If SWORD is the answer....

what is the question?
SWORD case studies

Stuart Lewis

15th October 2009
This talk is partially based on:

- A newly published paper:
  - http://dx.doi.org/10.1108/00330330910998057
  - http://hdl.handle.net/2292/5315
E-thesis deposit at Auckland

- The University of Auckland Library
  - PhD thesis deposit
    - < 2010 optional
    - > 2010 mandate
  - New mandate for Masters theses
  - Just finished retrospective digitisation programme
E-thesis deposit at Auckland

- The DSpace deposit interface:
  - Configurable:
    - input-forms.xml (ask the right questions)
    - item-submission.xml (in the right order)
E-thesis deposit at Auckland

• We had some specific requirements:
  
  – We want to know who made each deposit...
    • …but we’d prefer they didn’t have a DSpace account
  
  – We want a detailed licence choice screen
    • Embargo choice with Creative Commons choices
    • Verify page for licence
  
  – Custom email to be sent reiterating terms of licence
Our deposit ‘brand’

- http://deposit.library.auckland.ac.nz/
- Deposit (not submit)
- In the library
- At Auckland University
E-thesis deposit at Auckland

• 5 stage deposit process:
  – Login
E-thesis deposit at Auckland

• 5 stage deposit process:
  - Title

Describe your item (Step 1 of 4)

Please enter the title of your thesis:

Title: Knots and quadruples

Next >
E-thesis deposit at Auckland

• 5 stage deposit process:
  – File upload
E-thesis deposit at Auckland

• 4 stage deposit process:
  – Embargo / access / Creative Commons
Permissions (Step 3 of 4)

Please choose how you would like us to make your thesis available:

Digital copies of your work are deposited online in ResearchSpace under the following conditions of deposit: [http://researchspace.auckland.ac.nz/docs/uoa/docs/docs/deposit-licence.html](http://researchspace.auckland.ac.nz/docs/uoa/docs/docs/deposit-licence.html). Note: The access permissions for thesis deposit which you choose below will take precedence for the period you specify over the deposit licence conditions.

**Open Access**

I agree that my thesis will be fully available online for public access. I do not wish to embargo this thesis for reasons including pending patents, copyright restrictions, or future publications.

- **Open Access**

**Access by Request**

I agree that the abstract and table of contents of my thesis will be available online for public access, but able to make the full document available only by request. After the specified period of time the thesis will be available open access.

- **Access by Request** 1 year

**Restricted Access**

I agree that the abstract and table of contents of my thesis will be available online for public access, but do not wish to allow anyone access to the full document. After the specified period of time the thesis will be available open access.

- **Restricted Access** 1 year

**No Access / Embargo**

I agree to deposit a digital copy of my thesis but do not wish to allow any access. My name, title of thesis and dates will appear on ResearchSpace, but no other details will be viewable. After the specified period of time the thesis will be available open access. I have applied to my Head of Department for an embargo for the specified period of time.

- **No Access** 3 year

If you have chosen to make your thesis available online either now or following a period of time, you must decide how you want people to use your thesis. Please choose from the following Creative Commons options:

**Allow commercial uses of your work?**

We recommend that you do not allow this. If commercial companies want to use your thesis, they can still contact you and request permission to do so.

- **No**
- **Yes**

**Allow modifications of your work?**

If you allow this, we recommend that you require others to allow people to use your work, and that they share alike.

- **Yes, as long as others share alike**
- **Yes**
- **No**

Or:

**No Creative Commons**

I do not choose a Creative Commons option, and will use as permitted under the Copyright Act only.

- **No Creative Commons option**

[Next >](#)
E-thesis deposit at Auckland

- 4 stage deposit process:
  - Verify
Verify (Step 4 of 4)

Please check the following details are correct:

**Author:** Vanessa Newton-Wade

**Title:** Knots and questions

**File:** D149010pdf

**Digital Format:** I certify that the digital copy of my thesis deposited with the University is the same as the final officially approved version. Except in the circumstances set out below, no amendment of content has occurred and I recognise that minor variations in formatting may occur as a result of the conversion to digital format. (Note: this declaration is also bound into the print copy of your thesis.)

I understand that if my thesis is available online for public access it can be used for criticism, review, news reporting, research and private study.

- I confirm that my thesis does not contain material for which the copyright belongs to a third party.

  or

- I confirm that the amounts copied fall within the limits permitted under the Copyright Act 1954.

  or

- I confirm that for all third party copyright material in my thesis I have either:
  a) obtained written permission to use the material and attach copies of each permission
  or
  b) removed the material from the digital copy of the thesis, fully referenced the deleted materials and, where possible, provided links to electronic sources of the material.

**Use of your thesis:**

- I understand that I have chosen to make my thesis available freely online.

**Creative Commons Options:**

- Allow commercial uses of your work: Yes
- Allow modifications of your work: Yes, as long as others share alike

Please note: It may take a minute or two for the deposit process to complete. Do not press the button more than once. If you have any problems please email researchspace@auckland.ac.nz quoting reference "D149010/200."

I understand and agree. Deposit my thesis
E-thesis deposit at Auckland

• 4 stage deposit process:
  – Email receipt
  – Confirmation of handle

Thank you

Thank you for depositing your thesis. The permanent URL of your item is: http://hdl.handle.net/2292/5307.

What happens next? Your digital files will not be available online immediately, our current processing time is 48 weeks. The link will only be viewable to Library staff while the cataloguing and checking stages occur. Back to the Library website
E-thesis deposit at Auckland

- A custom deposit interface for a particular task
Other uses of SWORD

• ROAD project
  – Robot-generated Open Access Data
  – Data provided by smart laboratory equipment
  – ‘load test’ DSpace / EPrints / Fedora

  – 3 deposit interfaces
    • Or
  – 1 deposit interface
Other uses of SWORD

• CLASM project
  – Copyright Licensing Application with SWORD for Moodle
  – Manage copyright protected materials in Moodle using a repository
Other uses of SWORD

• Facebook deposit
  – Deposit from within facebook

• Email deposit
  – Email deposit@my-university.com
  – From: Author
  – Subject: Title
  – Body: Abstract
  – File: Bitstreams
How can I use SWORD?

• Code libraries
  – Java
  – PHP
  – Ruby
  – Python(?)

• Client toolkits
  – EasyDeposit
EasyDeposit

- Written in PHP (low entry barrier)
- Download, edit the config file
  - Edit header / footer / CSS
- Deposit is made up of ‘steps’
- Lots of out the box steps
  - LDAPLogin, Metadata, Title
  - FileUpload, Deposit, Email, Thankyou
- Designed to be easy to add custom steps
  - UOACreativeCommonsEmbargo
EasyDeposit

- Open Source

- Stored in github
  - http://wiki.github.com/stuartlewis/EasyDeposit/

- Please contribute

- Ask for a demo
Thank you

• a.stevenson@ukoln.ac.uk

• s.lewis@auckland.ac.nz