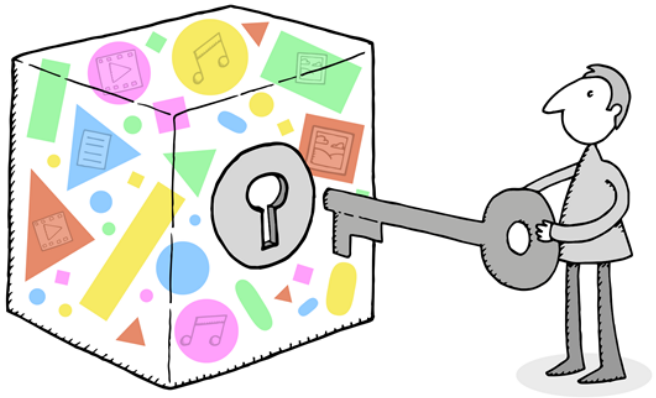

Memories of the Anthropocene: Digital Preservation in a Time of Climate Emergency

1. Digital preservation: what's the problem?
2. Preservation and Climate Science
3. Framing
4. Storage
5. More than storage
6. More than power
7. Digital Origins
8. Movement

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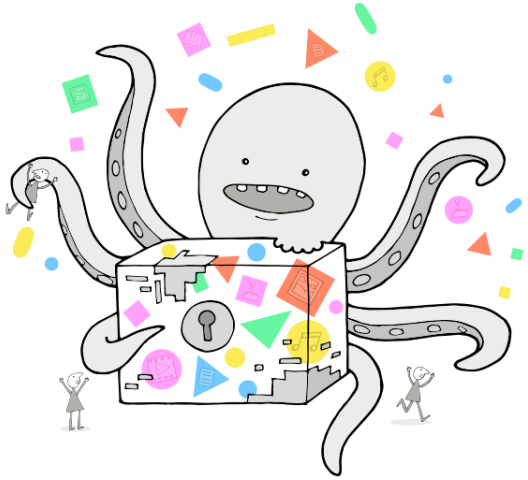
1. Digital Preservation: what’s the problem?

What's the problem?

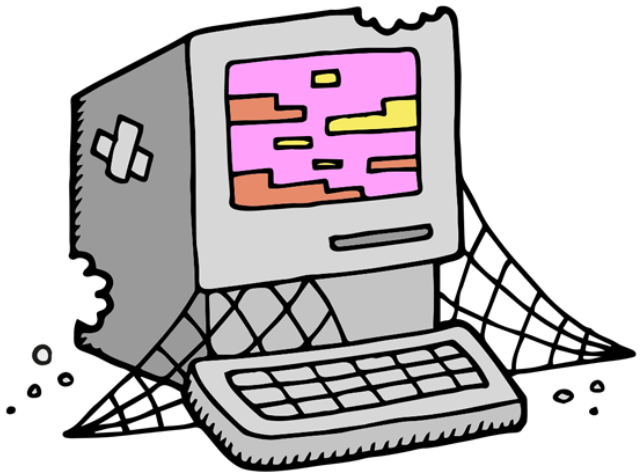


- Media failure
- Media obsolescence
- Software failure
- Software obsolescence
- Inaccessible file format
- Format migration errors
- Loss of media
- Natural Disaster
- Broken dependency
- Failure of systems integration
- Data Theft
- Virus or malware
- Poor documentation
- Poor rights management
- Lost encryption key
- Poor version control
- Inadvertent deletion
- Malicious deletion
- Poor file-naming
- Discontinuation of service
- Link rot
- …

What is Digital Preservation?

"the **series** of **managed activities** necessary to ensure **continued access** to digital materials for **as long as necessary…**"

(Digital Preservation Handbook)



What's in scope?

