National Library & Digital Preservation

Kevin De Vorsey and Peter McKinney
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To establish the National Digital Heritage Archive to enable the National Library of New Zealand to meet its mandate to collect, make accessible, and preserve in perpetuity, New Zealand’s digital heritage, as defined by the Library’s current collection policy.

Goal

Collection, preservation and access in perpetuity.
The Library:

1. Will preserve digital documentary heritage objects for the benefit of New Zealanders.
2. Understands that both the content and the functionality of a digital object are related to its intellectual meaning.
3. Recognises that preserving digital documentary heritage objects is intrinsically linked with enabling access to them.
4. Understands that preserving digital objects demands active, constant management.
5. Is committed to the full range of preservation requirements, including the creation of a suitable social and economic environment.
6. Will play a leading and collaborative role in the relevant international communities.
In practice

Digitised and born digital are equivalents

Method agnostic

Intent

Original always kept

All formats accepted

Preservation actions transparent

Common storage environment

Standards used
Preservation repository

- Emulation
- Obsolence tracking
- Integrity
- Characterisation
- Migration
- Provenance
- Preservation planning
- Long-term accessibility
- Access
- Validation
- Redundancy
- Management
- Data-recovery
“Obsolescence/obsolete/obsoleteness”

Q1: What does obsolescence/obsolete mean?

Q2: How do we recognise its approach?

Q3: How can we quantify this for analysis?
Obsoleteness

Defining the Point of Obsoleteness

- Format defined
- Early adopters
- Main use phase
- Stopped making software that reads it
- No support for software that reads format
- Format defined
- Early adopters
- Main use phase
- New version
Defining the Point of Obsolescence

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NLNZ

- Ability to render
- Ability to give external access to
- Ability to move from
A PDF is not always a PDF

Interpretation of Standards/Support

Application1

sent to

Application2

intercepts

PDF standard

Object 1b

Object 1a
We need to...

- Fully understand what is coming in
- Understand our ability to ‘open’ (render) that content
- Know when we want to move it into a new format
- Work out how to do this
- Measure the success of such a move
Our work

- **Fully** understand what is coming in
- Understand our ability to ‘open’ (render) that content
- Know when we want to move it into a new format
- Work out how to do this
- Measure the success of such a move

- Characterisation (influence tool dev.)
- Institutional Technology Profile
- ITP longevity info
- Preservation planning
- Pres Action/Evaluation criteria
Thoughts/comments/questions/eggs