

Potential benefits and challenges of implementing RAIIDs in archaeology

David Novák

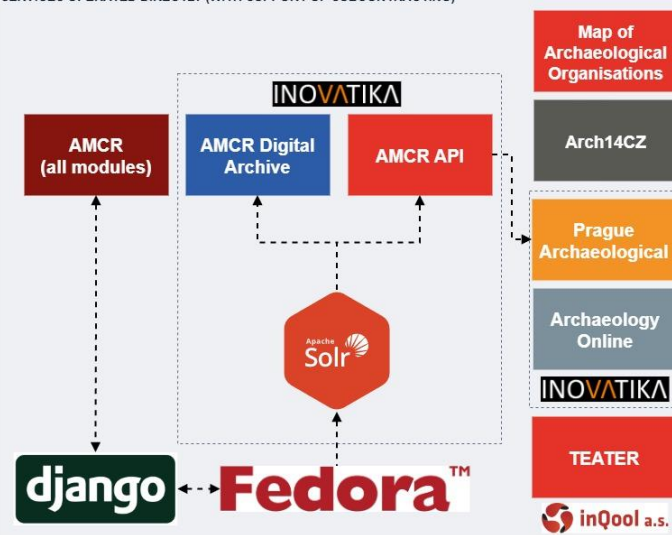
Institute of Archaeology of the CAS, Prague



The context...

- **AIS CR** (<https://www.aiscr.cz/>) = Archaeological Information System of the Czech Republic
- **large research infrastructure** listed in the national roadmap (<https://www.vyzkumne-infrastruktury.cz/>)
- consortium of the **two Institutes of Archaeology** of the Czech Academy of Sciences
- **centralised** team, data, services, hardware facilities, software applications, know-how, collaborations, standards and methodologies
- daily used **domain service**

SERVICES OPERATED DIRECTLY (WITH SUPPORT OF SUBCONTRACTING)

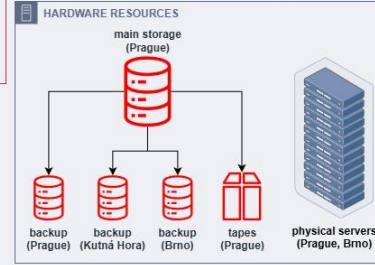


E-INFRASTRUCTURE RESOURCES



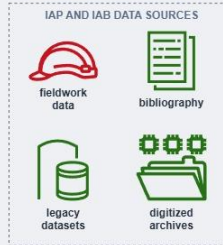
INSTITUTE OF ARCHAEOLOGY OF THE CAS PRAGUE

ARJ3 Institute of Archaeology Czech Acad Sci, Brno



Archaeological Information System of the Czech Republic

DATA RESOURCES



SERVICES OPERATED IN COLLABORATION WITH THIRD-PARTY



Archaeological Map of the Czech Republic

Your guide through the landscape of archaeological data

 Find out which AMCR tool is right for you!

[Find out more](#)



From excavations, surveys, and watching briefs, we collect and manage archaeological data from all over the Czech Republic, ensuring it remains openly accessible in a digital form.



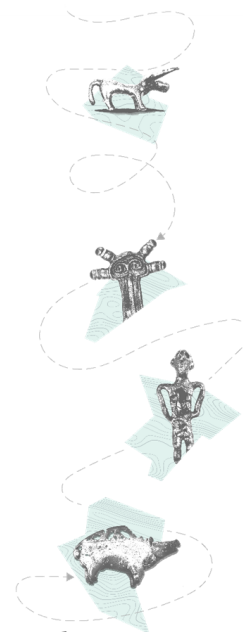
The AMCR is developed with a wide range of users in mind. We have tailored the design and features of each tool to suit the needs of a diverse audience, including professional and amateur archaeologists, state administration, and the general public.

