



All Hands on Deck:

The Call for Collaborative Digital Preservation Practices for Data Reuse

Guided Discussion

Canadian Research and Knowledge Network Conference

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**Digital Research
Alliance of Canada**

**Alliance de recherche
numérique du Canada**



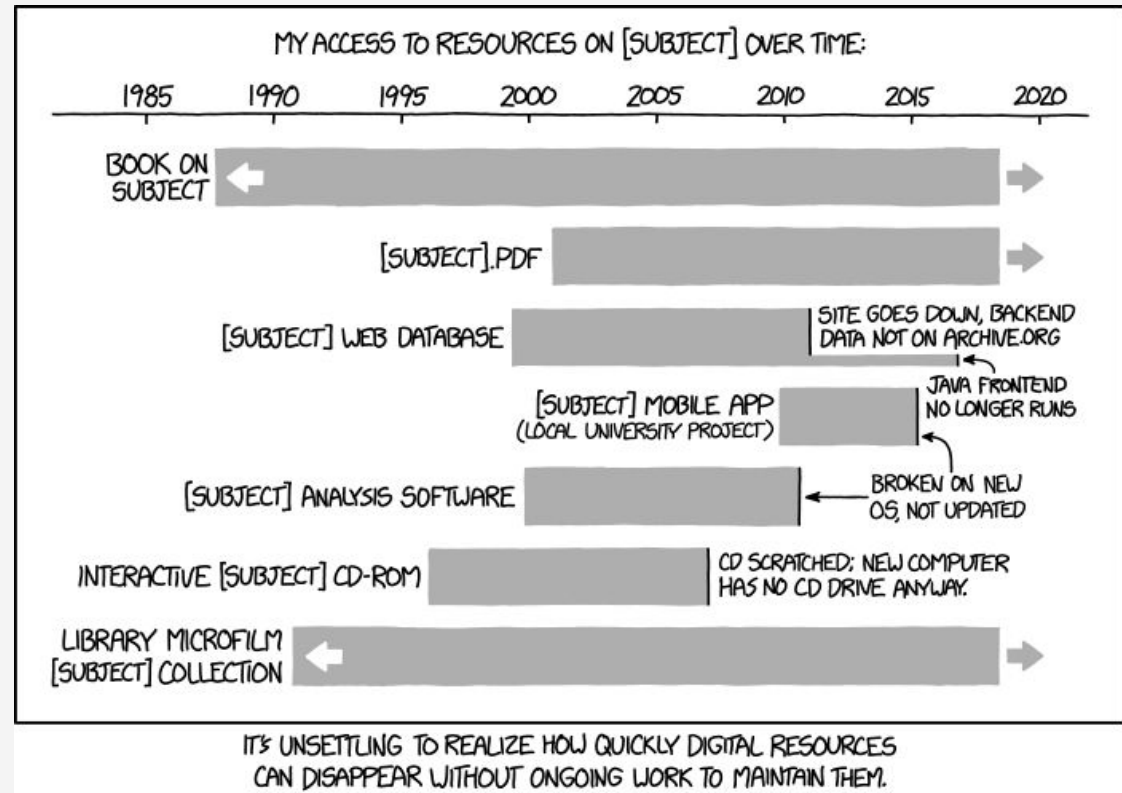
borealis

The Canadian Dataverse Repository
Le dépôt Dataverse canadien



Agenda

1. Objectives
2. Setting the scene
3. Challenges
4. Collaboration
5. Success



© xkcd [Digital Resource Lifespan](#)



Objectives

- Uncover creative solutions to address digital preservation challenges
- Outline specific pain points facing the community
- Understand how we can support each other





What are we on about? 🤔

Context

- **Definition**: “all of the actions required to maintain access to digital materials beyond the limits of media failure or technological and organisational change”
 - Knowing what we have: data files, metadata, and documentation
 - Describing what we have and everything related to it: what happens to it, when, why, how, and by whom
 - Appraising ongoing value of the information against the work to maintain the files and access to them
 - Managing formats so we can continue to access and use the data





What are we on about? 🤔

Why we should care

- Good science:
 - Enabling reproducibility and reuse
 - Ensuring data is FAIR now and into the future
- Good governance:
 - Meeting funder deposit mandates for publicly funded research
 - Meeting publisher data deposit requirements
- Good relationships:
 - Maintaining researcher trust in repositories
 - Supporting public trust in science
- Humanities and Social Sciences (HSS):
 - The concept of research data is expanding to include areas outside science
 - Increase push to make HSS data FAIR



What are we on about? 🤔



Questions

1. What does digital preservation mean to you?





Why is it a challenge? 🥊

Context

- We often hear that digital preservation is complex and it is difficult to implement, especially on a larger scale.
- We know from experience: research data management has made great headway, but it took several decades and it's an ongoing battle
- And now we throw preservation into the mix 😊
- Rapidly changing technology makes it difficult to keep up with changes



Why is it a challenge? 🥊



Questions

1. What makes digital preservation difficult to **understand** – for you, your research community, your administration, your partners e.g. in IT?



Breaking down silos



Context

- Different organizations in different domains don't necessarily talk to each other about their digital preservation journey
- Different departments and units within a single organization don't always talk to each other either
- Different staff within a single unit or working on a single service also might not talk much
- But we can learn from each other!



Breaking down silos



Questions

1. What silos are you seeing?
2. How do we break down the silos and reach out to colleagues across different domains to learn and build a narrative or story about our work?





Success

Context

- We're in it for the long-haul with digital preservation
- It can be a lonely, even frustrating, journey
- Find your community inside and out of your organization
- Set big-picture goals but also celebrate the small wins!



Success



Questions

1. What does digital preservation success look like to you?





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