



Sharing the research process

ResearchEquals.com

Hi everyone, for Liberate Science, I'm Chris Hartgerink.

Thanks for the opportunity to briefly introduce ResearchEquals today - a community of researchers sharing their research process.

The main goal of the ResearchEquals community is to make all research work visible, so it can be recognised.

Paper research is...



Currently, research is a lot of different, unknown things that get joined up in a final report.

These invisible research steps are the building blocks of papers, yet that they exist or how they relate is hard to figure out.

They often don't see the light of day, collect dust in a Dropbox or Google drive, and over time memory fades and jobs change.

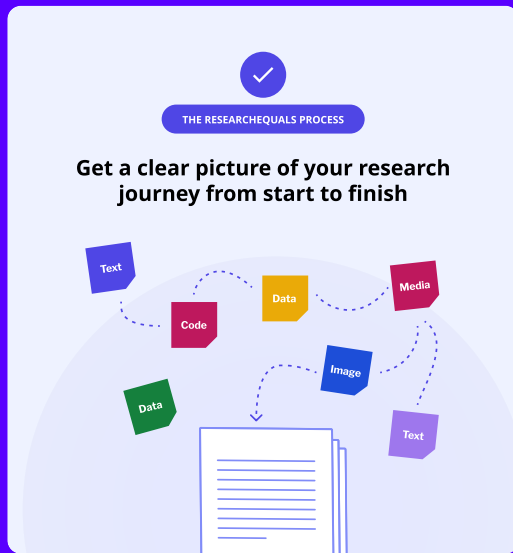
During my own PhD research, I did a lot to improve my research practices that nobody ended up seeing.

Dynamic documents, reproducible code, rejected conference abstracts. And much, much more.

Lots of that work remained invisible, and that led me to ask: Why?

Ultimately, publishing was the bottleneck.

Research changed faster than publishing, and now we are publishing words for things better expressed in its original format. Like data, code, or innovative formats like audiobooks but for articles.



Research Modules 1

1. <https://doi.org/10.3390/publications6020021>

Which leads to the concept of research modules.

A research module is a research step that can be reused and built upon. It stands on its own, yet relates to previous work.

Standing on the building blocks of giants, so to speak.

These research modules are shared as you go through your research process, allowing you to keep much better track of your own work and that of your peers.

Modules can be text, like you're used to, and also allows non-text to be a primary output.

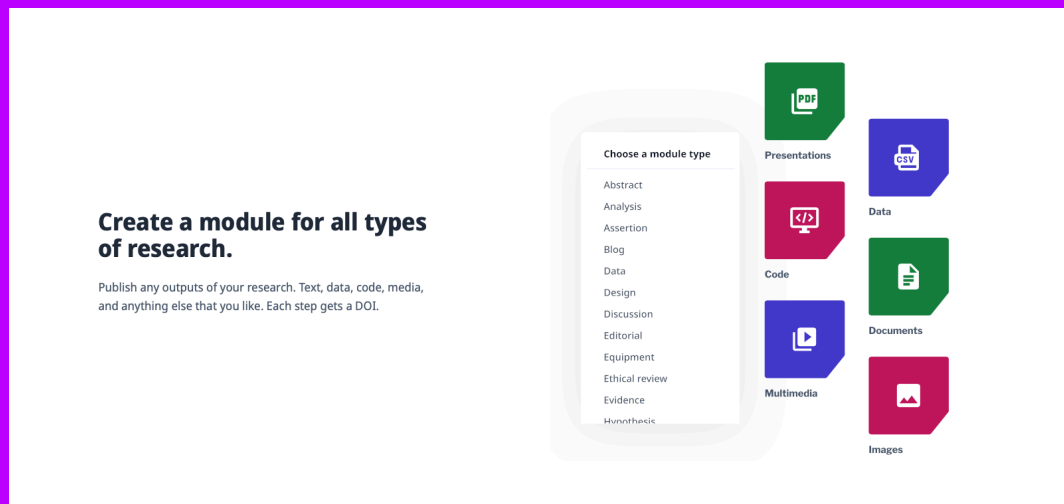
Plus, it embeds the process driven nature of research into how we publish



so that we can focus on where things come from, instead of how good it sounds.