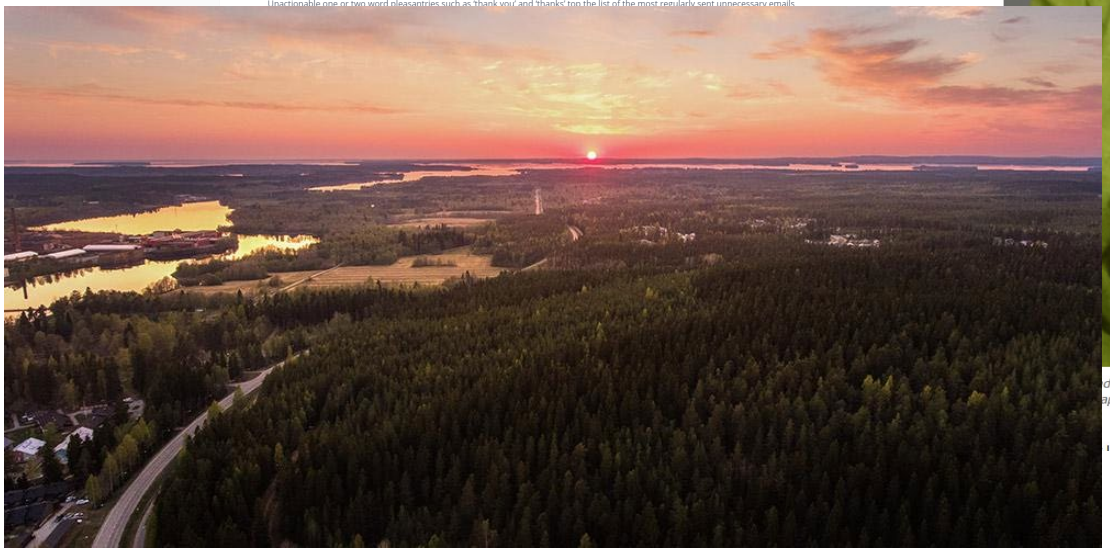
- Structured and unstructured data
- Born digital and digitized content
- From Selfie to Space Probe

That means …

- Office Documents
- Digital Photographs
- Digital Video and Audio
- The Cloud
- CAD Plans
- Geo Mapping and GIS
- Transactional Records
- Spreadsheets
- eBooks and eJournals
- Email
- The Internet
- Twitter and TikTok
- Laser Scans
- MRI and CT scans
- Databases
- Financial data
- Scientific outputs
- SMS and WhatsApp

2. Preservation and Climate Science

3. Framing



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‘Think Before You Thank’: If every Brit sent one less thank you email a day, we would save 16,433 tonnes of carbon a year - the same as 81,152 flights to Madrid

26 November 2019

- Over 64 million1 unnecessary emails sent by Brits every single day
- Unactionable one or two word pleasantries such as ‘thank you’ and ‘thanks’ top the list of the most regularly sent unnecessary emails
- Each UK adult sending one less ‘thank you’ email a day, would save over 16,433 tonnes of carbon a year - the same as 81,1522 flights to Madrid or taking 3,3343 diesel cars off the road
- OVO Energy is calling upon the UK to ‘Think Before You Thank’ - sending fewer emails won’t solve the climate crisis, but it does prove the point that by cutting down on junk we can all improve our lives as we reduce carbon

26 NOVEMBER 2019 – Research released today reveals the UK could reduce its carbon output by over 16,433 tonnes, simply by each adult sending one less ‘thank you’ email a day.

The research commissioned by OVO Energy, the UK’s leading independent energy provider, highlights that almost three quarters of the UK (72%) are completely unaware of the carbon footprint attached to their inbox. With over 64 million unnecessary emails sent every day, this lack of knowledge is resulting in excessive unnecessary emailing from Brits, and contributing 23,475 tonnes of carbon a year4 to the UK’s footprint.

Whilst emails are an integral form of communication in today’s modern world, it would appear they’re not always worth the resulting carbon emissions. 49% of Brits confess to sending unnecessary emails to a colleague or friend within talking distance every single day, contributing to the UK population’s carbon footprint.

Unactionable one or two word pleasantries such as ‘thank you’ and ‘thanks’ top the list of the most regularly sent unnecessary emails

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Ovo Energy apologises after telling customers to ‘cuddle pets’ to stay warm

WEST COUNTRY | ENERGY | BRISTOL | Tuesday 11 January 2022 at 7:02am

dquarters in Bristol.
aps

largest energy suppliers has apologised after it suggested customers cuddle pets and eat

