#depositmo

Interactive Multi-Submission Deposit Workflows for Desktop Applications

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Electronics and Computer Science

In order to get more items into our repositories we need to get closer to the researchers workflow

(and support this)

Secondly, there needs to be an incentive for the researcher to use the service

Preferred Environments

Preferred Environments

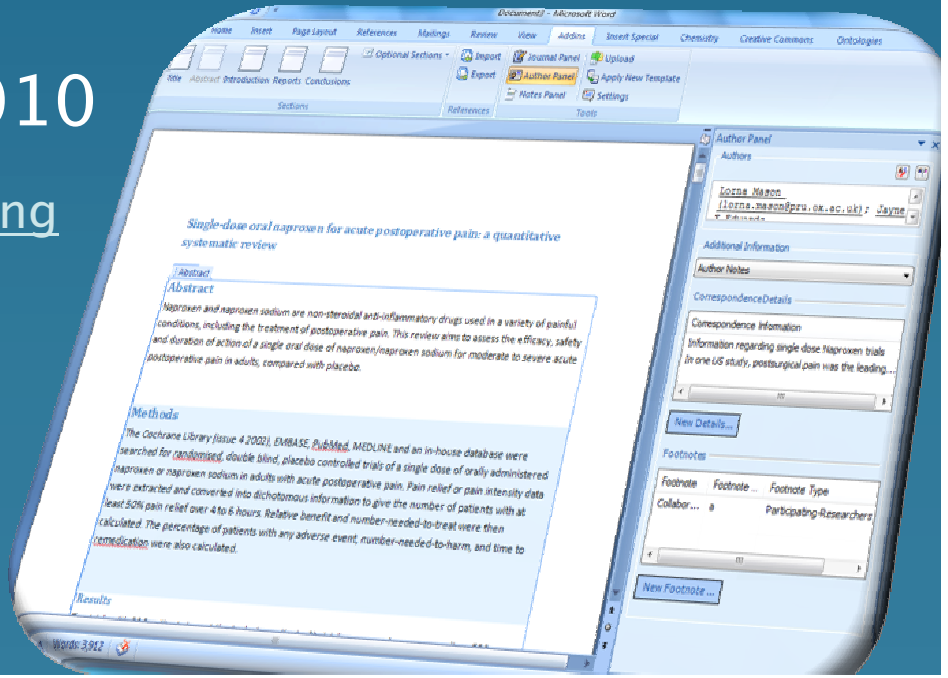
SWORD

- Simple
- A big success!

Microsoft Author-Addin

- SWORD advocated by Microsoft through their Author Add-In tool.
  - Beta 2 – Single repository SWORD deposit
  - Beta 3 – Multi-repository SWORD deposit
- Works on Office 2007/2010

http://research.microsoft.com/authoring

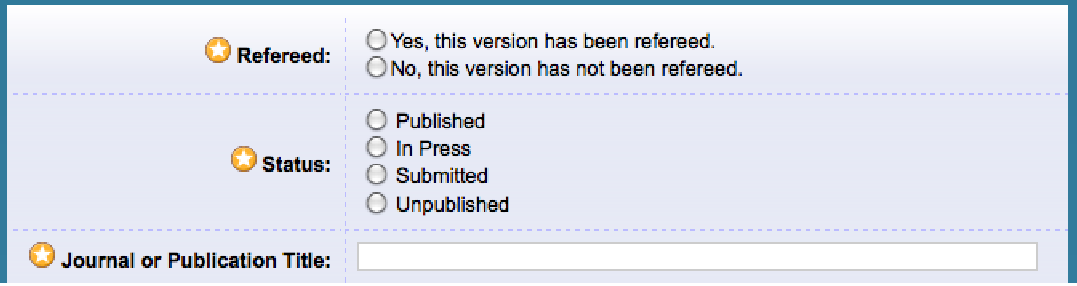


The Problem with SWORD

- Loads work onto the repository editors
- Users are disconnected from their submissions.
  - No feedback loop
  - No incentive
- No guideline for what the receipt means.