re3data.org
REGISTRY OF RESEARCH DATA REPOSITORIES



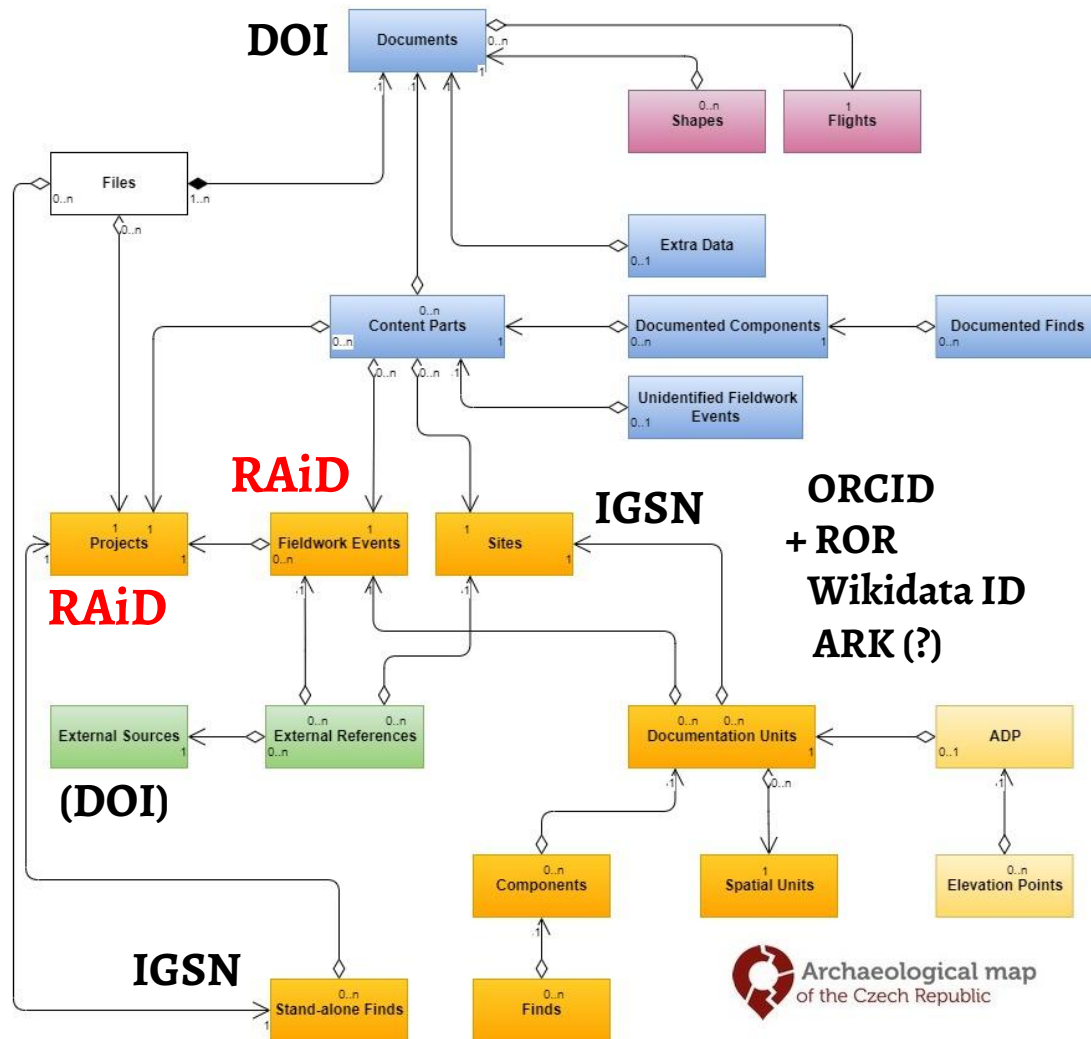
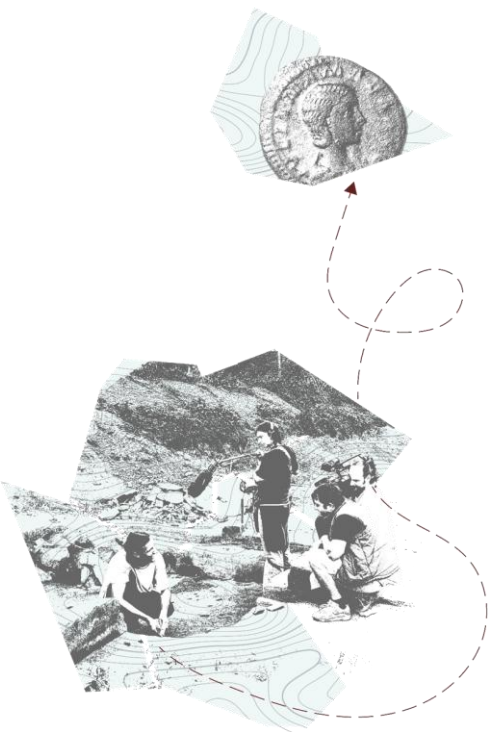
<https://doi.org/10.17616/R31NJMYW>