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4. Storage

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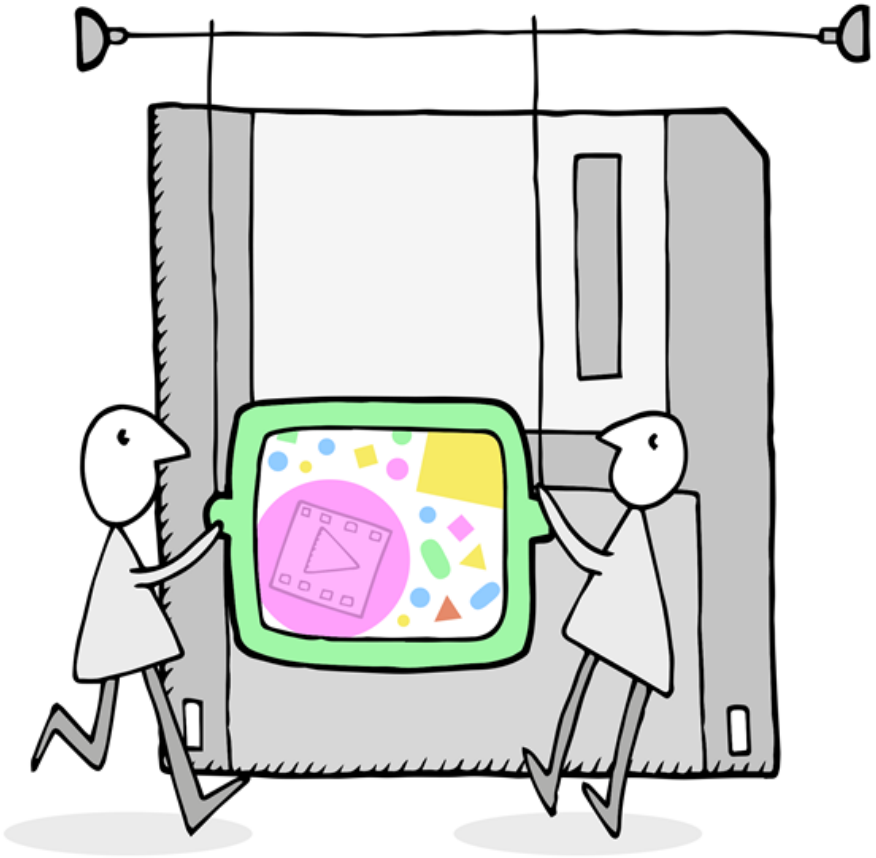
5. More than storage



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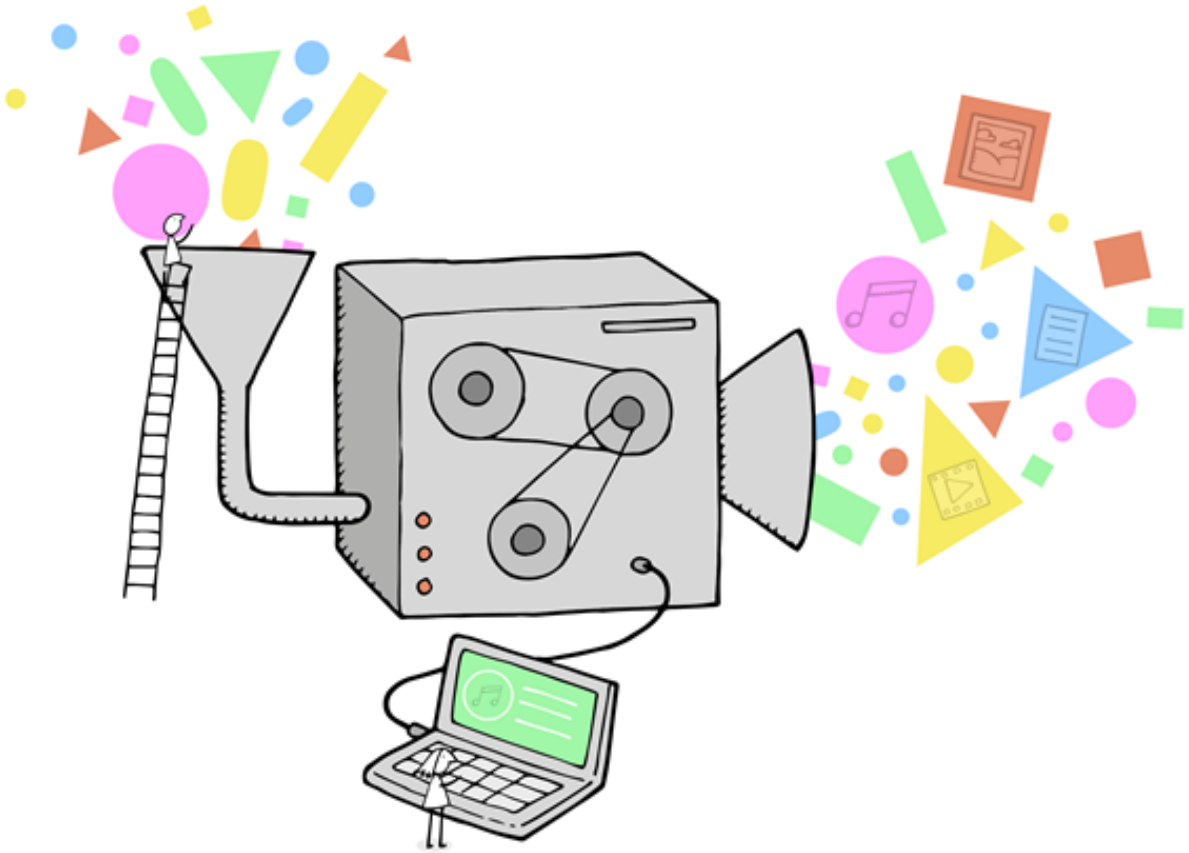
6. More than power