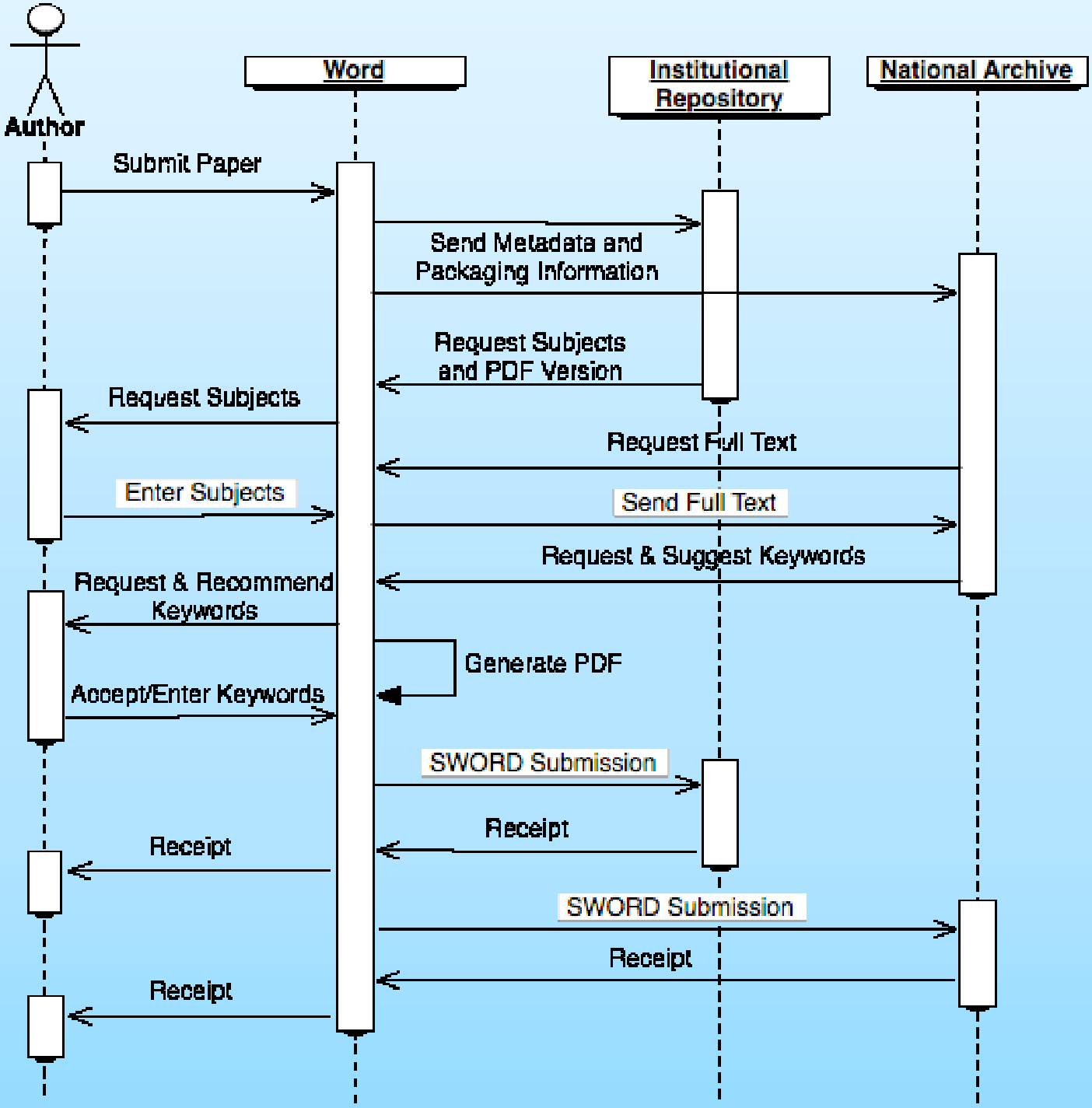
Demand & Incentive

- Many repositories want a copy
- Green/Gold OA
- Multi-submission is “even more” time consuming
- Each have different workflows and metadata schemas

