Networks, Authenticity, Metadata, and the Cloud
InterPARES Trust, NA Project 16 Update

Joseph T. Tennis

Associate Professor

Information School, University of Washington

Symposium on digital information governance in the Networked Society

2014/05/13

Networks, Authenticity, Metadata, and the Cloud

Background on InterPARES conceptions of authenticity

Discussion of contemporary work on metadata as it relates to authenticity

Research questions from IPT NA 16

Preliminary findings from the field

InterPARES Trust

Authenticity and InterPARES

Metadata and Authenticity

From: sagemail@u.washington.edu
Subject: **eGC1 A59048 Received at OSP - PI Joseph Tennis**
Date: January 27, 2011 3:38:43 PM PST
To: Joe Tennis
Delivered-To: jtennisuw@gmail.com
Received: by 10.217.0.199 with SMTP id l49cs38871wes; Thu, 27 Jan 2011 15:39:26 -0800 (PST)
Received: by 10.227.147.129 with SMTP id l1mr1904734wbv.26.1296171565661; Thu, 27 Jan 2011 15:39:25 -0800 (PST)
Received: by 10.241.225.92 with POP3 id 28mf1045509wyb.79; Thu, 27 Jan 2011 15:39:25 -0800 (PST)
Received: from sdc-hub-01.exchange.washington.edu (140.142.10.166) by UWIT-HUB05.exchange.washington.edu (140.142.4.206) with Microsoft SMTP Server (TLS) id 14.1.270.1; Thu, 27 Jan 2011 15:38:44 -0800
Received: from appsubmit.cac.washington.edu (140.142.33.33) by sdc-hub-01.exchange.washington.edu (140.142.10.166) with Microsoft SMTP Server id 8.3.137.0; Thu, 27 Jan 2011 15:38:44 -0800
Received: from UCSWWW12 (ucswww12.admin.washington.edu [140.142.18.55]) by appsubmit.cac.washington.edu (8.14.3+UW09.11/8.14.3+UW10.12) with ESMTP id p0RNch2T020676 for <jtennis@u.washington.edu>; Thu, 27 Jan 2011 15:38:43 -0800
Received-Spf: softfail (google.com: best guess record for domain of transitioning sagemail@u.washington.edu does not designate 140.142.10.166 as permitted sender) client-ip=140.142.10.166;
X-Gmail-Fetch-Info: jtennis@uw.edu 1 exchange.washington.edu 995 jtennis
Message-Id: <201101272338.p0RNch2T020676@appsubmit.cac.washington.edu>
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable
Return-Path: sagemail@u.washington.edu
X-Ms-Exchange-Organization-Avstamp-Mailbox: MSFTFF;1;0;0 0 0
X-Ms-Exchange-Organization-Authsource: sdc-hub-01.exchange.washington.edu
X-Ms-Exchange-Organization-Authas: Anonymous
Mime-Version: 1.0

NOTIFICATION: The following UW eGC1 for a grant or contract has been RECEIVED by Office of Sponsored Programs. The application will be assigned to OSP Administrator CAROL A. RHODES.

eGC1 number: A59048
Short title: Tennis IMLS 2011
PI Name: Joseph Tennis
Sponsor: Institute of Museum and Library Services (IMLS)
Sponsor deadline: 2/1/2011

It will be reviewed by:
OSP Reviewer: CAROL A. RHODES
Phone: +1 206 543-2139
Email address: carhodes@uw.edu

Unless OSP has been otherwise instructed, or the application will be submitted electronically to the sponsor, notification for application pickup will be emailed or phoned to the person indicated on the Routing Instruction Sheet.

