Realistic digital preservation in the near future:
How do we get from A to Z when B already seems too far away?

Polonsky Digital Preservation Project

Somaya Langley, Cambridge University Library

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600 YEARS 1416–2016 | CAMBRIDGE UNIVERSITY LIBRARY

600 YEARS CAMBRIDGE UNIVERSITY LIBRARY 1416–2016

The Polonsky Foundation

How do we make digital preservation about the present?

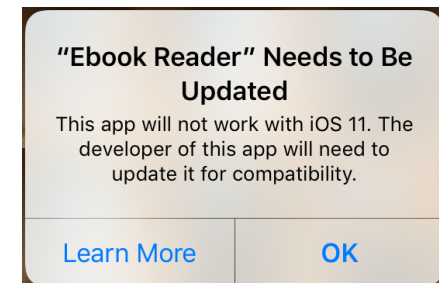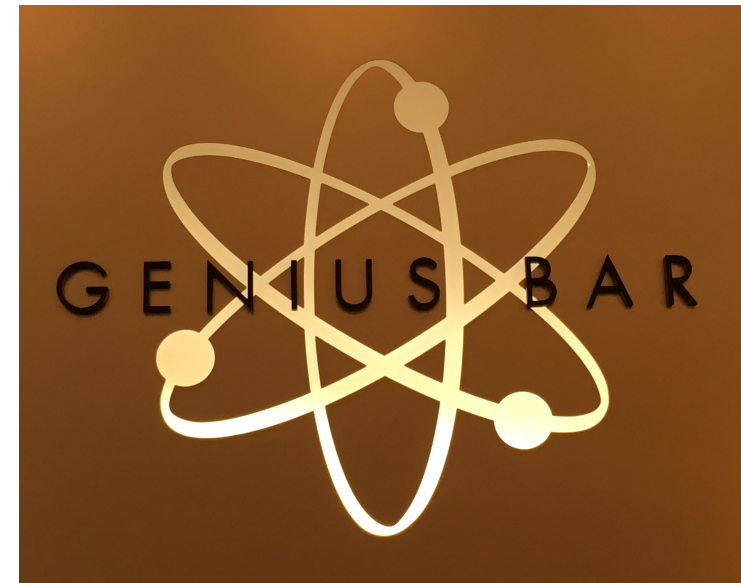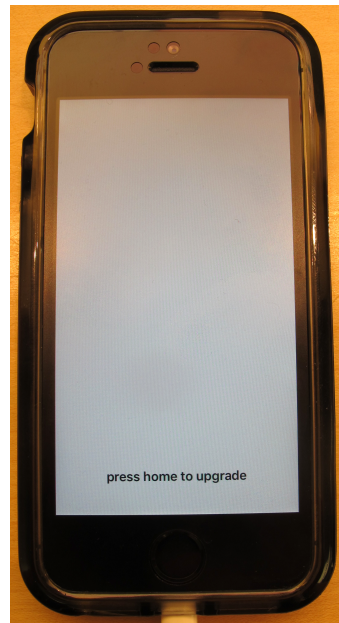UNIVERSITY OF CAMBRIDGE

Current Scenario

Cambridge University Library collection materials. Photos: Somaya Langley

Case Study Selection

- **Classes of Material:** Unpublished Born-Digital Materials, University Archives, Research Outputs, Published Born-Digital Materials, Digitised Image Materials, Digital (and Analogue) Audiovisual Materials, In-House Created Digital Content

- **Selection Parameters:** Frequency and/or Volume, Significance, Urgency, Uniqueness, Value to our Users/Stakeholders