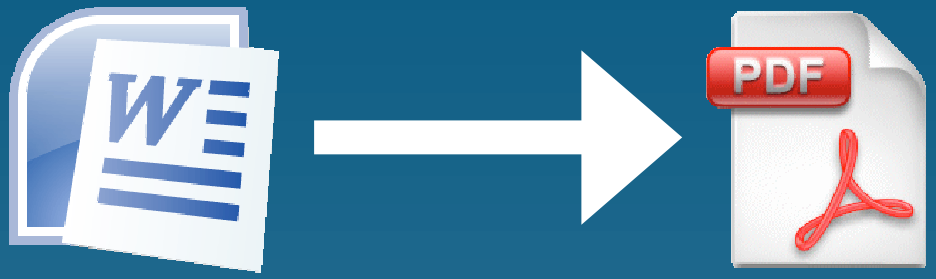


DepositMO

"Changing the culture, embedding deposit into the natural everyday workflow of researchers and lecturers"


Author
Word
Institutional Repository
National Archive
Submit Paper
Send Metadata and Packaging Information
Request Subjects and PDF Version
Request Subjects
Request Full Text
Enter Subjects
Send Full Text
Request & Suggest Keywords
Request & Recommend Keywords
Generate PDF
Accept/Enter Keywords
SWORD Submission
Receipt
Receipt
SWORD Submission
Receipt
Receipt

Office as a (client side) Service



- Fonts!
- User “saves” to the repository
- Repository requests a PDF version (fonts embedded)
- Client supplies the PDF (autonomously)

Office as a (client side) Service

- Repository requires key words.
- Repository asks for full text, does a key word extraction
- Repository client for keywords and sends the ones it has found
- Client gets a dialogue to allow them to verify and enter more keywords

SWORD + REST

- Save first version to repository
- When done, hit publish / submit.
- Shows you on the desktop state of publication, e.g. open doc in word, author bar tells you state in all repositories.

SWORD Receipt

- Use the receipt as a URL for the publication from where you can obtain the following:
  - Status of publication
  - Number of downloads
  - Number of citations
- Same URL for correction, deletion and other RESTFUL operations.
- Fits well with work already in progress