Archaeological Map of the Czech Republic

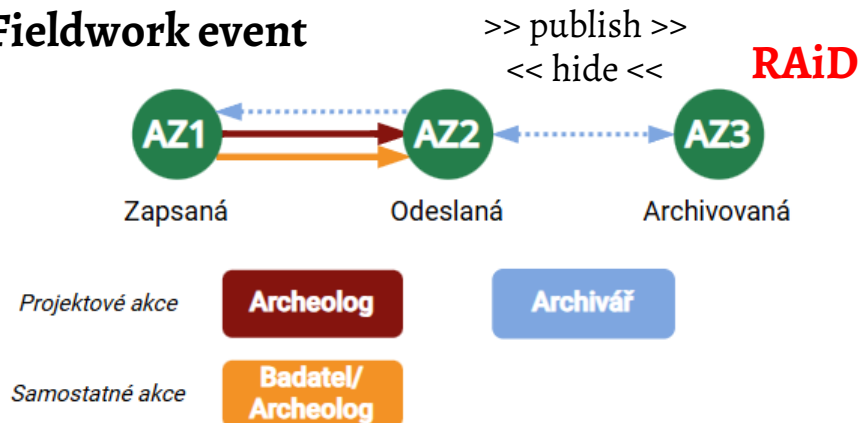


RAiD webinar 2026

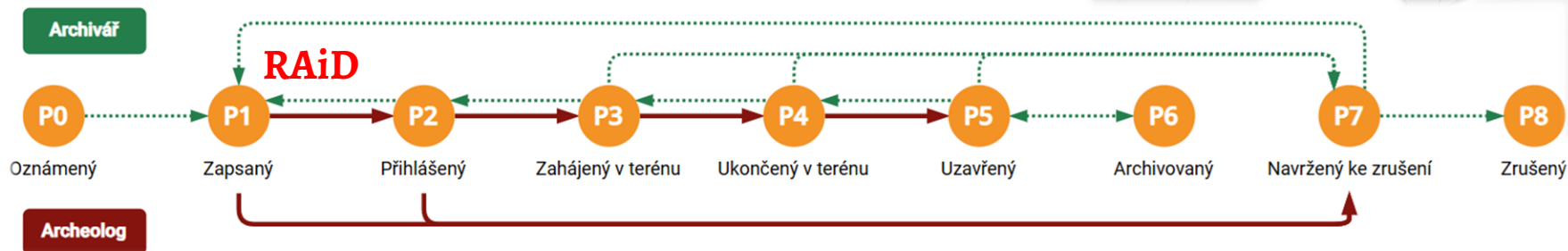
...the benefits...



Fieldwork event



Project



... and the pitfalls

- archaeological research is highly dependant to accumulated knowledge
=> **legacy data**
- fieldwork is done by various culture heritage actors and citizen scientists
=> **independent agents**
- culture heritage sector is driven by different legislation than typical science
=> **low leverage**

