DSPACE

https://dspace.org/

Developing Knowledge for Economic Advancement in Africa: 2nd International Conference on African Digital Libraries & Archives (ICADLA-2) PPT

Selematsela, Dr Daisy

2012-06-14
http://hdl.handle.net/10539/11532

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Developing Knowledge for Economic Advancement in Africa: 2nd International Conference on African Digital Libraries & Archives (ICADLA-2)

Managing Digital Collections: A South African collaborative initiative

University of the Witwatersrand, Johannesburg
18 November 2011

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Executive Director : Knowledge Management & Evaluation

History – National Digitization Initiative

National Research Foundation

Jan 2008

- Carnegie Corporation (NY)
- 3 x Meetings with SA Public Library sector, digitization stakeholders, Library & Information Schools; Science Councils; Academic Libraries; National Library & National Archives of SA

Mid 2008

- National Research Foundation
- Lead organization (neutral)

Sept 2008

- NRF Project Proposal approved

History – National Digitization Initiative

National Research Foundation

April 2009	Nov 2009	2010
An audit of Digitization Initiatives,ongoing and planned	National Heritage Repository http://digi.nrf.ac.za	Framework on managing digital collections – published

History – National Digitization Initiative

2011

Train-the-trainer programme

2011

Design, develop
facilitator / learner modules

NRF lead organization?

- NRF has no authority over libraries
- What is acknowledged is the independence & neutrality vested in the National System of Innovation
- Established by Act of Parliament (23 of 1998)

NRF Mandate – NRF Act

National Research Foundation

Promote and support research

through

funding, human resource development and the provision of the necessary research facilities

in order to

facilitate the creation of knowledge, innovation and development in all fields of science and technology, including indigenous knowledge

and thereby to

contribute to the improvement of the quality of life of all the people of the Republic

NRF Act, No 23 of 1998

Project mandate

- State of digitization & nationwide digi initiatives
- Establishment of national portal/database
- Production of digi manual, templates, standards & policies
- Digitization & Preservation Centrre (technical support, training, knowledge sharing).



Elements – Audit of Digi initiatives

- Identify **who, & which institutions,** are involved in digi projects;
- Identify **potential projects** for digi in SA;
- Est. on basis of frequency, **priority areas/content** for potential digi projects & provide preliminary list for discussion with stakeholders;
- Provide list of **current/ongoing projects**, to facilitate reduction of unnecessary duplication;

Elements – Audit of Digi initiatives

- Reaffirm as appropriate the **merits of a digi centre**, its activities & potential governance structure;
- Collect data & information for the est. of a **portal** for digi projects that will ensure accessibility;
- Identify **levels of expertise/skills** availability in digitization across institutions;

Elements – Audit of Digi initiatives

- Establish **digitization needs**, i.e skills, expertise, knowledge, infrastructure requirements;
- generate a **national database** & **hardcopy report** for stakeholder access – this would describe the:
  - Content of collections
  - Types of material
  - Coverage of subject areas
  - Motivation for digitizing each collection
  - Status of the levels of expertise in holding institutions
  - Availability of hardware, software and systems
  - Connectivity at the institutions, and
  - Policies and procedures presently followed in relation to digital data

