

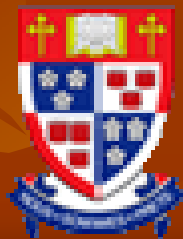
# Promoting Open Access to Scholarly Data

A Case Study of the  
Electronic Thesis and Dissertation (ETD) Project at the  
Simon Fraser University Library (SFU)

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Prepared for the 20<sup>th</sup> CODATA International Conference, Beijing  
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SIMON FRASER  
UNIVERSITY **library**

# Presentation Outline

- Open Access (OA)
- Institutional Repository (IR)
- Electronic Theses and Dissertations (ETD) Project
- SFU and Its IR
- SFU ETD Project
- Conclusions



# Open Access (OA)

- Budapest Open Access Initiative
  - Speed progress in making research articles from all academic fields freely available on the Internet
  - Signatories become leaders of open access movement
- OA definition
  - Free availability on the public internet
  - Read, download, copy, distribute, print and other lawful purpose
  - Without financial, legal, or technical barriers



# Open Access (OA) —con't

- Access Principle

John Willinsky's new book "The Access Principle"

"A commitment to the value and quality of research carries with it a responsibility to extend the circulation of such work as far as possible and ideally to all who are interested in it and all who might profit by it"

- Rationale of OA

Hopeful solution to scholarly communication crisis



# Open Access (OA) —con't

- Major means of Achieving OA
  - OA Journals
  - Self-archiving
    - Institutional Repository
    - Subject/Discipline Repository



# Institutional Repository (IR)

- IR:

“Digital collections capturing and preserving the intellectual output of a single or multi-university community” - Raym Crow

- OAI and OAI-PMH

- Open Archives Initiative - Protocol for Metadata Harvesting
- Canadian Association of Research Libraries

(<http://carl-abrc-oai.lib.sfu.ca/index.php>)



# IR Applications

- Directory of Open Access Repositories – *OpenDOAR*  
(<http://www.opendoar.org>)
- Registry of Open Access Repositories (ROAR)  
(<http://archives.eprints.org/index.php>)
- ARL Survey in January of 2006  
(<http://www.arl.org/sparc/IR/ir.html>)



# EDT Projects

- Major component of IRs
- NDLTD model (Networked Digital Library of Theses and Dissertations)
- ProQuest/UMI model
- Author Self-Archiving





# The University

- Simon Fraser University (SFU) founded in 1965
- Medium sized comprehensive university
- Programs: undergraduate, master and PhD programs.
- More than 600 theses are submitted each year



# SFU IR

- Started in 2004
- DSpace
- 9 communities
- Policies and Guidelines
- Over 1500 digital documents
  - Postprints
  - Research papers
  - Conference presentations
  - Theses



# SFU EDT Project

- Backgrounds
  - Planned in 2003
  - Solutions
  - Estimations
- Project objectives
  - Obtain permission from these authors
  - Digitize over five thousand retrospective and new theses within 2 years



# SFU EDT Project —con't

## Process of digitization

- Scanning: high-end industrial flatbed scanners and microfilm scanner
- File formatting: searchable PDF
- OCR
- Rights management
  - Copyright and Partial Copyright Licence ([1](#),[2](#) and [3](#))
  - Privacy