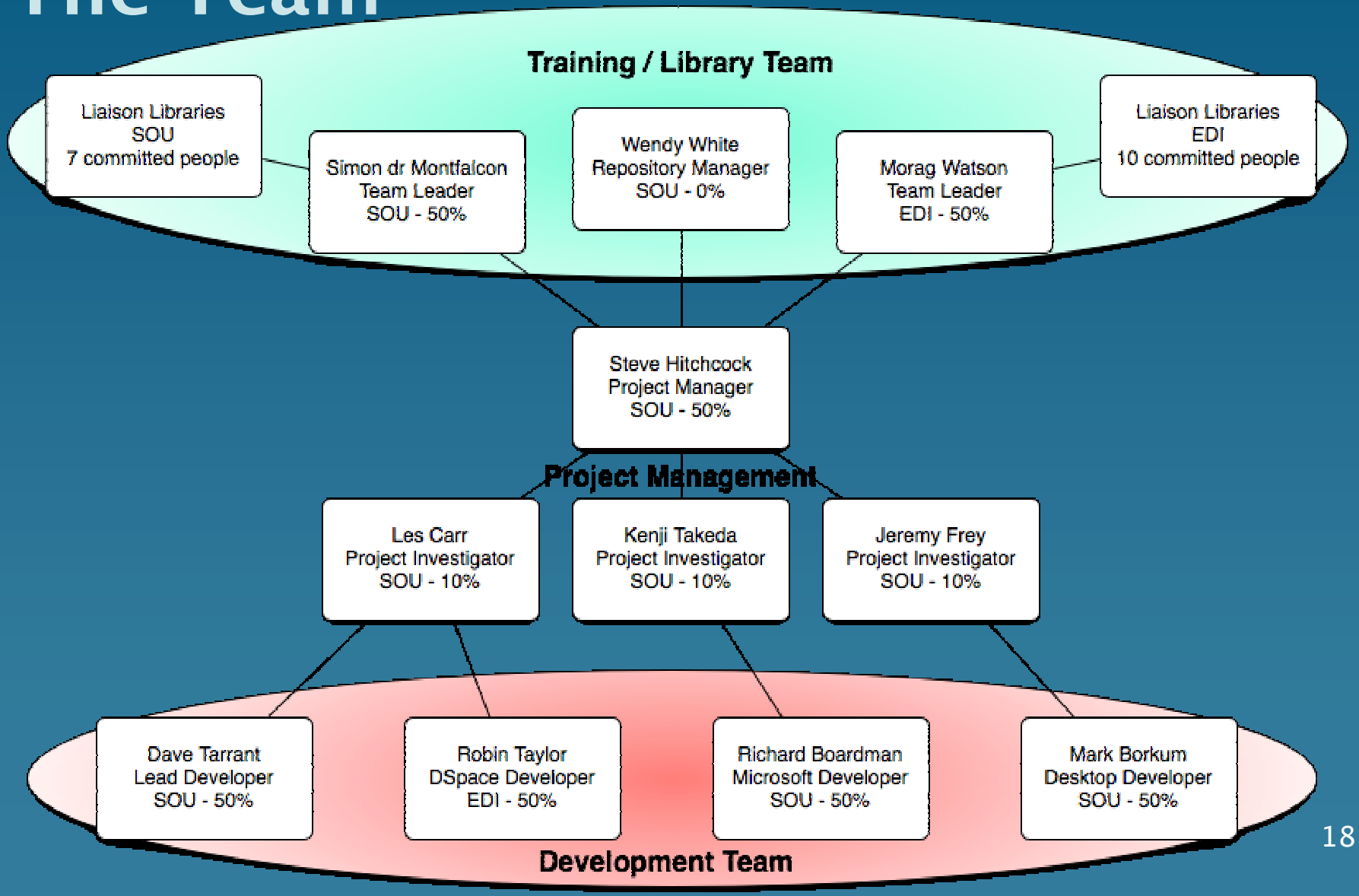
Project Deliverables – Technical

- Interaction Specification
  - Simple REST XML/RDF based
  - Extensible for new clients (e.g. Open Office)
- New Author Add-in supporting spec
- Repository Integration
  - EPrints & DSpace
- Desktop integration (extending existing tools where possible)

Project Deliverables – Training

- Southampton and Edinburgh to build this into the campus workstations and provide desktop training.
- Project to train the trainers (17 currently)

The Team


Training / Library Team
Liaison Libraries
SOU
7 committed people
Simon dr Montfalcon
Team Leader
SOU - 50%
Wendy White
Repository Manager
SOU - 0%
Morag Watson
Team Leader
EDI - 50%
Liaison Libraries
EDI
10 committed people
Steve Hitchcock
Project Manager
SOU - 50%
Project Management
Les Carr
Project Investigator
SOU - 10%
Kenji Takeda
Project Investigator
SOU - 10%
Jeremy Frey
Project Investigator
SOU - 10%
Dave Tarrant
Lead Developer
SOU - 50%
Robin Taylor
DSpace Developer
EDI - 50%
Richard Boardman
Microsoft Developer
SOU - 50%
Mark Borkum
Desktop Developer
SOU - 50%
Development Team

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(and support this)

Secondly, there needs to be an incentive for the researcher to use the service

- Closing the feedback loop
- Extensible Opportunities

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