Additionally, it allows each step to be contributed by someone else, without losing track of who contributed what.

We can start mapping the process with which research evolves, and make the reality of the work visible.



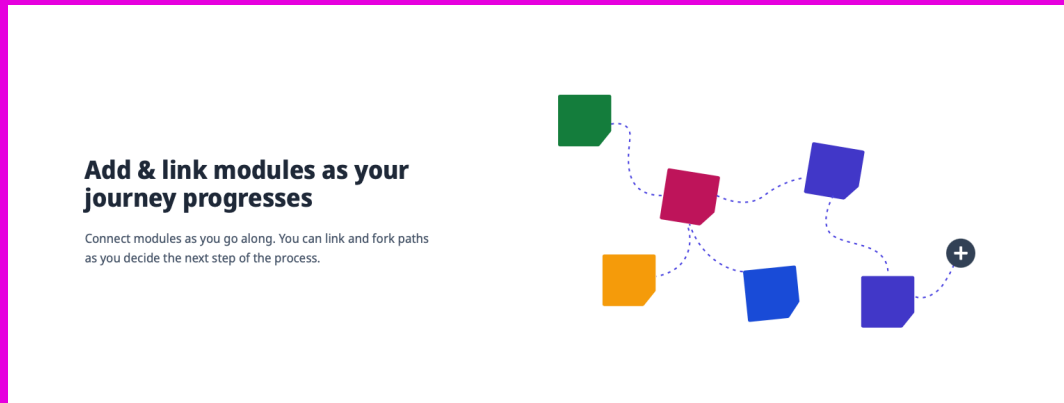
You might ask, what kinds of research modules are there?

Just like research, this keeps evolving.

We currently have a preselected list ranging from blog posts to ethical review applications, from data to code, to presentations.

But you can also publish open hardware files, recordings of study protocols, and study materials.

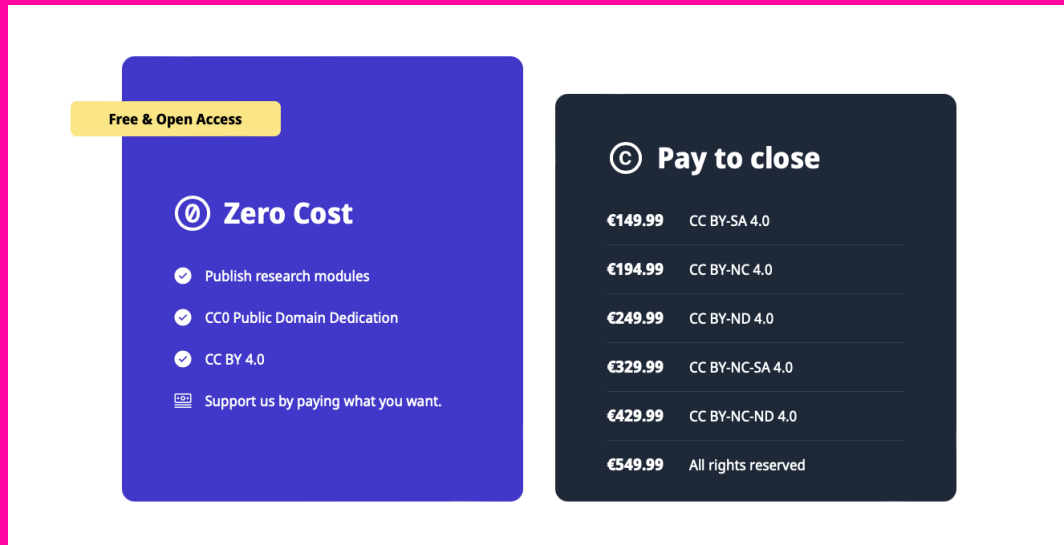
Researchers publish the research steps they want, when they want.



