

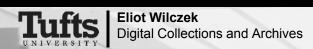


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Introduction

Basic Facts Tufts University
Tufts Digital Library
Digital Collections and Archives



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Frameworks to Actions

Community

OAIS Reference Model

Producer-Archive Interface Methodology

Abstract Standard

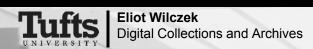
Tufts

Fedora and the Preservation of University

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TAPER

Policies & Procedures



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Partnerships

Tufts and DCAPE



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Basic Facts | Tufts Digital Library

System Fedora 2.2.4 (3.1 | Summer 2009)

Volume 95,000+ Objects

Object Types Texts (PDF & TEI)

Images

EAD finding guides

Datasets

Image Books

Oral Histories

Collection Objects

Tufts History

Learning Objects Research Objects

University Electronic Records (Dark Instance | 2009)

Delivery Environments Digital Library, Artifact, VUE



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Basic Facts | Digital Collections and Archives

Partnership & Staffing

Digital Collections and Archives

6 FT Staff + 1 FT Project Staff

2 spend significant time on Fedora

5 spend some time on Fedora

UIT/Academic Technology

18 FT Staff

5 spend some time on Fedora

UIT/University Systems Group

System & hardware support

Mandate University Records Policy

http://dca.tufts.edu/?pid=19



Frameworks to Actions | OAIS is Not a Procedure Manual

Consultative Committee for Space Data Systems

RECOMMENDATION FOR SPACE DATA SYSTEM STANDARDS

Reference Model for an Open Archival Information System (OAIS)

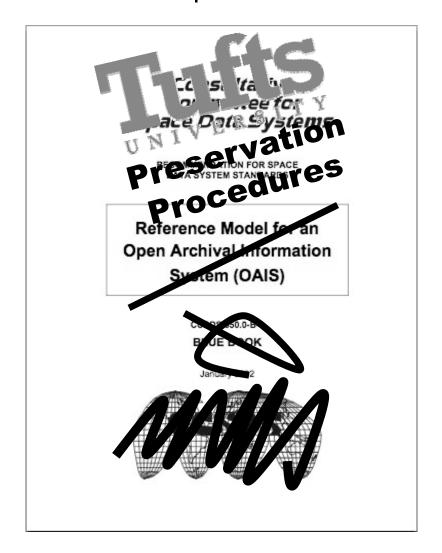
> CCSDS 650.0-B-1 BLUE BOOK

> > January 2002





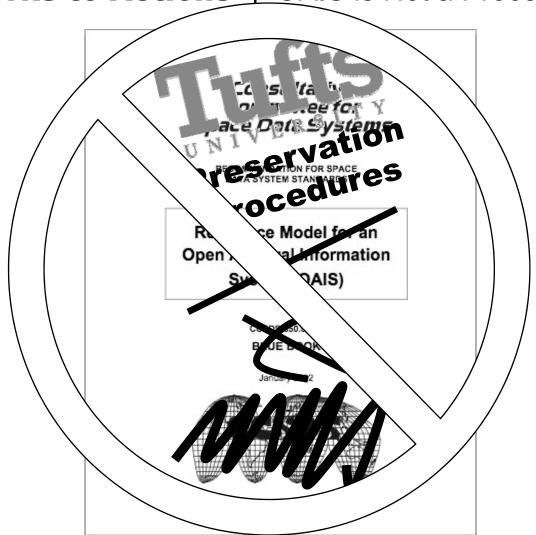
Frameworks to Actions | OAIS is Not a Procedure Manual





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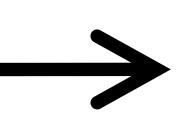
Frameworks to Actions | OAIS is Not a Procedure Manual