- **Workflow Stages:** Selection & Appraisal, Acquire/Transfer, Pre-Ingest, SIP Creation & Ingest, Preservation Actions, Access & Delivery plus Integration with Library Systems and Processes
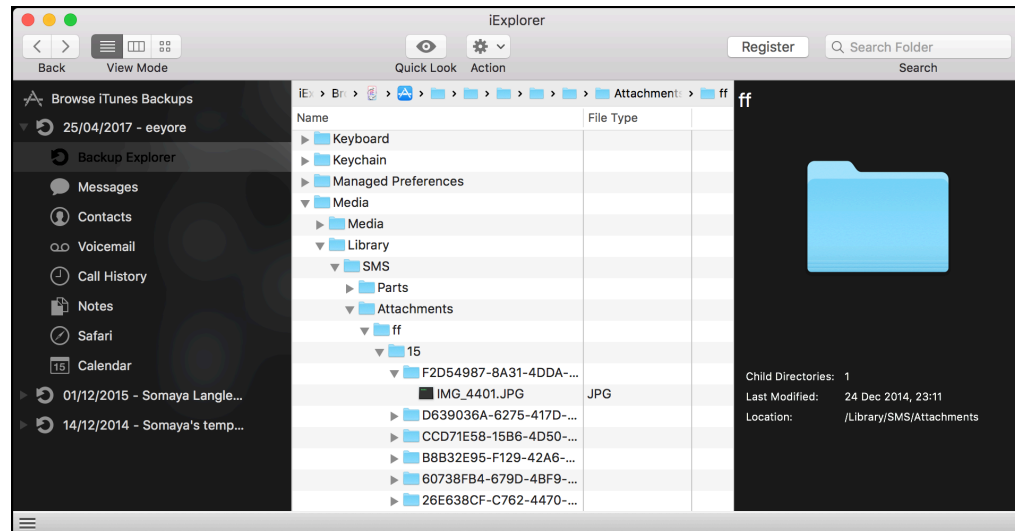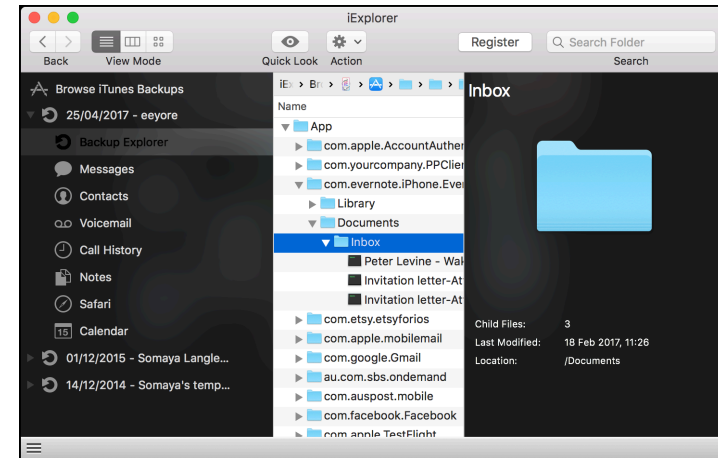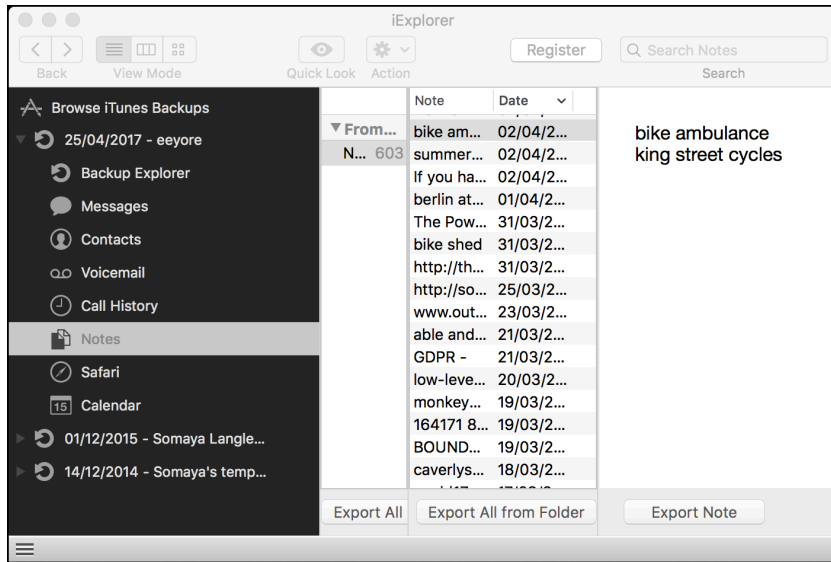
http://www.dpoc.ac.uk/2017/05/26/selecting-case-studies/

Near Future Scenario

"Ebook Reader" Needs to Be Updated
This app will not work with iOS 11. The developer of this app will need to update it for compatibility.

Learn More   OK

https://figshare.com/articles/Digital_Preservation_in_Mobile_Networks/4141671

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In Practice

In Practice

http://dx.doi.org/10.6028/NIST.SP.800-101r1

https://uk.sans.org/reading-room/whitepapers/forensics/forensic-analysis-ios-devices-34092

http://go.magnetforensics.com/Android_Physical_Acquisition_Methods_White_Paper
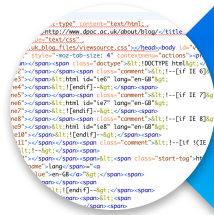
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Conclusions

- Start *doing* & learn by doing

- Collectively approach platform vendors – discuss our digital preservation needs (as a community)

- Influence archivists & curators to collect earlier & more frequently

- Invest in skills-development for specialist/technical staff

Contact

#dp0c

http://www.dpoc.ac.uk

szl20@cam.ac.uk