The DSpace Course - SWORD basics

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The DSpace Course

Module – SWORD basics
Module objectives

By the end of this module you will:

- Understand what SWORD is
- Know what SWORD could be used for
- Know how SWORD works with DSpace
What is SWORD?

- SWORD
  - Simple Web-service Offering Repository Deposit
  - JISC funded SWORD project
  - Common deposit interface
  - Implemented in
    - DSpace
    - EPrints
    - Fedora
    - Intralibrary
  - An extension of the Atom Publishing Protocol
Scenario 1 – Simultaneous multiple deposit

- Deposit to multiple repositories at once

I want to submit my paper to my local repository, my funders repository, and to a subject based repository all in one go.
Scenario 2 – Deposit by lab equipment

- Deposit by lab equipment

I would like to enable the lab equipment that I maintain deposit their data straight into a repository
Scenario 3 – One-click deposit

- One-click deposit

I’d like to submit my paper into a repository from my word processor software
How SWORD works within DSpace

- DSpace has a module structure
  - dspace-sword is a module

- SWORD accepts packages
  - Files + METS manifest file
    - Metadata in SWAP format
These slides have been produced by:

- Stuart Lewis & Chris Yates
- Repository Support Project
  - http://www.rsp.ac.uk/
- Part of the RepositoryNet
- Funded by JISC
  - http://www.jisc.ac.uk/