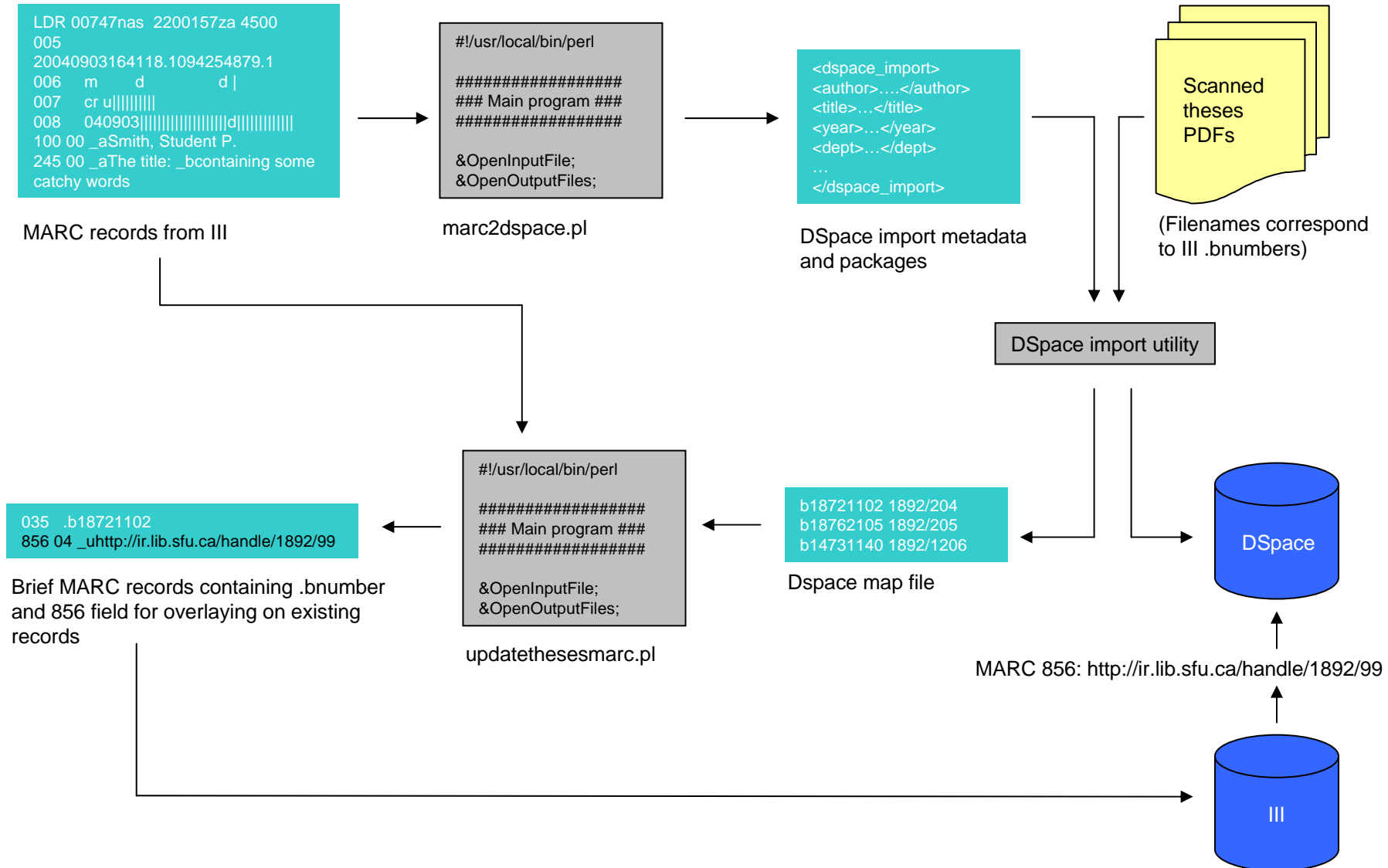


# SFU EDT Project —con't

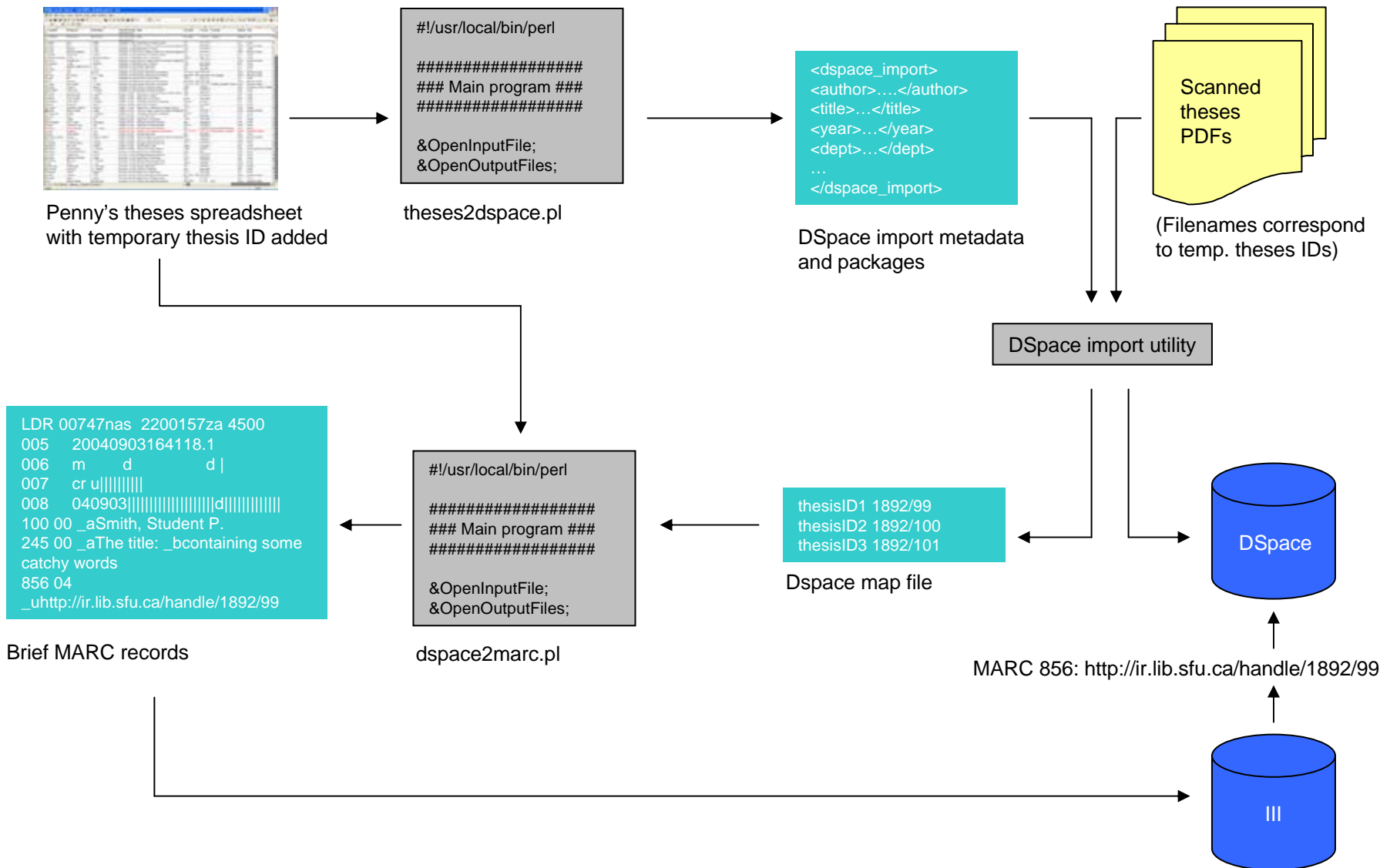
- Access
  - Metadata:
    - MARC->Dublin Core
    - Other Spreadsheet ->Dublin Core
  - Ways of Access
    - IR site and Harvester site
    - Catalogue and union Catalogues
    - Internet search engines
- Maintenance
  - Regular master file backup
  - Occasionally change or edit IR records



# Retrospective (1966 - 1997) Electronic Theses Workflow



# Current (Dec 2004 - ) Electronic Theses Workflow



# Conclusions

- Benefits
  - Self-Control
  - Wider Access
  - Cost-effective solution
- Challenges
  - Long-term preservation
  - Permission
  - Cooperation







**Thanks!**

**Any Questions?**

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Title of Thesis/Project/Extended Essay

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Anesthetics or  $\alpha$ -Tocopherol"

Author: \_\_\_\_\_

(signature)

Janifer L. Thewalt

(name)

April 7, 1986

(date)



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