An audit of South African Digitisation Initiatives: ongoing and planned



Carnegie Corporation of New York

NRF National Research Foundation

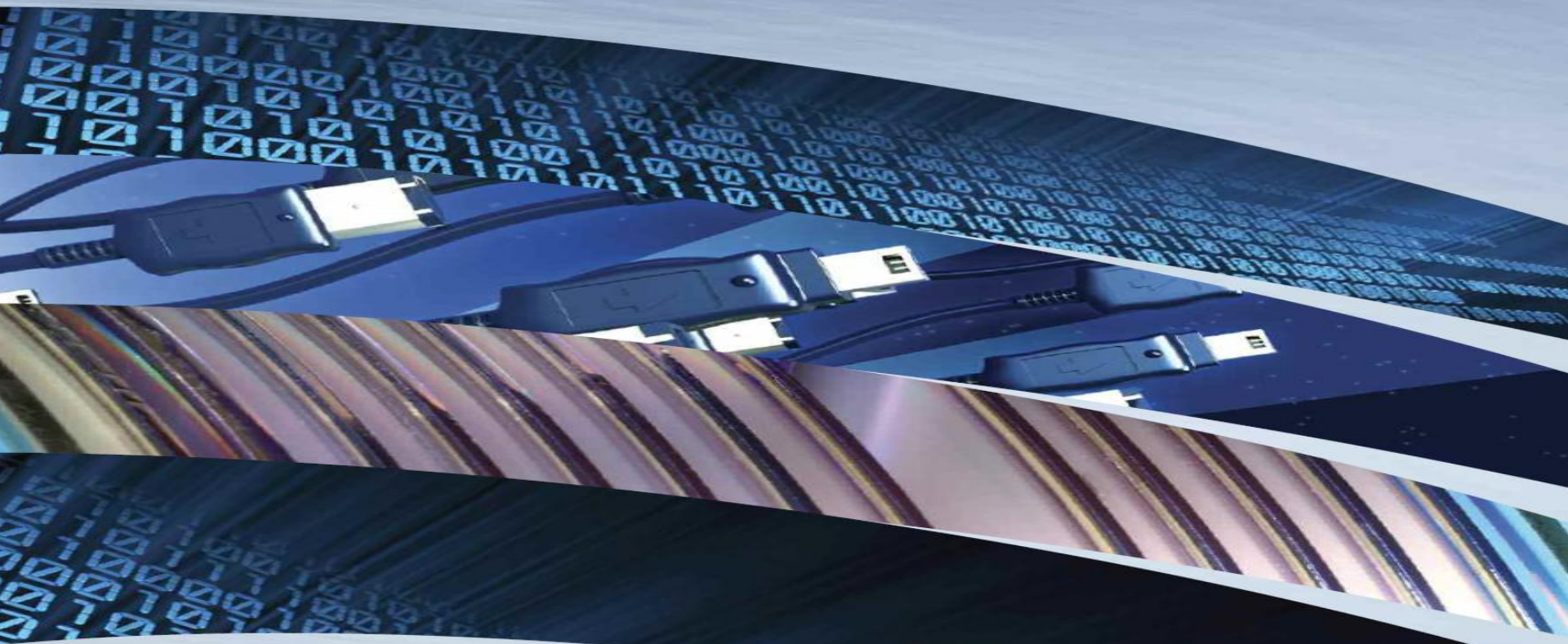
Audit findings - overview

- Major concerns (and misunderstanding) re ‘copyright’
- Much digitization activity, a great deal by part-timers
- organizational operational budgets, simple equipment & infrastructure widely employed
- Many collections available on Open Access websites
- Some institutions expanding teams & upgrading facilities
- Some large-scale undertakings *Freedom Struggle, Rock Art, ILAM ethnic music*
- Some world-class outputs
- Many untouched collections – probably under-reported
- Standards are reasonably well managed
- Awareness of the need for long-term sustainability, but few plans
- Need for capacity building & skills upgrading: training, advice from specialists and peer workshopping

Objective of Framework document

- Provide high-level principles for planning and managing the full digital collection life cycle.

Managing Digital Collections:
A Collaborative Initiative on the South African Framework



Carnegie Corporation of New York

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Aims of Framework document

- Provide overview of components & activities involved in creating good digital collections
- Provide a sense of the landscape of digital collections management
- Identify existing resources that support the development of sound local practices
- Encourage community participation in best practices for digital collection building
- Contribute to the benefits of sound data management practices, data sharing & long term access
- Introduce data management & curation issues

Aims of Framework document

- Assist cultural heritage organizations to create & manage complex digital collections
- Assist funding organizations who wish to encourage & support the development of good digital collections
- Advocate the use of internationally-created appropriate open community standards to ensure quality & to increase global interoperability for better exchange & re-use of data & digital content.

Stakeholder Consultations





Train-the-trainer Programme

National training programme (Managing Digital Collections Workshop – 5 days)

23 facilitators

Modules:

1. organizational stages of digital preservation
2. Preservation metadata management
3. Digital preservation trends
4. Resources Framework
5. Readiness
6. Principles of presenting

Train-the-trainer Programme

- Toolkit focus: facilitator/learner training material
- South African Qualifications Authority:
- Unit standard 15228: Advice on the establishment and implementation of a quality management system for skills development practices in an organization (Level 5/20 Credits)
  - Purpose
  - Unit outcomes
  - Assessment strategy
  - Quality assurance
  - Resources

What are we now?

1. Department of Arts & Culture (Republic of SA)
   - Input to National Policy on the Digitization of Heritage Resources
   - Input to Skills framework

2. Facilitator / learner modules
   - Design in collaboration with Centre for Curriculum Development (University of South Africa)

Implications for alignment of practices across countries/institutions

- Technical digitization support & services to institutions without “know-how”.
- Provide/mobilize experts to conduct training & support for institutions/persons that would like to embark on digitization /digital preservation initiatives
- Facilitate the sharing of knowledge.
- Collaborate on digitization & digital data preservation initiatives.

Lessons learned!

- Requirement for:
  - Technical Advisory Group
  - Advisory Body/Committee



National Research Foundation

National Research Facilities
Research Infrastructure and National Research Facilities

HartRAO
Hartebeesthoek Radio Astronomy Observatory

SAAO
South African Astronomical Observatory

NZG
National Zoological Gardens of South Africa

SAEON
South African Environmental Observation Network

SAIAB
South African Institute for Aquatic Biodiversity

iThemba LABS
Laboratory for Accelerator Based Sciences

RISA
Research and Innovation Support and Advancement

SAASTA
South African Agency for Science and Technology Advancement

Enkosi, Thank you, Re a leboga, Siyabonga, Dankie