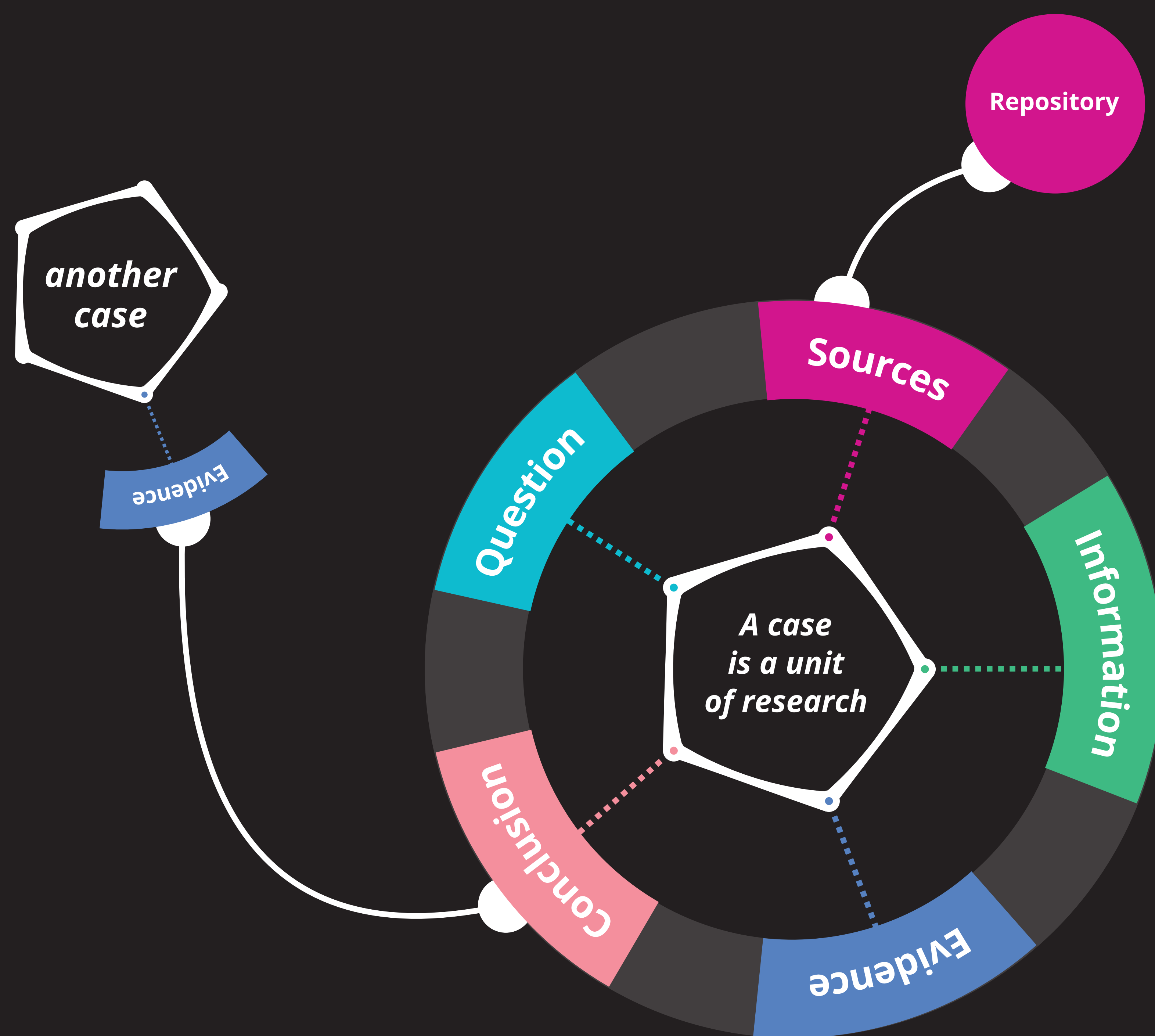


# Open Research Core

A lightweight open-source framework  
for the development of  
domain-specific collaborative research systems.



## roc in a nutshell

roc is a conceptual approach and a practical starting point upon which to build domain-specific collaborative research systems.

roc is a from-the-ground-up redesign of the current publishing paradigm, moving beyond the journal article to a world where the entire research process is preserved, publishable, and reproducible.

roc is a work in progress. While we have a vision of what roc can become, this vision is dependent on people like you for this project to reach its fullest potential. We want this to become a shared vision and collaboration, so we can reinvent research preservation, publication and dissemination, together.

## Collaborative

Open research and research collaboration are the future of research. By building on open standards, roc provides a foundation for open research systems, enabling disparate systems to talk to each other, accelerating new connections and breakthroughs, even across disciplines. Your research becomes more visible and valuable to others.

## Contextual

roc compartmentalizes research into little independent units called *cases*. A case starts with a question and keeps track of not only *what* data was used, but *how* that data was used to answer the research question. By so doing, the research context is preserved and can be used freely to compose subsequent cases. Cases are general enough to support any kind of hypothesis-driven research.

## Get involved

Whether you want to build a collaborative research system, help with roc itself, or just want to learn a little more, visit <http://openresearchcore.org>.



## A roc-based project

The first roc-based system, Geungle, is being built for the domain of genealogical research. Geungle goes beyond family trees, reconstructing people's lives in context, such as cultural, economic, legal, religious, and social, building directly upon digital surrogates of historical documents.



## Who is Pentandra?

We are a social entrepreneurship company with a mission to preserve and accelerate the process of research. This is a researcher-driven effort to shift the paradigm of research, remove barriers to knowledge dissemination, and make research more accessible to the world.



roc is sponsored by:  
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