Frameworks to Actions | Knowledge to Preservation

OAIS Reference Model





Frameworks to Actions | Knowledge to Preservation

Reference Methodology
Abstract Standard



Frameworks to Actions | Knowledge to Preservation

Reference Methodology
Abstract Standard



Frameworks to Actions | Knowledge to Preservation

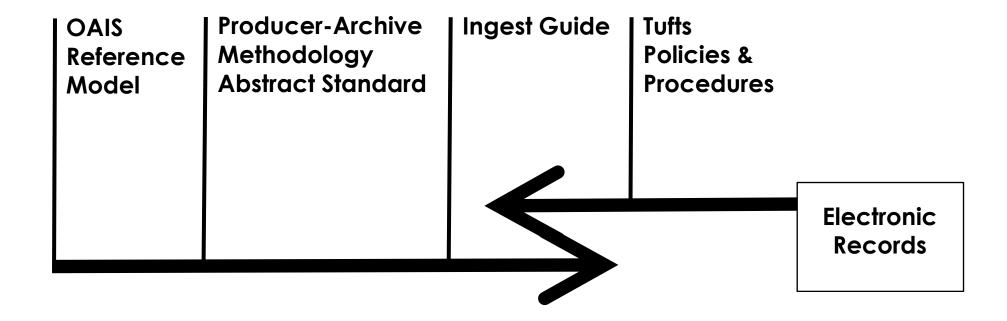
OAIS
Reference
Model

Producer-Archive
Methodology
Abstract Standard

Ingest Guide
Policies &
Procedures

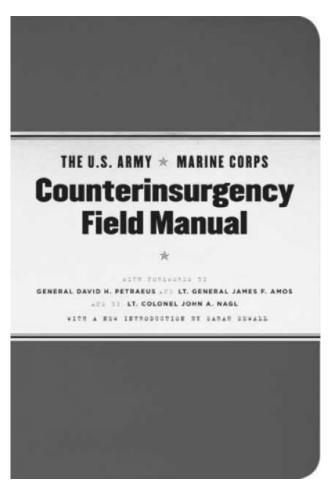
Electronic
Records

Frameworks to Actions | All Preservation is Local





Frameworks to Actions | All Preservation is Local



The U.S. Army Marine Corps
Counterinsurgency Field Manual:
U.S. Army Field Manual No. 3-24:
Marine Corps Warfighting Publication No. 3-33.5



Frameworks to Actions | All Preservation is Local



U.S. Army photo by Staff Sgt. Adam Mancini Zabul, Afghanistan March 5, 2009 Army.mil photostream http://www.flickr.com/photos/sol diersmediacenter/3342067638/

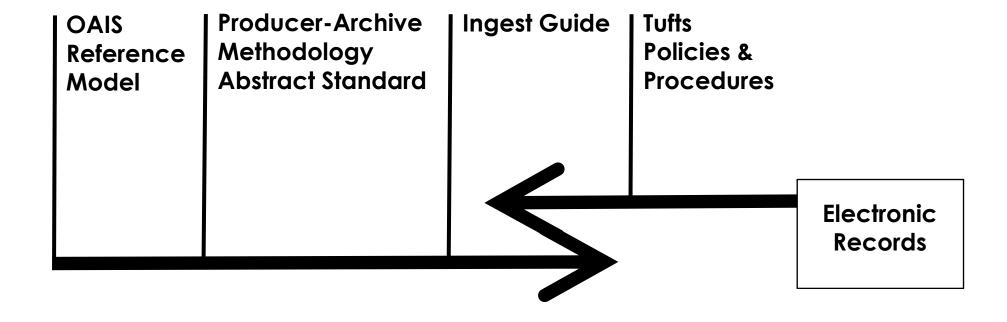


Frameworks to Actions | All Preservation is Local



U.S. Army photo by Staff Sgt. Adam Mancini Zabul, Afghanistan March 5, 2009 Army.mil photostream http://www.flickr.com/photos/sol diersmediacenter/3342067638/

Frameworks to Actions | Tufts Policies and Procedures





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Frameworks to Actions | Tufts Policies and Procedures

Tufts AUO Access, Use, and Outreach

Policies & ACC Accessioning

Procedures AAM Authority and Mission

COL Collection

229 Total DAT Data Entry

15 Functions **DOC** Digital Object Creation

DBT Doing Business at Tufts

ING Ingest

MAS Machines and Servers

NNV New Nation Votes

PRO Processing

RMT Records Management

TDR TDR and TDL

WEB Websites

WRP Workplace



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ACC-001 Accessioning University Records

