

Trusted Digital Repositories

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Digital Archives, Digital Repositories

- *Attributes of Trusted Digital Repositories: Meeting the Needs of Research Resources*
 - Proposes a definition of a *trusted* digital repository
 - Identifies the primary attributes of a *trusted* digital repository
 - Articulates a framework for the development of a certification program
 - Identifies the responsibilities of an OAIS-compliant repository



Certification

- Key component of a *trusted* digital repository
- Self-assessment will not always be adequate
 - especially if institutions choose to use third-party services
 - though may have a role in the maintenance and enhancement of digital repositories



Certification Needs

- In past, certification practices have been informal and implicit
- Need to be formalized and made explicit
- The attributes to be measured in certification are easier to define than the process and infrastructure of certification



Types of Certification

- Two viable models in place in libraries and archives
 - audit model
 - standards model
- Four approaches suggested at AWIICS (1999)
 - Individual
 - Program
 - Process
 - Data



AWIICS

- Elements from four processes could form a certification program providing layers of trust
 - could carry a high degree of confidence
- Preliminary checklist for certification created
 - could serve as a further tool



Draft Report Findings

- Interested communities and experts can & should develop a program for certifying trusted digital repositories
- Checklist concept and certifiable elements provide a base for developing a certification framework



Framework for Certification Program

- Determine the need for an official certifying body
- Identify the attributes to be measured
- Specify the frequency or cycle of certification
- Define the conditions for revocation of certification



Questions in Need of Answers (1 of 2)

- What designated body will undertake digital repository certification?
- Who will designate this body?
- Who will be on the certification board?
- What stakeholders will that board represent?
- How will individuals be qualified to perform certifications?



Questions in Need of Answers (1 of 2)

- What role will libraries and archives have in developing and maintaining digital repositories certification?
- What attributes are to be assessed?
- What assessment tools will be developed, by whom, and how will these tools be integrated into the certification process?
- And many more . . .



More work ahead . . .

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