InterPARES Trust

Metadata and Authenticity

```xml
<?xml version="1.0" encoding="UTF-8"?>
<rdf:RDF
    xmlns:dc="http://purl.org/dc/elements/1.1/"
    xmlns:rdfs="http://www.w3.org/2000/01/rdf-schema#"
    xmlns:foaf="http://xmlns.com/foaf/0.1/"
    xmlns:owl="http://www.w3.org/2002/07/owl#"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema#"
    xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
    xmlns:dcterms="http://purl.org/dc/terms/">

<!-- version 0.1 Corinne Rogers, and Joseph T. Tennis authors for the InterPARES 3 Research Project interpares.org -->

<rdf:Description rdf:about="http://ipam.info#A2.2.2.0">
    <rdf:type rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-ns#Property"/>
    <rdfs:isDefinedBy rdf:resource="http://www.interpares.org/ip2/ip2_model_display.cfm?model=cop"/>
    <rdfs:label xml:lang="en">chronDate00</rdfs:label>
    <dcterms:description xml:lang="en">The date of document creation</dcterms:description>
    <rdfs:domain rdf:resource="http://ipam.info#Record"/>
    <dcterms:identifier rdf:resource="http://ipam.info#D00"/>
</rdf:Description>

<rdf:Description rdf:about="http://ipam.info#A2.2.2.1">
    <rdf:type rdf:resource="http://www.w3.org/1999/02/22-rdf-syntax-ns#Property"/>
    <rdfs:isDefinedBy rdf:resource="http://www.interpares.org/ip2/ip2_model_display.cfm?model=cop"/>
    <rdfs:label xml:lang="en">chronDate01</rdfs:label>
    <dcterms:description xml:lang="en">Chronological date (and possibly time) of compilation and capture</dcterms:description>
    <rdfs:domain rdf:resource="http://ipam.info#Record"/>
    <dcterms:identifier rdf:resource="http://ipam.info#D01"/>
</rdf:Description>
```
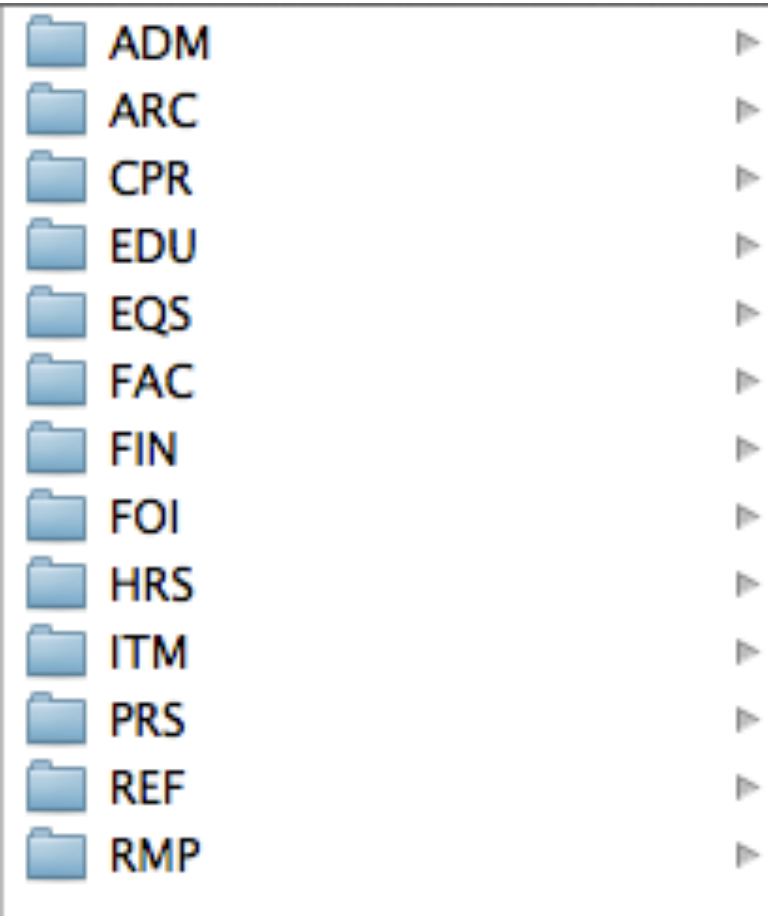
Metadata and Authenticity

- AT – attachments
- AU – authentication
- B – archival bond
- D – date
- DO – external documentation
- F – form
- H – handling
- L – location
- R – rights and access
- S – subject
- T – technology

InterPARES Trust and Metadata

InterPARES Trust and Metadata

References

MacNeil, H. (2008). Archivalterity: Rethinking Original Order. In Achivaria 66: 1-24.

MacNeil, H. (1995). Metadata strategies and archival description: comparing apples and oranges. In Archivaria 39: 22-32

Millar, L. (2002). The Death of the Fonds and the Resurrection of Provenance: Archival Context in Space and Time. In Archivaria 53: 1-15.

Tennis, J. T. (2012) "Data, Documents, and Memory: A Taxonomy of Sources in Relation to Digital Preservation Metadata." In UNESCO Conference on Memory of the World in the Digital Age: Digitization and Preservation.

InterPARES
Trust