ACC-002 Accessioning Manuscript Collections

ACC-003 Accessioning Publications

ACC-004 Undergraduate Honors Thesis

Submission Guidelines

ACC-005 Paper Stabilization

ACC-006 Analog Media Stabilization

ACC-007 Digital Media Stabilization

ACC-008 Running a Checksum

ACC-009 Digital Network Stabilization

ACC-010 Choosing Barcode Colors

ACC-011 Creating Electronic Dropboxes

ACC-012 Verifying a Checksum

ACC-013 Exporting a Wiki

ACC-014 Creating PDF-A files

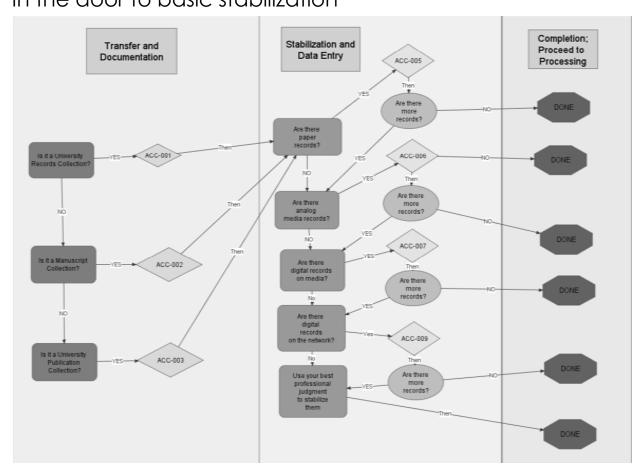


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Frameworks to Actions | Tufts Policies and Procedures

WFL-002 Accession Materials

The Accession Process In the door to basic stabilization





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Partnerships | Preservation, Not So Easy

Trustworthy Repository

AUO Access, Use, and Outreach

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WEB Websites

WRP Workplace

More Procedures

Transformation: More

Formats

Format Validation

Object Monitoring



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Format Validation

Object Monitoring

Storage & Management Environment

Robust and Secure

Monitoring

Preservation Formats &

Designated Communities

Stable Funding Model &

Institutional Commitment

Sufficient and Well-trained Staff



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Partnerships | Preservation, Not So Easy

Trustworthy Repository

AUO Access, Use, and Outreach

ACC Accessioning

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COL Collection

DAT Data Entry

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Partnerships | Preservation, Not So Local

Trustworthy Leverage Repository

External Tools and

Services



DigCCurr 2009 April 2, 2009

Partnerships | Preservation, Not So Local

DCAPE Provides

Rule-based data management systems

Commodity storage systems

Sustainable preservation services



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Partnerships | Preservation, Not So Local

OAIS Reference Model

> **Producer-Archive** Methodology **Abstract Standard**

> > Ingest Guide

Informs



Partnerships | Preservation, Not So Local

OAIS Reference Model

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Partnerships | Preservation, Not So Local

OAIS Reference Model

> Producer-Archive Methodology Abstract Standard

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DCAPE / iRODS

Executes
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Actions



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Partnerships | Preservation, Not So Local

DCAPE Scalable Turn
& iRODS



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Partnerships | Preservation, Not So Local

DCAPE & iRODS

DCAPE Scalable Turn

Preservation Multiplier



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Partnerships | Preservation, Not So Local

DCAPE & iRODS

Scalable Turn

Preservation Multiplier

Tufts Articulate local decisions in a community language



Partnerships | Preservation, Not So Local

DCAPE & iRODS

DCAPE Scalable Turn

Preservation Multiplier

Tufts Articulate local decisions in a community language

ACC-007 Digital Media Stabilization 6. Create Checksum



msiDataObjChksum



Grant Projects | Support

Fedora and the Preservation of University Records http://dca.tufts.edu/?pid=49

TAPER Tufts Accessioning Program for Electronic Records http://dca.lib.tufts.edu/features/nhprc/index.html

DCAPE Distributed Custodial Archival Preservation Environments http://www.dcape.org/





Title Village Elders

Photographer Staff Sgt. Adam Mancini

Publisher Army.mil

Description U.S. Army 1st Lt. Jared Tomberlin, second from left, Bravo Company, 1st Battalion, 4th Infantry Regiment, U.S. Army Europe, speaks with village elders during a key leader engagement in a town near Forward Operating Base Lane, Zabul, Afghanistan

Date March 5, 2009

Identifier

http://www.flickr.com/photos/soldiersmediacenter/334206763 8/

Places Zabul, Afghanistan



Title McIlroy Fluid Network Analyzer analog computer, 1958

Publisher Digital Collections and Archives, Tufts University

Identifier tufts:central:dca:UA136:UA136.002.DO.00140

Organizations Department of Mechanical Engineering

Places Bray Laboratory





