Circuit Bending, Hardware Hacking, Performance Technology

Digital preservation

Richard Hoadley
2017
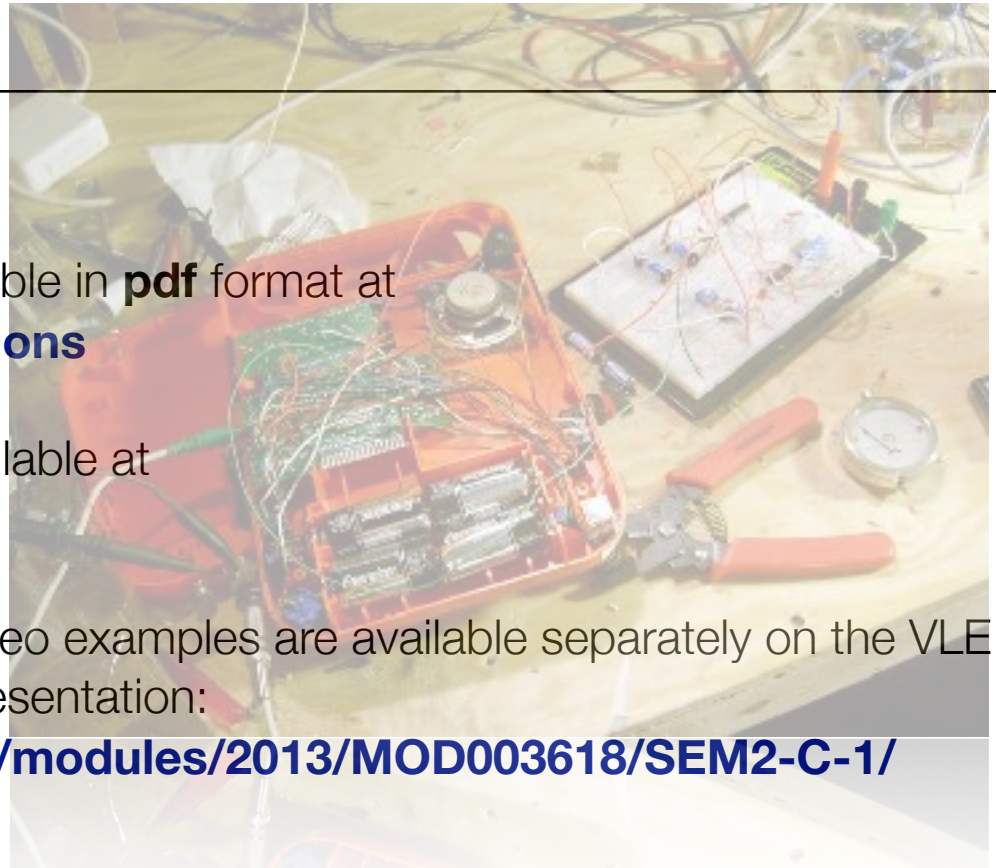v0.02

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Note

This presentation is available in **pdf** format at
rhoadley.net/presentations

Further information is available at
rhoadley.net/cbhh

Most of the audio and video examples are available separately on the VLE implementation of this presentation:
https://vle.anglia.ac.uk/modules/2013/MOD003618/SEM2-C-1/ Pages/Home3.aspx/

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http://bobnational.net/record/28014

from about 1:02:00

A future civilisation's interest in preservation and history…

Life after People, series 1, episode 1

https://www.youtube.com/watch?v=yQOAhyqPw5k

one month: 3:00

500 years: 36:50

5 years: 13:30

20 years: 14:45

10000 years: 38:40

1000000 years: 40:00

and then:

What If The Sun Disappeared?

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and then, finally:

What If The Sun Disappeared?

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Seminar activity:

- Discuss what we can do to preserve those things we value.

- Is this an important thing to consider; does it matter?

- What does it suggest about the nature of human expression?

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Time Capsules

Blue Peter Time Capsules (1971)

Voyager Gold Record (1977)

Steve Jobs' Time Capsule (Guardian)

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Many libraries and other institutions have significant and growing quantities of digital information. How do they ensure that this information stays in relevant and accessible formats?

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"Digital materials are especially vulnerable to loss and destruction because they are stored on fragile magnetic and optical media that deteriorate rapidly and that can fail suddenly from exposure to heat, humidity, airborne contaminants, or faulty reading and writing devices." (Hedstrom and Montgomery 1998)
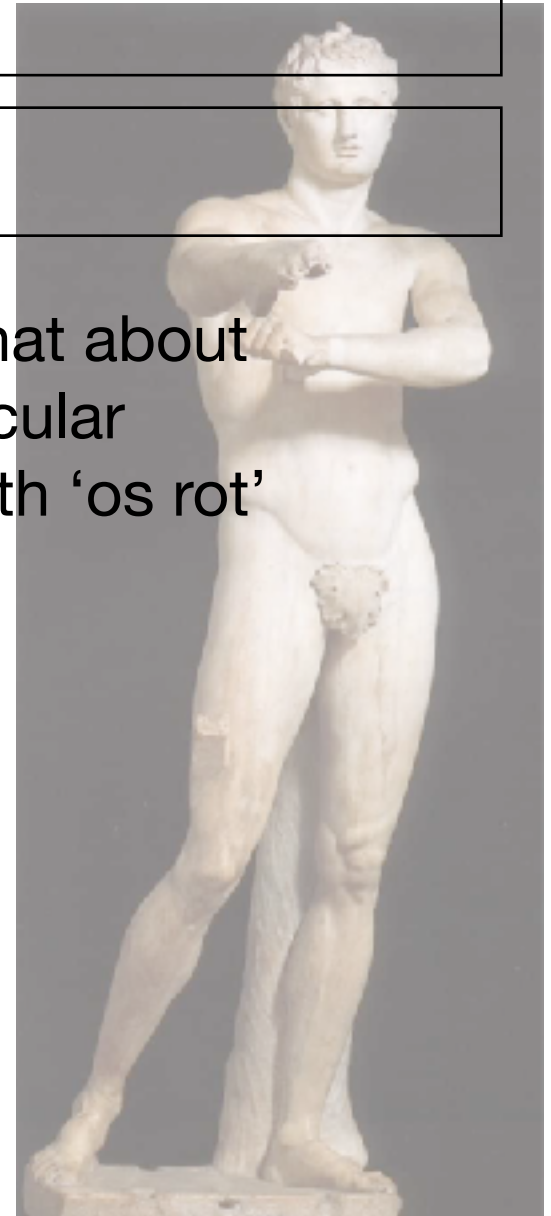
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Digital preservation strategies (e.g. BL)

British Library Digital Preservation Strategy

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previous examples

What about 'real' physical art? What about 'devArt' (art which relies on a particular programme)? How do you deal with 'os rot'

Programmes/articles on digital security and how programme might be preserved

My own experience of 'os rot', etc....

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