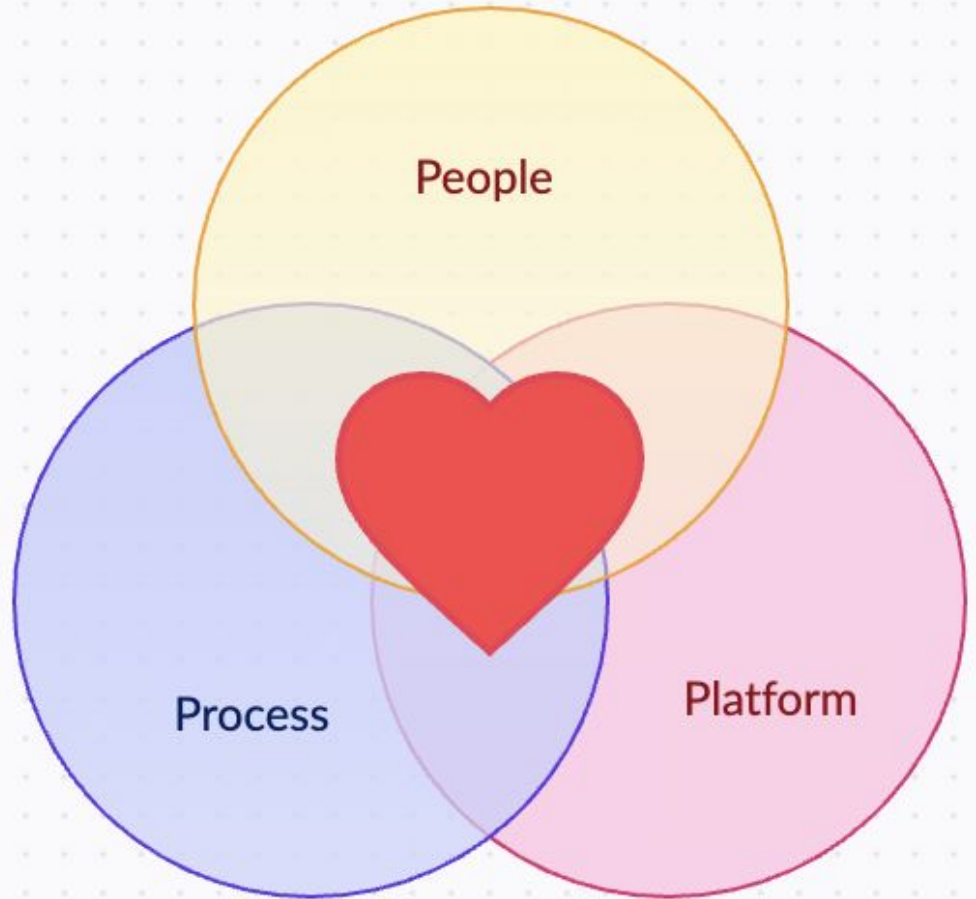
Delivery



Open Practices



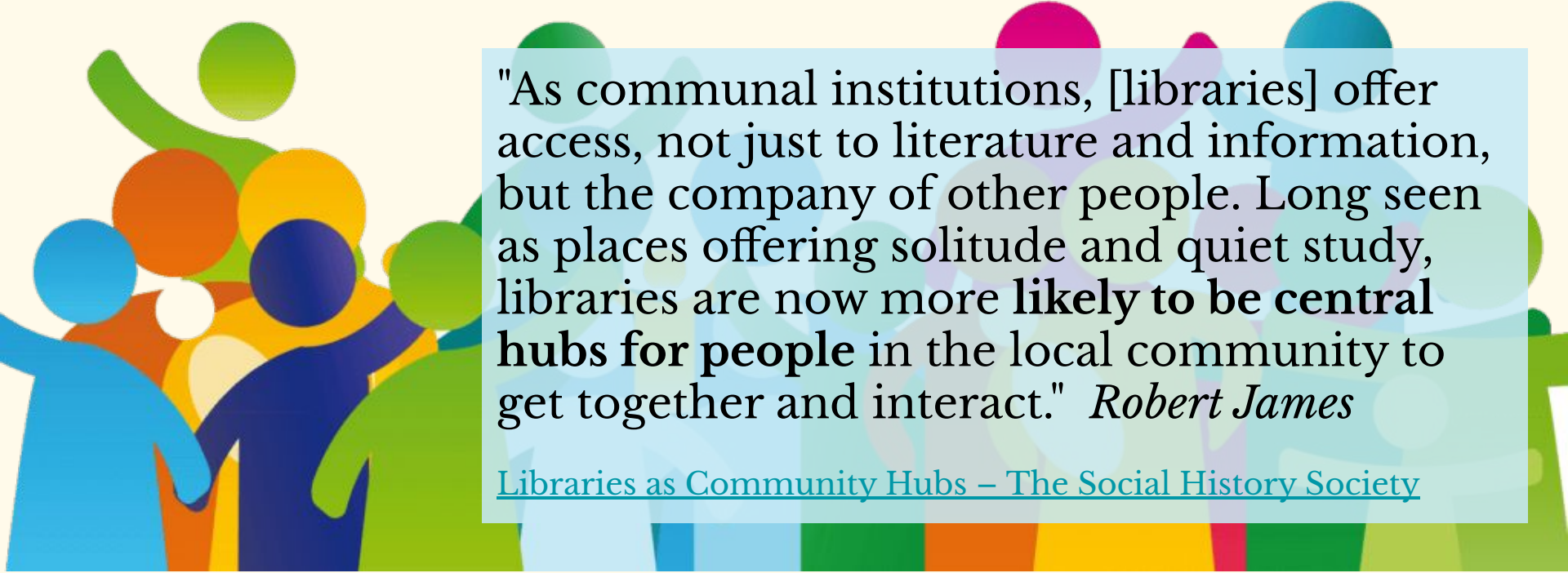
People, Process & Platform



The Library as a community hub



The Library as a community hub



"As communal institutions, [libraries] offer access, not just to literature and information, but the company of other people. Long seen as places offering solitude and quiet study, libraries are now more **likely to be central hubs for people** in the local community to get together and interact." *Robert James*

[Libraries as Community Hubs – The Social History Society](#)

What does all this mean...

- for libraries,
- the people who use them,
- work in them,
- and fund them?

I don't know,
so let's discuss?

Thank you!

Open Source,
Open Practice.

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Colophon

Fonts used

Libre Baskerville & Comfortaa

Presentation software

Google slides

References for review

[Open Source Library Systems: The Current State of the Art -- Chapter 1. Introduction](#)

[Open Systems in the age of Library Services Platforms: Meeting expectations for interoperability and extensibility](#)

[Introduction – Open Source Software in Libraries](#)

[Open Systems in the Age of Library Services Platforms: A Conversation with Marshall Breeding - Choice 360](#)

[Libraries as Community Hubs – The Social History Society](#)

[People, process & platform - a community focused approach | Nicki Watt](#)

[Greenstone in practice: Implementations of an open source digital library system](#)

[learn to FLOSS @ your library – librarian.net](#)

[Open public sector information: from principles to practice | OAIC](#)