As they go along their journey, they link up these steps to showcase the developing research paths.

That means you actually get to map the development of the research process, allowing you to end certain unfruitful efforts, without keeping them in a file drawer of unpublished work.

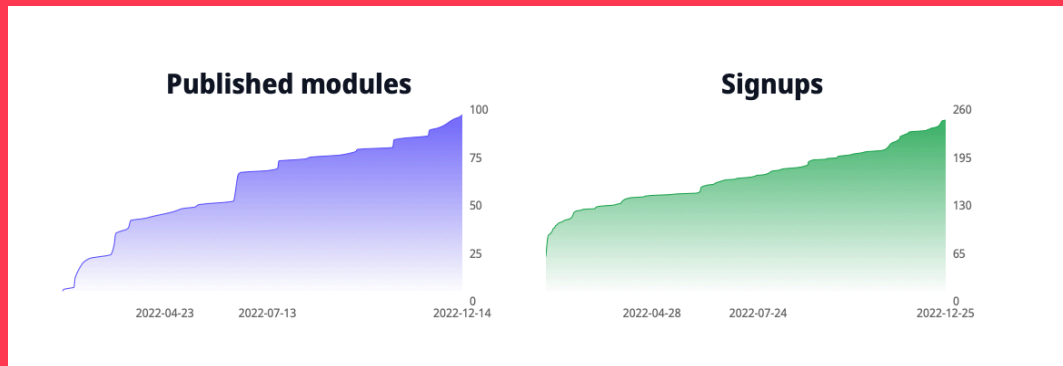
All this because you've published the process up til then.



The screenshot shows a pricing menu with two main sections. The left section, titled 'Free & Open Access', is on a blue background and features a 'Zero Cost' option with a list of benefits: 'Publish research modules', 'CC0 Public Domain Dedication', 'CC BY 4.0', and 'Support us by paying what you want.' The right section, titled 'Pay to close', is on a dark blue background and lists five pricing options with their corresponding Creative Commons licenses.

Price	License
€149.99	CC BY-SA 4.0
€194.99	CC BY-NC 4.0
€249.99	CC BY-ND 4.0
€329.99	CC BY-NC-SA 4.0
€429.99	CC BY-NC-ND 4.0
€549.99	All rights reserved

We hold open access dear, so that's free.
You can pay, if you want



More importantly, since we launched the community of practice last February, we organically grew to over 250 people and a 100 modules published.

This community is asking how modular research publishing fits into how we do research now, and how it changes research.

We are now in the process of further cultivating the community of researchers sharing their research process, such that we can cultivate this practice into a more standard form of sharing research work.

New feature

Create collections


Curate & share all types of research work and publication. Keep track of relevant and interesting work in your field.

[Learn more →](#)



"Scholarly publishing is at its best when it enables both a diversity of forms and open dialogue. ResearchEquals is designed in a way that embraces these practices."

Dan Rudmann, PhD
Digital Scholarship Librarian, Leiden University



"I like the look and feeling of R=! It was very easy to link two related modules and add a reference list, and the contributor list is very transparent."

Dr. Esther Plom
Data Steward

Evolving with the community

Together with the community we keep assessing and evolving what ResearchEquals is, can do, and provides to make all your research work visible.

We already added ResearchEquals Collections, which allows you to start an overlay journal, curating research published anywhere with a DOI.

We're starting a cohort based learning program next month, where junior researchers can learn together and discover what it is to share their research process.

If you're a researcher, come join our community of research sharers, join ResearchEquals 😊



What can you do?

- Get to know about ResearchEquals
- Share with junior researchers
- Supporting memberships

I also understand not everyone here is a researcher, so what can you do?

You've already taken the first step by getting to know about the ResearchEquals community!

You can also share the word with junior researchers.

We also offer institutional supporting memberships, which gives you access to our quarterly assemblies, and provides additional operational insight plus joint decision making on how things evolve.

Thank you for the opportunity, and I look forward to the discussions during this workshop!