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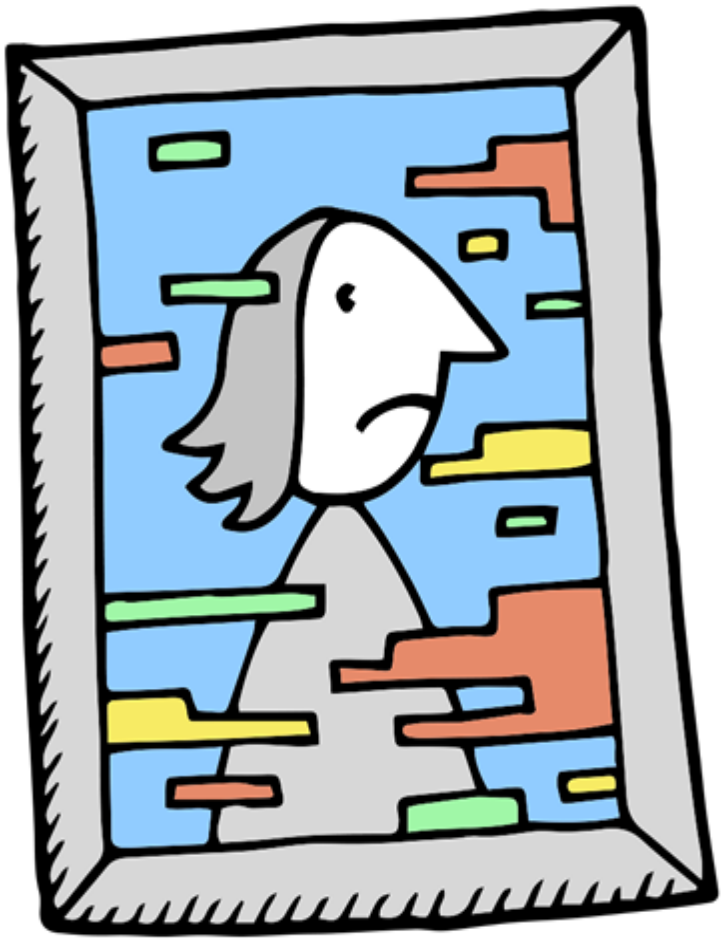
7. Origins



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8. Change

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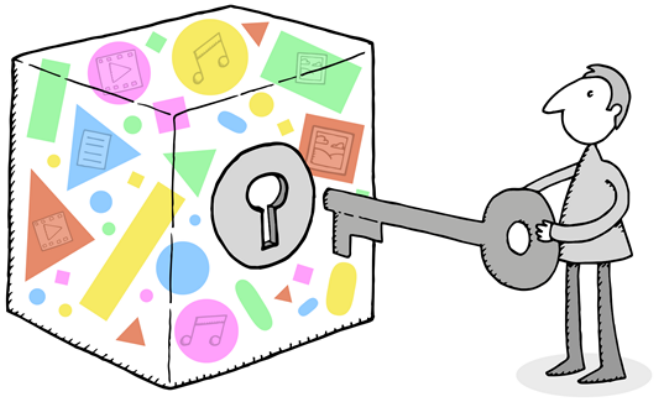

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