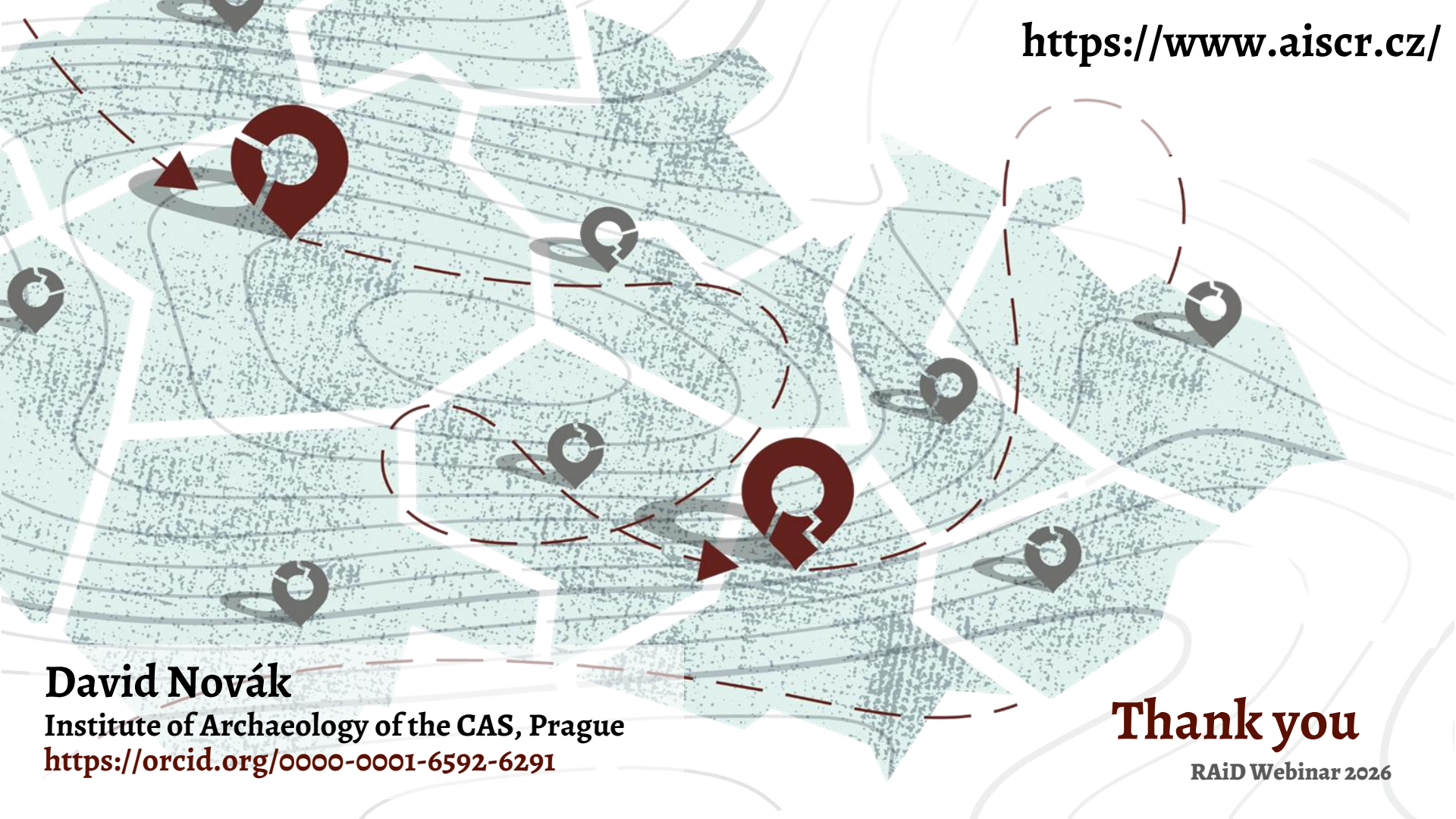
Enforcing minimal standard is difficult:

=> using **ORCID / ISNI / ROR** for all agents is **impossible** in practice

=> need for acceptance of a **PID the repository can mint by itself** for agents (Wikidata ID, ARK, Handle)

The above + registration agency would make us eager early adopters!





<https://www.aiscr.cz/>

David Novák

Institute of Archaeology of the CAS, Prague

<https://orcid.org/0000-0001-6592-6291>

Thank you

RAiD Webinar 2026